

FARM FORECASTER

CROP AND LIVE STOCK REPORT FOR NORTH CAROLINA



COOPERATIVE CROP REPORTING SERVICE

NORTH CAROLINA
DEPARTMENT OF AGRICULTURE
DIVISION OF AGRICULTURAL STATISTICS

UNITED STATES
DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS

RALEIGH, NORTH CAROLINA



MAY, 1930

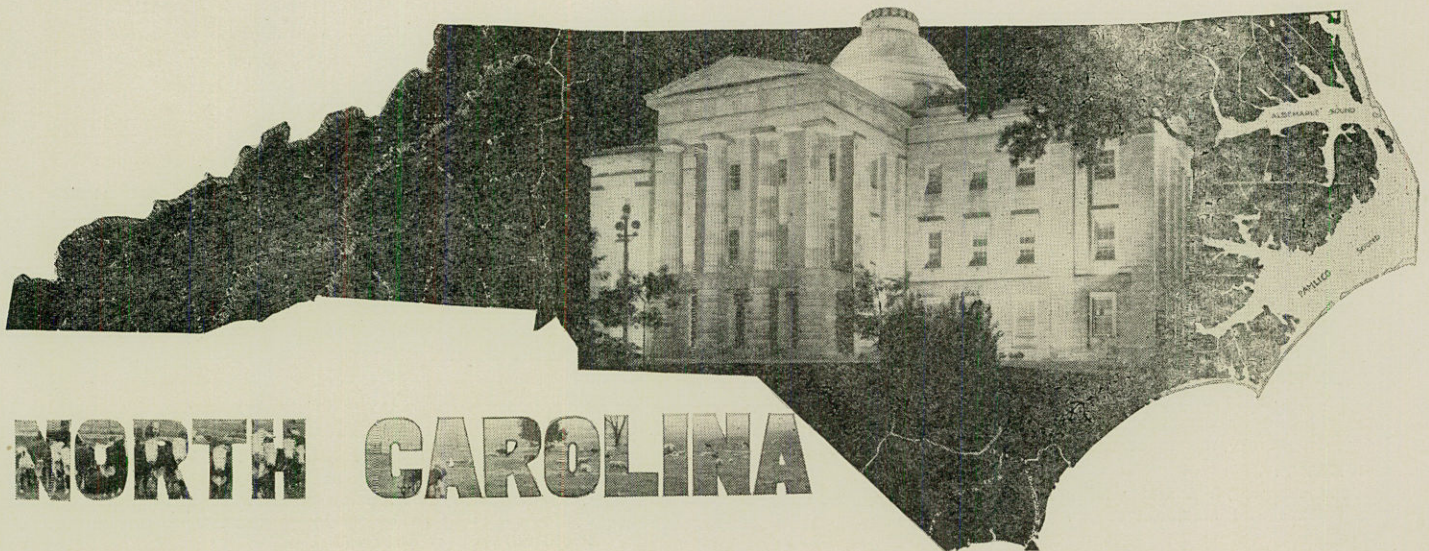
1929 SUMMARY ISSUE

NUMBER 56

FARM FACTS 1927 1930

THE STATE THAT OFFERS DIVERSIFIED ATTRACTIONS

*From the sea to the mountains it lies.
Both sugar cane and maple sugar are produced.
The climate is mild, offering winter and summer attractions.
Its rainfall is from 40 to 80 inches—no more needed.
The people are the purest Angle-Saxon to be found.
Markets are convenient for rail and truck shipments.
Industrial opportunity is available on every hand.
All that is needed is some one who has foresight.
Those with ambition—not bound by precedent, needed.*



From the Commissioner

This issue of the *Farm Forecaster* is known as the annual issue. The work has been carefully prepared and contains much valuable information which I hope will be useful to those into whose hands this publication shall come. Our farmers must be business men and study questions relating to their occupation. They must not only diversify, but must conserve and coordinate the gains already made. Many interesting facts that should govern future activities are found in this publication. While agriculture is, at present, depressed, my advice to the farmers is that they make the best of the situation is which they find themselves; that they press forward with the determination to bring agriculture to its rightful place by using past mistakes not as barriers but as stepping stones to nobler achievement. In conclusion, I wish to express my thanks to those who have labored so faithfully to make this work a success. Their efforts have been well worth while, and I am sure this will be the verdict of those whose privilege it is to receive a copy of this issue of *The Forecaster*.

Raleigh, May 26, 1930.

WILLIAM A. GRAHAM,
Commissioner of Agriculture.

It's in here - find it.

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FARM FORECASTER

CROP AND LIVE STOCK REPORT FOR NORTH CAROLINA

W. A. GRAHAM, Commissioner of Agriculture
WILLIAM H. RHODES, Jr., Associate Agricultural Statistician

W. F. CALLANDER, Chairman Crop Reporting Board (U. S.)
FRANK PARKER, Agricultural Statistician

REVIEW OF 1929

The farmer is primarily interested in profits, just as any one else is. Profits have increasingly been on the negative or red side of the ledger. The low prices paid were due largely to an over supply—over production in relation to the demand—requirements of the markets. The trade or “speculators,” as some call them, are merely the buyers (market) of farm products. Speculation seldom occurs with any of our North Carolina crops except cotton. Tobacco, peanuts, truck and small grains are bought directly for the consumers.

The farmer's psychology seems to be that when prices are low, he must produce more in order to meet their usual requirements. He seldom studies the prices and demands for a period of years, which might enable him to avoid depressions and to take advantage of good pros-

pects. Even when he “sees” the situation, he says, “But I can't switch from one crop to another or from crops to livestock at will. I have my work stock, special implements, inadequate buildings, no pastures and no finances to aid in the shift, even if I wanted to.”

Cash Crops

Our cotton and tobacco January Forecaster graphs showed the trends of supply and demand in relation to prices for many years. The prices of these continued their downward cycles. The demand of tobacco is good, while that of cotton is weak. Cotton mills are also losing money. Peanuts brought the lowest prices for many years. The cleaners (buyers) claim that the public demand is for medium sized nuts for eating. The street trade of parched (large) nuts is declining. Truck and fruit crops were very spotted in production and prices. Of

course, quality factors are highly important with these. Peaches were very faulty. Apples were scarce. Irish potatoes brought fair prices, due solely to the greatly reduced acreage, for the yields were heavy. Cantaloupes and watermelons were unprofitable. Most cantaloupes were very faulty in quality. Melons were overproduced.

The long standing isolation, prejudices or habits, and tiring labor of farmers are largely responsible for their failure to take more advantage of the free advice and information available for their better guidance. Until manufactures begun to keep and to observe records and trade reports and to be loyal to their organizations, they, too, suffered privations.

The year 1929 ended with farmers broke or blue. Knowing no other profession, they feel that they have to go ahead in 1930 as near usual as their health and equipment permits.



An Ashe County valley scene. Hay is the main crop. Sheep and cattle are grown extensively. This is the county where farm folks really live and are not dependent on cash crops. Their soils are fertile after 100 years cropping.

OUTLOOK FOR 1930

The year begun with the usual agricultural Outlook report from a well chosen body of agriculturists from all over the United States. This Board reviewed the economic results and reactions of previous years, in relation of production and consumption to prices. The wise farmer made out his 1930 plans accordingly.

The March Intentions to Plant report was made up from the individual intentions of thousands of farmers from each State. This assumption has previously given a good cross-section or sample of the general intentions. Again the wise farmer continued or altered his planting plans to avoid evident excesses or deficiencies indicated. These reports are not forecasts, but mere digests and indications made available to farmers after the previous harvest and before the new planting season. Our Southern farmers take least advantage of these. Why is this so?

May Outlook

The year 1930 to the middle of May has been unusually dry. A good rain occurred the middle of May which relieved conditions considerably. Farmers were becoming distressed. Very poor stands of

April and May planted seeds were obtained. Early potatoes were daily losing in prospective yields. Truck crops generally were suffering. Even fruits were shedding and showing deficient development. Small grains suffered. All spring crops are belated.

The favorable side of the dry situation was that land could be given perfect cultivation and a maximum of grass and weeds killed at least cost. It is hoped that the boll weevils suffered thereby. This was a good season to prove the advantages of frequent cultivation and the dust mulch. Perhaps the conditions have prevented tobacco farmers from planting as much acreage as had been intended.

There is no outstanding evidence that 1930 will be better agriculturally than

Please refer to pages 5 and 41 for the map showing district locations. These are prepared to aid in locating counties on the crop tabulation pages. The districts are used to bring together counties having similar farming conditions.

was last year. The cash crops promise to have almost as much acreage as was planted in 1929 when there was an over production. The buying power of the public in general is lower than a year ago. Large numbers of farms are “lying-out” or not being cultivated this year. The failure to be adequately financed will probably affect the acreages and yields of crops. The tax burden is a severe load on real estate. Foreclosures will not solve the problem.

The economic or business view point indicates that those products requiring a minimum of labor and fertilizers will be resorted to. One should grow that which is underproduced and which may be marketed satisfactorily. Try giving more time to simple farm records and the reading of appropriate bulletins, crop and market reports. Talks with agricultural leaders, bankers and supply merchants should yield many friendly and good suggestions—and should be accepted at face value.

There was never a better time for giving thought to the soil in the way of deep and frequent cultivation, the use of legumes for soiling purposes and to the developing of good permanent pastures. Cash crops may as well be given secondary consideration this year.

THE WHY AND HOW OF CROP REPORTS

THE STEPS IN CROP REPORTING

1. The regular schedule is mailed to the voluntary aids or reporters about the 25th of each month, together with a return franked (postage free) envelope.

2. The aid soon anticipates these and is somewhat prepared to answer it (having been watching the crops of his own and neighboring farms). He finds it the surest plan to fill it out as soon as he gets it, and mails it back at once, without waiting until the first of the month.

3. The several hundred returned schedules are listed by the eight districts and their counties on the morning of the 3rd of the month (unless that be Sunday). Any reports not in then are marked "Late." These reports are edited for reasonableness and evident misunderstandings. They are then summarized and averaged by counties. The resulting district averages are weighted in proportion to the importance of the crops in those areas. These averages are compared with previous months and years.

4. The reporters' comments are listed by districts in a way to show graphically the most frequently recurring statements. The Statistician makes a detailed report and recommendations to the National Crop Reporting Board and Washington—along with the district results of the reporters.

5. The Crop Reporting Board develops the National report, by States, much as the Statistician does his districts for the State indications.

6. Thus the State averages are not known until the report is completed by the Statist. The National forecasts or estimates likewise cannot be known until the report is completed. This is usually only a few minutes before it is released to all parts of the world at the same instant. This is done by wire and radio. The papers are always anxious to get these and carry them on the front page, where every one may learn the crop conditions within the amazingly short time of from 1 to 10 hours. In no other way could the farmer get a better service to himself or a stabilizing effect against the private reports.

HOW CROP REPORTS ARE MADE

The first requirement is a knowledge of the crops, human nature and the locality, on the part of the Statisticians who prepare the schedule or report form. The second need is many dependable and farmer aids. The third necessity is an understanding of the results of previous years. Fourth—all of these prerequisites must be assembled in the shortest possible time toward completing the official estimates or forecasts. While last, this must be supervised by an unprejudiced person.

THE STUMBLING BLOCKS OF FARMERS

Too many farmers follow precedent rather than reason.

We are not a studious—fact-seeking class.

We let the physical crowd out the mental part of farming.

Our isolation results in prejudices, pessimism and indolence.

We do not plan ahead—based on facts of proven experiences.

Time to wake up, or else to give up.

EDUCATIONAL SERIES

- I. WHY the Farm Census
- II. WHY Crop Reports
- III. HOW Crop Reports Are Made
- IV. HOW Crop Reports Are Used

Copies Available Upon Request

WHY CROP REPORTS FOR NORTH CAROLINA FARMERS

1. They are the basis of current crop development facts.

2. They serve as an inventory of crops.

3. One's judgment is limited to one's information.

4. One needs crop and market facts to buy, plan or sell.

5. They develop crop producers interested in farm facts.

6. Provide the farmers' market (buyers) facts on which to offer best prices.

7. Where uncertainty exists, a wide margin of profit is needed (for the risk).

8. Farm facts are needed by the farmers' friends—bankers, teachers, advisers, manufacturers, railroads, etc.

9. To provide an official check against private trade reports.

10. To provide impartial facts through unbiased Statisticians.

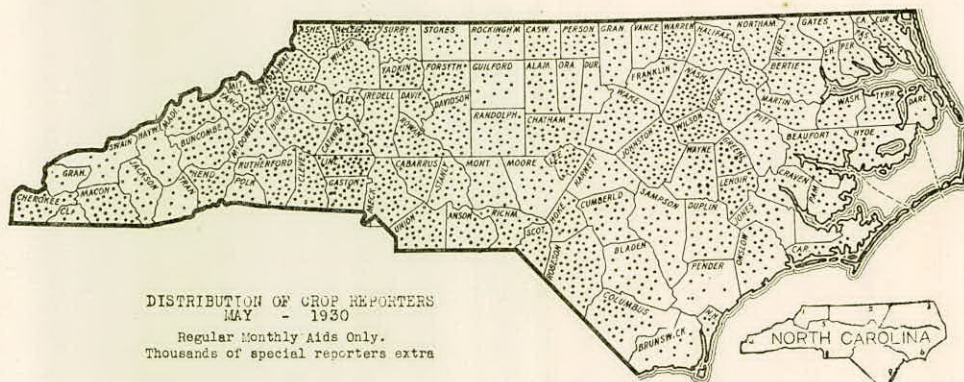
11. To aid the law of supply and demand in settling prices.

12. To provide county farm information—not otherwise available to them.

13. To convince farmers that crop reports are their friends—not enemies.

QUARTERLY ISSUES

The present plan is to issue the Farm Forecaster four times yearly. This is the annual summary. The next or July issue will contain historic data for a number of years, pertaining to individual crops and livestock.



If any doubt the reliability of crop reports let him first realize that he is questioning the statements of thousands of experienced farmers who are familiar with their local conditions. The law of averages evens up the pessimistic and optimistic judgments. All of these reporters give voluntary aid in exchange for the reports and benefits that they receive. They are due expressions of appreciation which we surely feel at all times. The Raleigh office is merely a clearing-house of the farmers' reported facts.

For related facts see pages 35, 37, 39, 42, 48

How to Understand the Information in This "Forecaster"

The Farm Forecaster is no newspaper, magazine or story book. It is a scientific clearing-house organ of North Carolina farm facts that have a bearing on the present and future of agriculture. It presents the results of previous years, with the idea that what has been will be again. It has required the combined information and opinions of over 200,000 farmers in this State to provide the acreage facts for 1929 alone. Thus, it is truly a farmer's facts publication. It should be not only read but studied, then placed where convenient for further study and reference. It represents a heavy cost; so take care of it accordingly.

Table of Contents

The table of contents on page 2 should serve as a convenient reference in locating special facts. On many pages references are shown at the bottom for related information. There is much more information in here than at first appears. It should be of great usefulness to all interested in agricultural education. A careful perusal and an immediate marking of interesting features will greatly aid in relocating wanted facts. The sooner we get away from the idea that figures are dead and uninteresting, the better off we will be.

We call attention to Commissioner

Graham's message on page 2. It speaks well for itself. In fact, most of the reading matter in this publication is understandable, and, if not, then one may presume that he will soon be behind time unless he becomes acquainted with our language. Statistics is the only universal language. It means the same to most of the peoples of the world. Then it deserves such importance. It is the foundation of business and scientific reckonings. It has grown by leaps and bounds during the past few years and is destined to be of a world power in the near future.

What It Offers

The opposite page should be helpful toward better appreciation of statistical facts in general. If one wants detailed State facts on crops, see pages 6 and 7. Comparisons of acreages or even values per acre are available there. Studies like that for cotton on page 8 offer county facts on individual crops. Here one may compare his own with other counties. For convenience of comparisons, 8 districts of counties are used. The maps on pages 5 and 41 locate these at a glance. The State at large is divided into Moun-

tain (western), Piedmont (central) and Coastal (eastern) counties. Thus one living in Davidson County might easily look for the central Piedmont District (5).

Remarks Concerning Tabulations

Comments are given in relation to each of the important crops shown as page tabulations. These carry State and National 11 year data. Helpful illustrations are shown. Special page facts are also explained on nearby pages. Page 23 shows interpretations of the 1929 Farm Census acreages into county percentages, making them easier to understand. Page 41 gives weather data, by counties, for 1929, as well as normal or mean averages of rainfall and temperature.

Commercial truck crop counties may be better appreciated by looking at page 22. The same is true of hays on pages 32 and 33, even though we know these data are not nearly complete. Every one is interested in county land values. These are shown in detail on page 40. Farm wages, by districts, are given on page 41.

Two items of importance are "Cost of Producing Crops" on page 41 and "The Reliability of Crop Estimates" on page 39, and deserve especial attention and examination.

Livestock Information

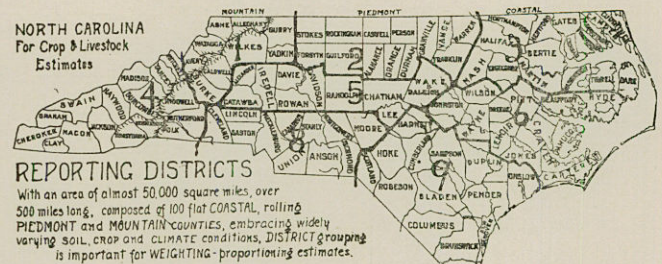
Livestock facts are given on pages 43 to 48. Attention is invited to page 42, where the rank of States in crop and livestock values are shown. These data are largely interpreted for your convenience.

HOW TO KEEP THIS COPY

Punch a hole in the upper left-hand corner and tie with a red string to use in hanging up conveniently and safely. If available, file where it can be readily located. It has much material worth referring to.



These Government Statisticians, divide the state into crop related districts, illustrated in the map at the side. This map relates to all the tabulation pages carrying district groups.



FIELD INVESTIGATIONS—Just as a farmer stays in his own house and understand what is going on with his livestock and in his fields, just so the statistician cannot properly interpret State and County conditions without personal field investigations. This is also necessary to get the farmers' viewpoints. Practical crop reports require a practical knowledge of the crops in relation to their local influences.

FIELD STATISTICIANS—At the left are shown Statisticians: Wm. F. Callander, Chairman of the Federal Crop Reporting Board; Chas. Townsend, Southern Truck Crop Statistician; Paul Koenig, National Fruit and Truck Crop Statistician; Frank Parker, State Statistician; John J. Morgan, Junior Statistician for North Carolina. In April they met at Mt. Olive concerning truck crop conditions.



State Field Statistician William H. Rhodes, Jr., examining peanut stacks just after harvest.

For related facts see pages 3, 5, 10, 35, 39, 42

NORTH CAROLINA CROPS

Season 1927, Revised 1928, and December Estimates 1929

CROPS	% of Harvested Crop Sold	Unit	ACREAGE			YIELD PER ACRE			PRODUCTION		
			1927	1928	1929	1927	1928	1929	1927	1928	1929
Corn, for grain	6	Bushels	2,251,000	2,207,000	2,161,000	22.80	18.50	22.50	51,323,000	40,830,000	48,622,500
Corn, for silage		Tons	16,000	14,000	14,000	5.50	5.00	6.50	88,000	70,000	91,000
Corn, for forage	2		85,000	84,000	84,000	2.10	2.00	2.10	178,500	168,000	176,400
Corn, all (except sweet & pop)		Bushels	2,352,000	2,305,000	2,259,000	22.80	18.50	22.50	53,626,000	42,643,000	50,827,500
Corn, leaf fodder & tops	8	Tons	1,350,000	1,200,000	1,265,000	.50	.51	.47	675,000	612,000	594,600
Corn, top fodder	2	Tons	376,320	380,000	405,000	.26	.26	.26	97,843	98,800	105,300
Winter wheat, planted			498,000	477,000	464,000						
Winter wheat, harvested	54	Bushels	483,000	444,000	457,000	10.70	11.60	11.70	5,168,000	5,150,000	5,346,900
Oats, for grain	6	Bushels	273,000	191,000	258,000	21.00	22.00	24.00	5,733,000	4,202,000	6,192,000
Barley, for grain	2	Bushels	20,000	32,000	40,000	24.00	23.00	24.00	480,000	736,000	960,000
Rye, for grain	62	Bushels	94,000	89,000	98,000	12.00	11.50	12.00	1,128,000	1,024,000	1,176,000
Buckwheat	67	Bushels	10,000	10,000	11,000	20.00	19.00	20.00	200,000	190,000	220,000
Sorghum, for syrup	30	Gallons	22,000	20,000	20,000	92.00	86.00	94.00	2,024,000	1,720,000	1,880,000
Sorghum, for forage	8	Tons	22,000	20,000	20,000	1.40	1.50	2.30	31,000	30,000	46,000
Cotton, planted			1,749,000	1,892,000	1,916,000						
Cotton, harvested (lint)	100	Pounds	1,728,000	1,860,000	1,878,000	*238.00	215.00	*190.00	861,000	836,000	*747,000
Cottonseed	63	Tons	1,728,000	1,860,000	1,878,000	443.09	398.71	351.47	382,834	370,800	330,034
Tobacco	96	Pounds	659,000	728,000	773,000	736.60	686.00	653.00	485,419,400	499,408,000	498,892,000
Potatoes, Irish (all)	77	Bushels	72,000	95,000	74,000	102.00	111.00	110.00	7,368,000	10,545,000	8,140,000
Potatoes, Irish (com. early)	88	Bushels	36,000	46,400	25,000	120.00	138.00	132.00	4,320,000	6,403,000	3,300,000
Potatoes, sweet	70	Bushels	89,000	80,000	78,000	114.00	98.00	117.00	10,146,000	7,840,000	9,126,000
Sugar cane	10	Gallons	1,000	1,000	1,000	115.00	105.00	133.00	115,000	105,000	133,000
HAY CROPS											
Clover, sweet	10	Tons	12,000	17,000	20,000	1.20	1.20	1.30	14,400	20,000	26,000
Clover, Japan	15	Tons	29,000	44,000	50,000	.70	.60	.70	20,300	26,000	35,000
Clover, red, alsike, etc.	19	Tons	59,000	55,000	52,000	1.10	1.10	1.10	64,900	60,000	57,200
Clover, all	17	Tons	100,000	116,000	122,000	1.00	.91	.97	99,600	106,000	118,000
Timothy	17	Tons	23,000	21,000	22,000	.90	1.10	1.00	21,000	23,000	22,000
Clover and Timothy mixed	18	Tons	43,000	43,000	45,000	1.15	1.10	1.10	49,450	47,300	49,500
Alfalfa	8	Tons	6,000	9,000	13,000	1.85	2.00	2.20	11,150	18,000	28,600
ANNUAL LEGUMES											
Cowpeas	12	Tons	105,000	85,000	46,000	.95	.93	.85	100,000	79,000	39,100
Soybeans	16	Tons	120,000	108,000	120,000	1.15	1.10	1.20	138,000	119,000	144,000
Velvet beans	0	Tons	3,000	2,700	2,500	.80	.80	.90	2,400	2,160	2,250
Vetch	5	Tons	15,000	16,000	17,000	.80	.90	1.00	12,000	14,400	17,000
Peanuts	13	Tons	175,000	185,000	198,000	.65	.65	.58	113,750	120,000	114,840
Total annual legumes	14		418,000	396,700	383,500	.88	.84	.83	366,150	334,560	317,190
GRAINS CUT GREEN for HAY											
Wheat	0	Tons	1,000	1,000	1,000	1.00	.80	1.00	1,000	800	1,000
Oats	10	Tons	75,000	59,000	73,000	.95	.91	1.00	71,250	53,690	73,000
Barley	3	Tons	2,000	3,000	3,000	1.30	1.00	1.10	2,600	3,000	3,300
Rye	6	Tons	34,000	33,000	33,000	.88	.80	.90	29,920	26,400	29,700
Total grains cut green	4	Tons	112,000	96,000	110,000	.94	.87	.97	104,770	83,890	107,000
Other tame hay	14	Tons	91,000	91,000	91,000	1.50	1.51	1.75	136,500	137,200	150,250
All tame hay (total)	6	Tons	793,000	772,700	786,500	.99	.97	1.02	788,620	749,950	801,880
Old meadow hay	9	Tons	100,000	103,000	107,000	.85	.85	.90	85,000	88,000	96,300
All wild hay	8	Tons	52,000	52,000	52,000	1.10	1.15	1.15	57,200	59,800	59,800
LEGUMES FOR SEED											
Dry field beans	18	Bushels	2,000	2,000	2,000	5.00	4.50	4.00	10,000	9,000	8,000
SOYBEANS											
Total (equivalent solid)			304,000	326,000	370,000						
For beans, total production	78	Bushels	184,000	218,000	250,000	17.00	15.00	14.00	3,128,000	3,270,000	3,500,000
Actually harvested (equiv.solid)		Bushels	94,000	120,000	162,000	15.00	11.50	12.00	1,410,000	1,380,000	1,944,000
COWPEAS											
Total (equivalent solid)			277,000	209,000	114,000						
For peas (total production)	40	Bushels	172,000	124,000	68,000	12.00	9.00	12.00	2,064,000	1,116,000	816,000
Actually harvested (equiv.solid)		Bushels	89,000	53,000	50,000	9.00	6.50	9.00	801,000	344,000	450,000
VELVET BEANS											
Total (all purposes)	8	Tons	8,000	11,000	14,000	.65	.65	.65	5,200	7,000	9,100
PEANUTS											
For nuts solid	95	Pounds	227,000	228,000	245,000	954.00	1050.00	1020.00	216,558,000	239,400,000	249,900,000
FRUIT*											
Apples, agricultural	59	Bushels	4,730,000	4,700,000	4,600,000				1,825,000	5,040,000	2,628,000
Apples, commercial	74	Barrels	370,000	370,000	360,000				91,000	250,000	150,000
Peaches, agricultural	56	Bushels	5,000,000	4,900,000	4,400,000				1,300,000	2,590,000	1,400,000
Peaches, commercial	81	Bushels	2,700,000	2,600,000	2,300,000				1,000,000	2,025,000	950,000
Pears, total	43	Bushels	230,000	230,000	220,000				100,000	234,000	205,000
Grapes	69	Tons							5,135	6,000	5,320
Pecans	60	Pounds	29,000	30,000	37,000				450,000	400,000	420,000
COMMERCIAL TRUCK											
Snap beans	88	Hampers	4,480	6,500	5,900	85.5	87.0	75.0	383,000	566,500	442,500
Cabbage	82	Tons	780	680	850	4.2	5.0	7.0	3,300	3,400	5,950
Cantaloupes	62	Crates	2,310	2,310	1,000	115.0	113.0	70.0	265,650	261,030	70,000
Watermelons	82	Melons	5,610	5,610	5,440	359.0	300.0	180.0	2,014*	1,683*	*900
Lettuce	92	Crates	1,490	1,490	1,160	190.0	160.0	170.0	283,100	238,400	197,200
Cucumbers	66	Hamper	4,340	4,340	4,200	176.0	132.0	125.0	768,340	572,880	525,000
Green peas	94	Hampers	3,360	4,390	3,100	70.0	80.0	70.0	277,200	351,200	217,000
Peppers	81	Bushels	620	670	630	130.0	200.0	250.0	80,600	134,000	157,500
Strawberries	89	Quarts	5,800	6,200	5,500	267.20	268.70	255.00	16,657,600	16,659,400	14,025,000
Sweet corn	82	Crates	2,200	2,000	2,200	110.0	100.0	110.0	242,000	200,000	242,000
Carrots	80	Bushels	680	450	400	200.0	200.0	175.0	136,000	90,000	70,000
Beets	84	Bushels	280	300	290						

*NOTES: Cotton yields shown in lint pounds per acre and production in bales. Fruit: Fruit estimates appearing under Acreage Columns represent total number bearing trees in orchards. Watermelons: Production estimates of watermelons are shown in car lots. Yield estimates represent number melons produced per acre.

NORTH CAROLINA CROPS

Season 1927, Revised 1928, and December Estimates 1929

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PRICE PER UNIT (December 1)			TOTAL VALUE			VALUE PER ACRE			Production Rank of State	Leading State in Production	CROPS
1927	1928	1929	1927	1928	1929	1927	1928	1929			
.91 6.00	1.03 6.00	1.00 6.30	46,703,930 528,000	42,054,900 420,000	48,622,500 573,300	20.75 33.00	19.10 30.00	22.50 40.95	18 --	15 --	Iowa -----

Price per unit of tobacco is shown in dollars per 100 pounds.

*NOTE: Figures in the table above are largely those adapted by the United States Crop Reporting Board and differ somewhat from the State data appearing on other pages which are based on the State Farm Census enumerations.

For related facts see pages 3, 36, 38, 40, 42, 44

NORTH CAROLINA COTTON

DISTRICTS AND COUNTIES	Acreage Planted			Yield			Production Estimated			Price			Total Value of Crop			Value		
	Acres			perAcre Pounds			Bales			Per Pound						Per Acre		
	1927	1928	1929	'27	'28	'29	1927	1928	1929	'27	'28	'29	1927	1928	1929	1927	1928	1929
DISTRICT 1										c	c	c	\$	\$	\$	\$	\$	\$
Alleghany																		
Ashe																		
Avery																		
Caldwell	625	565	644	236	241	236	309	285	318	20.0	18.3	17.0	29,500	24,918	25,837	47.20	44.10	40.12
Surry	42	8		237	228		21	4		19.0	18.8		1,891	343		45.02	44.12	
Watauga																		
Wilkes	281	431	346	231	227	220	136	205	159	20.0	18.6	16.8	12,982	18,198	12,788	46.20	42.22	36.96
Yadkin	911	931	958	235	246	225	448	479	451	21.0	19.0	16.0	44,958	43,515	34,488	49.35	46.74	36.00
Northern Mountain (NW.)	1,859	1,935	1,948	235	236	228	914	973	928	20.4	18.7	16.5	89,331	86,974	73,113	48.05	44.95	37.53
DISTRICT 4—Buncombe																		
Burke	1,697	3,860	4,595	237	242	250	841	1,954	2,403	20.1	19.0	16.8	80,840	177,483	192,990	47.64	45.98	42.00
Cherokee																		
Clay																		
Graham																		
Haywood																		
Henderson																		
Jackson										19.8	18.8							
McDowell	24	45	50	242	242	250	122	23	26			16.5	1,150	2,047	2,063	47.92	45.48	41.26
Macon																		
Madison																		
Mitchell										20.0	18.7							
Polk	8,249	11,550	11,759	250	232	277	4,314	5,606	6,814	19.7	18.8	16.8	412,450	501,085	527,673	50.00	43.38	46.54
Rutherford	25,034	37,121	41,290	254	252	291	13,303	19,570	25,137			16.9	1,252,651	1,758,644	1,946,493	50.04	47.37	49.18
Swain																		
Transylvania																		
Yancey																		
Western Mountain (W.)	35,004	52,576	57,694	254	242	285	18,580	27,153	34,380	19.6	18.8	16.9	1,747,091	2,439,259	2,772,871	49.91	46.39	48.06
DISTRICT 2—Alamance	3,868	4,231	4,429	263	241	180	2,128	2,133	1,510	20.5	18.7	18.0	208,543	190,678	129,947	53.91	45.06	29.34
Caswell	532	257	494	250	233	170	278	125	176	20.3	18.6	17.3	26,999	11,125	14,529	50.75	43.28	29.41
Durham	3,116	2,270	3,001	230	247	180	1,499	1,173	1,130	20.5	18.8	17.0	146,919	105,410	91,831	47.15	46.43	30.60
Forsyth	487	1,005	1,047	238	233	220	242	490	482	19.0	19.1	18.0	22,022	44,726	41,461	45.22	44.50	39.60
Franklin	38,957	43,552	42,075	251	214	162	20,457	19,498	14,260	19.0	18.7	17.2	1,857,859	1,742,864	1,172,378	47.69	40.01	27.86
Granville	5,115	4,240	4,029	255	201	194	2,729	1,783	1,635	20.3	18.6	17.1	264,778	158,517	133,658	51.77	37.38	33.17
Guilford	1,187	2,380	2,454	230	233	200	571	1,160	1,027	20.7	18.6	17.0	56,513	103,144	83,436	47.61	43.33	34.00
Orange	3,624	4,028	4,056	208	249	172	1,577	2,098	1,459	20.1	18.7	17.2	151,512	187,556	119,993	41.81	46.56	29.58
Person	156	34	7	200	233	180	65	17	3	20.5	18.7	17.1	6,396	1,481	215	41.00	43.55	30.71
Rockingham	48	23	12	250	234	160	25	11	4	20.1	18.7	17.0	2,412	1,006	326	50.25	43.73	27.17
Stokes		23			232			11			18.6			992				43.13
Vance	8,228	10,128	10,172	246	223	204	4,234	4,725	4,341	20.1	18.7	17.0	406,842	423,340	352,765	49.45	41.79	34.68
Warren	31,186	33,716	37,629	262	242	207	17,094	17,070	16,295	19.7	18.8	17.0	1,609,634	1,533,943	1,324,165	51.61	45.49	34.19
Northern Piedmont (N.)	96,504	105,887	109,405	252	233	185	50,899	50,294	42,322	19.6	18.7	17.1	4,760,429	4,504,782	3,464,704	49.33	42.54	31.67
DISTRICT 5—Alexander	4,933	4,899	5,165	239	197	240	2,467	2,019	2,593	19.5	18.7	17.0	229,902	180,474	210,732	46.60	36.84	40.80
Catawba	19,373	22,597	22,842	234	239	236	9,484	11,299	11,278	19.7	19.1	17.0	893,057	1,031,530	916,421	46.10	45.65	40.12
Chatham	15,073	18,757	16,959	231	203	146	7,284	7,966	5,180	19.9	18.8	16.3	692,891	715,842	403,590	45.97	38.16	23.80
Davidson	5,020	5,403	5,301	241	221	215	2,531	2,498	2,384	19.8	18.7	17.0	239,544	223,290	193,752	47.72	41.33	36.55
Davie	7,140	8,564	9,519	237	207	216	3,540	3,709	4,501	19.4	18.8	17.0	328,283	333,277	365,720	45.98	38.92	38.42
Iredell	38,442	41,870	42,313	238	216	229	19,141	18,920	21,157	20.0	18.7	16.7	1,829,839	1,691,213	1,688,839	47.60	40.39	39.91
Lee	12,605	13,318	13,588	228	233	153	6,012	6,492	4,349	19.4	19.2	16.6	557,544	595,794	345,108	44.23	44.74	25.40
Randolph	3,504	4,925	4,987	236	224	168	1,730	2,308	1,753	20.0	18.6	16.8	165,389	205,195	140,753	47.20	41.66	28.22
Rowan	26,613	33,227	36,242	257	219	235	14,309	15,223	17,818	20.2	19.1	17.1	1,381,587	1,389,852	1,456,385	51.91	41.83	40.18
Wake	53,219	57,603	56,832	231	186	148	25,719	22,025	17,597	19.8	18.7	17.0	2,434,131	1,968,766	1,429,893	45.74	34.18	25.16
Central Piedmont (C.)	185,922	211,163	213,748	237	214	198	92,217	92,459	88,610	19.9	18.8	16.9	8,752,167	8,335,233	7,151,193	47.07	39.47	33.46
DISTRICT 8—Anson	53,897	56,500	58,367	220	196	142	24,806	23,167	17,339	19.7	18.8	17.0	2,336,093	2,081,912	1,408,979	43.34	36.85	24.14
Cabarrus	29,784	28,296	30,534	217	225	220	13,521	13,319	14,053	19.8	19.0	16.8	1,279,699	1,209,654	1,128,537	42.97	42.75	36.96
Cleveland	65,376	75,049	79,428	283	273	316	38,706	42,863	52,509	19.6	19.0	17.0	3,626,276	3,892,792	4,091,177	55.47	51.87	53.72
Gaston	27,639	32,335	33,683	242	254	271	13,993	17,182	19,096	20.5	18.8	17.0	1,371,171	1,544,061	1,551,776	49.61	47.75	46.07
Lincoln	28,623	25,473	35,747	228	252	275	13,653	13,429	20,566	20.1	18.8	16.5	1,311,735	1,206,809	1,622,020	45.83	47.38	45.37
Mecklenburg	58,141	65,668	67,627	242	236	245	29,435	32,422	34,662	20.0	19.0	17.0	2,814,024	2,868,553	2,81			

COTTON GINNINGS (Running Bales)

COUNTIES	October 1		November 1		December 1		January 16			Final for Season			Active Gins
	1928	1929	1928	1929	1928	1929	1928	1929	1930	1927	1928	1929	1929
Alamance			651		1,431		1,617	2,078	1,661	1,763	2,196	1,900	10
Anson	3,945	1,965	16,223	10,632	21,030	14,660	27,656	22,599	16,990	27,987	22,928	17,452	46
Beaufort	217		4,868	2,631	7,786	4,229	7,126	8,652	4,756	7,288	9,020	4,804	13
Bertie	408		4,549	2,203	8,496	5,430	9,406	10,610	7,303	9,959	11,116	7,496	16
Bladen	702	721	4,284	3,766	5,558	5,125	6,344	5,811	5,395	6,367	5,825	5,422	8
Cabarrus	613	986	6,204	7,793	9,883	11,799	12,212	11,617	14,459	12,342	11,963	14,861	20
Camden	150		1,992	1,213	2,590	1,896	2,401	2,724	2,165	2,404	2,788	2,215	6
Catawba	165	345	5,083	7,168	9,919	11,623	9,917	12,492	15,259	10,375	13,297	16,087	20
Chatham	80		2,956	1,606	5,440	3,188	7,530	6,581	4,436	7,741	6,782	4,670	23
Chowan	493		3,369	1,939	4,760	2,534	5,001	5,253	2,955	5,068	5,289	3,005	6
Cleveland	2,937	2,357	28,537	30,611	45,343	47,496	47,523	51,416	59,982	48,699	53,921	64,287	49
Columbus			395		710	1,725	1,719	814	1,867	1,719	826	1,873	4
Craven	173		1,889		2,034	1,731	1,858	2,305	1,952	1,486	2,376	1,980	4
Cumberland	3,119	3,463	13,582	12,485	16,236	15,850	17,050	16,781	16,883	17,085	16,848	16,990	31
Currituck											1,143	1,390	5
Davidson			430	448	1,326	1,261	1,708	1,947	2,114	1,845	2,041	2,279	8
Davie	35	147	1,649	2,222	3,305	3,743	4,013	4,482	5,484	4,891	4,929	6,114	10
Duplin	814	528	5,568	5,194	6,862	6,742	9,315	7,256	7,368	9,560	7,327	7,424	12
Durham			393		773					1,242	1,064	530	6
Edgecombe	853	278	13,248	7,913	21,403	14,357	25,475	24,677	17,874	26,358	25,418	18,736	49
Franklin	802		11,071	5,392	17,212	9,223	18,676	19,590	12,463	19,303	20,010	12,964	29
Gaston	470	481	6,330	6,869	10,431	10,321	12,105	12,871	13,065	12,459	13,273	13,670	15
Gates			2,844	1,983	4,429	3,947	4,718	5,033	4,754	4,858	5,131	4,892	11
Granville			427		808		873	1,006	1,038	931	1,052	1,102	5
Greene	94		2,838	1,002	5,216	1,895	8,122	6,809	3,029	8,275	7,044	3,128	8
Halifax	1,169	142	19,664	11,656	33,826	23,892	37,724	41,256	32,051	39,413	44,092	33,328	54
Harnett	4,777	7,192	25,089	23,046	29,752	28,482	35,139	33,264	30,827	35,811	33,425	30,978	31
Hertford	169		2,269	1,151	4,556	3,054	5,394	5,922	3,922	5,864	6,139	3,916	11
Hoke	2,852	1,991	10,510	6,953	13,694	9,075	13,513	14,156	9,925	13,527	14,188	9,969	14
Iredell	294	556	7,037	8,319	13,463	13,797	16,122	17,472	19,065	16,955	18,741	20,829	19
Johnson	2,923	3,991	27,401	23,299	37,641	33,593	50,843	40,792	38,846	51,274	41,251	39,265	66
Jones	103		1,113	865	1,463	1,065	1,867	1,678	1,168	1,937	1,605	1,187	4
Lee	466	106	4,662	2,663	7,568	4,351	8,685	8,240	5,606	8,752	8,332	5,701	12
Lenoir	463	174	6,014	2,997	8,743	4,623	9,708	10,004	5,755	9,787	10,200	5,792	19
Lincoln	793	707	7,712	10,217	12,919	15,484	12,369	15,216	18,768	12,707	15,586	19,488	27
Martin	84		2,323	833	4,141	2,116	4,880	5,077	2,800	5,023	5,213	3,029	6
Mecklenburg	966	1,326	11,384	12,641	17,548	18,555	22,174	20,491	23,721	22,745	21,299	25,197	24
Montgomery	441	265	3,591	2,363	5,461	4,038	5,657	6,298	5,285	5,825	6,371	5,497	15
Moore	281	112	3,023	1,750	4,621	2,707	5,705	5,054	3,240	5,768	5,100	3,369	14
Nash	945	173	20,407	9,219	31,963	16,589	39,806	37,706	22,484	40,794	39,103	23,369	44
Northampton	1,877	425	16,041	11,677	26,952	22,069	28,310	32,452	28,950	29,603	34,134	29,990	31
Onslow			702		1,270	1,370	1,234	1,502	1,608	1,262	1,571	1,626	7
Orange			563	173	1,204	511	1,530	1,696	1,115	1,648	1,776	1,301	9
Pamlico			1,385		1,767	1,128	1,068	1,816	1,151	1,078	1,824	1,253	5
Pasquotank			1,242	457	1,979	857	2,122	2,296	1,019	2,222	2,344	1,097	3
Perquimans	428		4,259	1,712	5,932	2,771	5,181	6,339	3,119	5,556	6,386	3,273	7
Pitt	343		7,745	2,152	13,660	4,236	19,216	17,062	6,631	19,641	17,579	6,861	21
Polk			1,549	2,470	2,909	3,916	2,825	3,656	5,083	3,013	3,965	5,524	4
Randolph			393		1,256		1,437	1,628	1,328	1,540	1,724	1,444	10
Richmond	2,251	1,157	10,372	5,733	13,060	7,667	14,838	13,487	8,455	14,886	13,560	8,715	42
Robeson	5,338	7,624	28,213	27,658	36,945	38,064	40,098	38,571	40,044	40,210	38,672	40,549	60
Rowan	287	1,173	6,005	7,692	11,075	11,465	12,588	14,339	14,916	13,279	15,155	15,977	31
Rutherford	824	632	8,811	10,146	13,936	15,594	13,143	17,034	21,456	13,762	17,821	23,313	20
Sampson	3,432	5,288	17,920	18,737	22,001	24,179	29,070	23,283	25,803	29,213	23,478	25,992	40
Scotland	4,607	2,543	16,965	10,725	21,562	14,337	25,433	22,209	16,109	25,450	22,252	16,186	23
Stanly	957	235	6,618	5,178	9,715	8,010	10,596	11,374	10,232	10,716	11,489	10,527	12
Union	2,628	635	20,681	16,133	28,347	23,704	34,462	30,871	28,978	34,909	31,451	30,239	37
Vance			2,922	1,695	4,992	3,369	4,855	5,846	5,130	5,252	6,097	5,489	4
Wake	1,785	973	17,537	9,686	24,452	14,068	29,620	27,429	17,641	30,152	27,954	18,152	62
Warren	358	121	8,632	6,750	14,639	12,425	13,615	17,248	17,644	14,619	17,657	18,744	21
Washington	59		1,147		1,534				1,144	1,796		864	10
Wayne	1,144	603	13,232	7,898	19,088	12,487	25,657	21,135	14,928	25,970	21,554	15,251	42
Wilson	605	174	11,199	5,005	17,065	8,692	23,530	19,716	11,762	23,741	19,964	12,001	28
All Others	367	605	2,014		4,546	8,237	6,759	8,283	8,271	5,224	4,793	6,234	20
State Total	60,086	50,193	497,126	390,914	740,286	599,352	858,638	845,202	738,088	879,677	869,248	766,787	1,323
STATES													
Alabama	335,969	578,273	818,005	1,091,359	1,024,196	1,200,092	1,169,121	1,087,328	1,296,078	1,173,430	1,096,624	1,307,572	1,366
Arizona	27,185	18,439	61,567	59,636	95,389	103,147	81,266	128,742	140,443	90,281	145,731	149,466	74
Arkansas	361,775	538,687	761,099	1,061,726	1,020,138	1,251,765	939,749	1,156,242	1,351,514	979,481	1,216,241	1,395,099	1,264
California	20,280	13,346	81,635	98,451	124,813	178,910	80,354	149,634	228,189	89,998	171,042	254,566	74
Florida	11,265	24,868	17,701	28,883	19,608	29,717	17,276	19,909	29,830	17,361	20,053	29,848	53
Georgia	308,885	577,978	784,408	1,031,400	970,836	1,176,882	1,103,156	1,038,027	1,305,168	1,111,399	1,053,205	1,339,446	1,615
Louisiana	370,343	543,232	686,177	745,505	663,475	781,335	539,717	682,489	798,144	543,153	685,868	798,098	753
Mississippi	560,276	908,124	1,099,999	1,540,739	1,347,010	1,692,572	1,328,214	1,428,328	1,813,762	1,346,489	1,462,021	1,875,155	1,487
Missouri	13,575	23,073	49,229	102,331	94,610	161,553	105,055	134,983	198,314	116,024	146,921	220,820	134
New Mexico	6,129	8,381	33,184	37,028	57,335	64,916	64,195	76,956	84,355	64,920	82,177	86,296	44
Oklahoma	268,081	255,102	752,864	704,878	949,188	960,035	979,257	1,151,417	1,104,630	1,009,626	1,187,042	1,125,345	975
South Carolina	120,670	162,460	513,360	535,965	681,552	702,568	729,883	731,642	809,587	738,550	744,390	832,454	1,379
Tennessee	64,757	71,476	218,680	297,341	329,504	395,907	340,377	404,656	472,918	355,975	423,471	504,311	455
Texas	2,430,885	2,130,179	3,865,022	3,142,858	4,402,175	3,517,877	4,131,248	4,805,988	3,763,841	4,229,367	4,941,545	3,802,574	3,728
Virginia	968	344	20,729	17,130	36,618	35,717	28,474	42,566	45,855	30,705	44,764	47,945	129
All Other States	230	1,178	1,697	6,930	3,121	6,620	5,467	4,873	6,593	6,676	6,206	8,802	15
United States	4,961,360	5,905,333	10,162,482	10,892,174	12,560,154	12,858,965	12,501,447	13,888,972	14,187,289	12,783,112	14,296,549	14,544,584	14,868

GINNING SEASON	NORTH CAROLINA				UNITED STATES				
	*Running Bales	*Average Bale Weight	500-Pound Bales	Active Gins	Running* Bales	Average Bale Weights*	500-Pound Bales	Active Gins	Average Price
1929	766,787	487.1	746,962	1,322	14,544,584	509.5	14,821,499	14,867	17.4
1928	869,248	481.1	836,471	1,397	14,296,549	506.3	14,477,874	14,974	18.0
1927	879,677	489.7	861,468	1,455	12,783,112	506.8	12,956,043	14,863	20.2
1926	1,246,754	486.4	1,212,819	1,574	17,755,079	506.3	17,977,374	15,753	12.5
1925	1,147,340	480.2	1,101,799	1,632	16,122,516	499.6	16,103,679	15,482	19.6
1924	890,147	479.8	825,324	1,648	13,639,399	499.6	13,627,936	15,478	22.9
1923	1,053,402	484.2	1,020,139	1,690	10,170,694	498.5	10,139,671	15,298	28.7
1922	879,294	484.4	851,937	1,730	9,729,306	501.7	9,762,069	15,420	22.9
1921	803,620	483.0	776,222	1,807	7,977,778	498.5	7,953,641	16,192	16.9
1920	949,484	487.0	924,761	1,961	13,270,970	506.4	13,439,603	18,440	15.8
1919	857,253	484.3	830,293	2,020	11,325,532	504.2	11,420,763	18,815	35.4
1918	919,338	488.3	897,761	2,096	11,906,480	505.6	12,040,532	19,259	28.8
1917	656,656	470.6	617,989	2,245	11,248,242	502.4	11,302,375	20,351	27.1
1916	693,672	471.8	654,603	2,380	11,363,915	503.8	11,449,930	21,624	17.3
1915	737,354	474.3	699,494	2,514	11,068,173	505.6	11,191,820	23,162	11.2
1914	970,479	479.5	930,631	2,625	15,905,840	507.2	16,134,930	24,547	7.3
1913	837,995	472.9	792,545	2,715	13,982,811	506.2	14,156,486	24,749	12.5
1912	906,351	477.5	865,653	2,810	13,488,539	508.0	13,703,421	25,279	11.5
1911	1,126,276	477.6	1,075,826	2,897	15,553,073	504.5	15,692,701	26,349	9.6
1910	753,087	468.8	706,142	2,821	11,568,334	501.7	11,608,616	26,234	14.0

NORTH CAROLINA COTTON

By studying the cost of producing cotton on page 41, it will be observed that the last figure on the "profit or loss" shows a profit for each of the last three years but a loss for 1926. The notes under that table clarify the fact that these data do not represent the average cost of producing cotton on all farms, but only the averages of those farms which reported. The yields reported clearly indicate that these farms were more productive than the average which might also be interpreted to mean that the profits were also above the average.

The middle section of the graph "B" on page 35 indicates that the dotted price line may continue to decline as it has done since 1927. This graph illustrates that the lowest price levels of cotton occur approximately each six years, and that low point is below 12 cents. We are in the fourth year of the present cyclical trend. Another graph herewith shows rather distinctly that when the production of cotton goes up, the price goes down. By combining the production with the carry-over of surplus stocks each year, the cor-

relation of supplies to prices is most amazing. This indicates that it is not the speculative market, but the law of supply and demand which largely effects the price of cotton. By omitting the war period (1915 to 1919) and the readjustment years immediately following, the graph distinctly correlates production and prices in a negative way.

Early Cotton Reports Prohibited

No report has been issued in 1930 concerning the cotton crop for the reason that the Crop Reporting Board is not permitted to predict prices or to forecast the production prior to July, and even then not by States. This handicaps cotton farmers by keeping from them important information.

It is suggested that any analysis of the cotton situation requires consideration of the world's cotton production as an important factor. This information is given below, as are also tables for the State and the United States productions.

The crop of 1929 showed an area comparatively free of the boll weevil, extending from Cleveland to Guilford county and westward. Cleveland was par-

ticularly fortunate in this respect and undoubtedly most of the cotton farmers there made profits. The Coastal counties suffered severely from weevil devastation. North Carolina is only recently beginning to feel a real sample of boll weevil ravages. The farmers in the eastern and southeastern counties cannot hope to make satisfactory yields in competition with the Texas, Oklahoma and other semi-arid and irrigated areas.

Outlook for 1930

The 1930 cotton situation, looked at from the middle of May prospects, is both favorable and unfavorable. The weather conditions were too dry to permit of satisfactory germination of seed. A dry year is usually a good cotton yield year. It is the July and August weather which largely determines the probable outturn or yield of the year's crop. If it be true that production has a close bearing on prices, most any cotton producer may fairly well anticipate the probable price of a given crop of cotton by knowing the forecasted production in relation to the effects of past years. No one needs to know these probabilities more than the farmers themselves.

WORLD'S PRODUCTION OF COMMERCIAL COTTON BY COUNTRIES, 1922-1929

(Bales of 478 pounds lint for 500 pounds gross)

	1922	1923	1924	1925	1926	1927	1928	1929
	1,000 Bales	1,000 Bales	1,000 Bales	1,000 Bales	1,000 Bales	1,000 Bales	1,000 Bales	1,000 Bales
United States	9,729	10,171	13,639	16,123	17,755	12,783	14,297	14,545
India (2)	4,220	4,400	5,100	4,845	4,230	4,715	4,865	4,452
Russia	55	260	453	737	738	983	1,208	1,325
Egypt	1,229	1,289	1,450	1,610	1,695	1,250	1,660	1,642
China (2)	1,360	1,420	1,320	1,400	1,335	1,930	1,550	(3)
Brazil	535	575	605	602	449	492	520	(3)
Mexico	178	138	280	202	396	179	272	(3)
Peru	190	201	200	185	245	215	210	*210
All other countries	430	582	789	962	970	866	1,029	(3)
Total	17,926	19,036	23,836	26,666	27,813	23,413	25,611	(3)

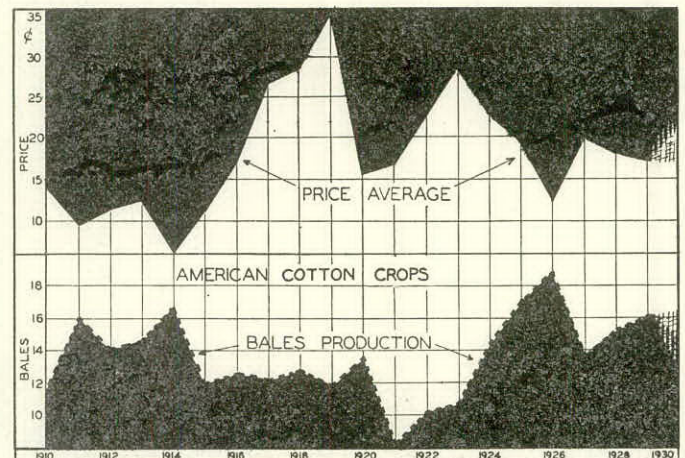
Source: "Cotton Production and Distribution," Bulletin 166 United States Department of Commerce.

(1) In running bales.

(2) Consists of cotton exported and cotton consumed in spinning mills.

(3) No official report available at date of printing for China, Brazil and some other countries.

* Preliminary estimate.



COTTON (Lint)

UNITED STATES

YEAR	Acreage (1000 acres)	Yield per acre lbs.	Production Bales (1000 bales)	Price per lb. cents	Total Value dollars (\$1000)
1929*	45,981	155.3	14,919	16.4	1,225,032
1928	45,341	152.9	14,478	18.0	1,301,796
1927	40,138	154.5	12,945	19.6	1,269,885
1926	47,087	182.6	17,997	10.9	982,736
1925	46,053	167.2	16,104	18.2	1,464,032
1924	41,360	157.4	13,628	22.6	1,540,884
1923	37,123	130.6	10,140	31.0	1,571,829
1922	33,036	141.2	9,755	23.8	1,160,968
1921	30,509	124.5	7,954	16.2	643,933
1920	35,878	178.4	13,440	13.9	933,658

*1929 Figures preliminary—Ginning 1929 season 14,544,000 bales.

COTTON (Lint)

NORTH CAROLINA

YEAR	Acreage	Yield per acre lbs.	Production Bales	Price per lb. cents	Total Value dollars
1929	1,892,000	188	745,000	17.4	61,872,399
1928	1,860,000	215	836,000	18.5	73,891,500
1927	1,728,000	238	861,000	19.5	83,948,000
1926	1,985,000	292	1,213,000	11.5	69,748,000
1925	2,017,000	261	1,102,000	19.0	104,671,000
1924	2,005,000	196	825,000	22.6	93,262,000
1923	1,678,000	290	1,020,000	30.8	157,080,000
1922	1,625,000	250	852,000	24.5	104,326,000
1921	1,403,000	254	776,222	16.4	63,650,000
1920	1,587,000	275	824,761	14.5	67,045,000



Constant field examinations are required, especially in studying the cotton crop. Boll weevils are now the chief destructive factor to be watched.

For related facts see pages 5, 6, 8, 9, 35, 37, 39, 41

TOBACCO

From tobacco comes the largest percentage of cash money received by the North Carolina farmers. As indicated on page 12, the total value of the State's crop for the past three years has averaged close to one hundred million dollars, which is about one-third of the value of all crops. The lower right hand corner of the same table indicates that the value per acre of the tobacco crop was \$161 in 1927, declining steadily to the \$117 per acre figure last year.

Cost of Production

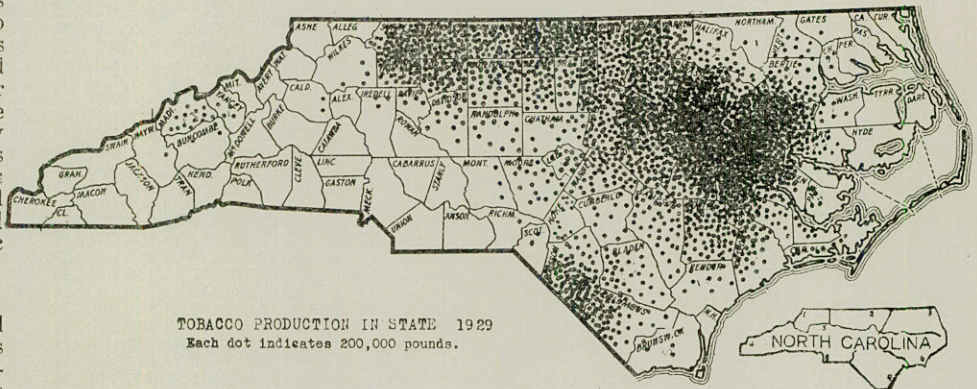
On page 41 concerning tobacco in the Cost of Production table, too great dependability on the comparison for the two years should not be given, as the farms reporting were not the same for the two years. While the total cost per acre was fairly near the same, the price received for the product was considerably higher in 1929 than in 1928, whereas in reality the 1929 general tobacco prices were slightly below those of 1928. At any rate, this table gives a clear idea of the factors entering into the cost of production and which each grower should keep in mind in studying his crop from an economic viewpoint.

Economic Studies Available

The tables below give the State and Bright Leaf Belt data for several years which might be analyzed to good advantage. Much the same relationship or the

effect of production on prices of tobacco holds true, as explained in the discussion of cotton on the opposite page. The January issue of the Farm Forecaster carried comprehensive tables of production, stocks and disappearance, in relation to prices, which, together with the graph, illustrating these relationships, should be re-studied by those interested in the probable outturn of the Bright Leaf tobacco crop. This study showed distinctly that when the production in a given year went up, the price usually went down. In spite of the steady increase in the demand for tobaccos, the production for the past several years has distinctly outstretched the consumption.

The official grading or classification work begun by the Federal and State Departments of Agriculture at Smithfield last year proved to be quite satisfactory to the farmers or producers, the warehousemen and the buyers. An expansion of this work is bound to follow. Each farmer should become acquainted with the official grades so as to better take advantage of the services offered. Such standardized grading is bound to be of mutual benefit to all parties concerned. Only through such a scheme of selling can true comparisons be made in the prices of tobacco. Even month to month prices may mean little unless the comparison of grades is known.

TOBACCO
NORTH CAROLINA

Year	Acreage	Yield per Acre lbs.	Production lbs.	Price per Acre	Total Value dollars
1929	764,000	644	498,593,000	18.3	92,109,000
1928	728,000	686	499,408,000	19.2	95,886,336
1927	659,000	637	485,419,400	22.3	108,248,526
1926	565,000	684	386,460,000	25.0	96,615,000
1925	547,000	695	380,165,000	23.0	87,438,000
1924	497,000	577	286,769,000	25.8	79,986,000
1923	552,000	700	386,400,000	21.0	81,144,000
1922	515,000	564	290,372,000	27.6	80,143,000
1921	450,000	561	252,450,000	26.0	65,637,000
1920	625,000	694	433,750,000	25.3	109,739,000

UNITED STATES
(1000 lbs.) (\$1000)

Year	Acreage	Yield per Acre lbs.	Production lbs.	Price per Acre	Total Value dollars
1929	2,016,400	744.3	1,500,891	19.0	285,583
1928	1,894,100	725.7	1,374,547	20.4	277,506
1927	1,584,900	764.7	1,211,909	21.2	256,882
1926	1,656,400	783.6	1,297,889	18.2	236,702
1925	1,757,300	783.3	1,376,628	18.2	250,774
1924	1,705,800	733.6	1,251,343	20.7	259,139
1923	1,877,000	807.2	1,515,110	19.9	301,096
1922	1,695,000	735.6	1,246,837	23.2	289,248
1921	1,427,000	749.6	1,069,693	19.9	212,728
1920	1,960,000	807.3	1,582,225	21.2	335,675

TOBACCO: SUPPLY AND DISAPPEARANCE
FLUE-CURED, U. S. TYPE NOS. 11, 12, 13, AND 14.

Year	Production	*Stocks end of Season	*Total Supply end of Season	Stock Remaining one year later	Disappearance Year Commencing July 1	*Average North Carolina Price
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	Cents
1917	358,750	253,436	612,186	292,357	319,829	---
1918	487,060	292,357	779,417	327,277	452,140	---
1919	487,486	327,277	814,763	304,206	510,557	53.0
1920	630,830	304,206	935,036	483,109	451,927	25.3
1921	371,422	483,109	854,531	440,697	413,834	26.0
1922	408,768	440,697	849,465	438,667	410,798	27.6
1923	592,949	438,667	1,031,616	476,626	554,990	21.0
1924	436,801	476,626	913,427	462,311	451,116	25.8
1925	576,258	462,311	1,038,569	455,371	583,198	23.0
1926	564,488	455,371	1,019,859	466,476	553,383	25.6
1927	715,944	466,496	1,182,420	564,989	617,431	23.0
1928	739,763	564,989	1,304,752	589,978	714,774	19.5
1929	763,181	589,978	1,353,109	---	---	18.4

TOBACCO, ACREAGE, PRODUCTION AND VALUE BY TYPES

CLASS AND TYPE	Acreage			Production (1000 pounds)			Price per Pound			Farm Value (1000 dollars)			
	1927	1928	1929	1927	1928	1929	1927	1928	1929	1927	1928	1929	
Flue-cured Types													
Virginia	11	134,300	138,300	126,000	93,100	73 438	81,900	20.2	17.1	18.0	18,806	12,579	14,734
North Carolina	11	272,000	292,000	310,000	192,700	190 384	206,460	21.7	18.7	18.0	41,816	35,602	37,163
North Carolina	12	343,000	383,000	334 800	260,000	271 164	248,220	22.4	20.6	19.1	58,240	55,860	47,410
North Carolina	13	42,000	50,000	54,200	31,483	36,000	38,753	20.4	15.4	17.3	6,423	5,544	6,704
South Carolina	13	104,000	148,000	133,000	76,648	82,288	82,992	20.5	12.7	16.0	15,713	10,451	13,279
Georgia	14	80,500	121,000	198,600	57,960	82,867	88,184	18.9	12.8	18.4	10,954	10,583	16,208
Florida	14	5,400	7,900	8,100	4,053	4,806	6,155	19.0	12.0	18.1	770	577	1,113
Total Flue-cured	11-14	981,200	1,140,200	1,134,700	715,944	740,947	752,664	21.3	17.7	18.2	152,722	131,196	136,611
Air-cured (Light)													
Ohio	31	9,000	13,200	20,100	7,307	11,289	16,535	24.8	30.5	20.0	1,812	3,440	3,307
Indiana	31	7,300	11,200	16,800	5,548	9,184	12,852	24.0	26.8	21.1	1,332	2,462	2,710
Missouri	31	4,000	4,000	4,500	4,400	4,400	4,050	22.0	28.6	25.0	968	1,258	1,012
Virginia	31	2,800	4,100	6,300	2,811	4,510	6,602	23.9	30.4	25.0	672	1,371	1,650
West Virginia	31	4,500	6,800	8,500	3,488	5,100	6,588	24.5	26.8	25.0	855	1,367	1,647
North Carolina	31	2,000	3,000	5,000	1,500	2,000	4,160	25.0	30.0	20.0	375	600	832
Kentucky	31	185,700	255,000	396,000	130,109	204,100	221,848	26.3	30.6	22.3	34,219	62,456	49,438
Tennessee	31	30,800	39,000	50,000	25,034	30,030	41,600	26.3	30.9	23.0	6,584	9,286	9,544
Total Burley	31	246,100	336,300	417,200	180,197	270,613	314,235	26.0	30.4	22.3	46,817	82,240	70,140
Southern Maryland	32	32,000	31,000	22,000	26,176	20,460	25,600	23.0	27.3	23.5	6,620	5,586	6,016
Total Air-cured (L)	31-32	*278,900	367,300	449,200	*207,223	291,073	339,835	25.6	30.2	22.4	*52,990	87,826	76,156
Air-cured (Dark)													
Fire Cured	35-37	52,700	60,500	74,500	36,666	43,968	60,910	10.2	11.7	11.4	3,752	5,145	6,928
Cigar Filler	41-45	55,400	64,450	70,650	63,980	70,513	71,333	13.8	15.1	17.5	8,838	10,630	12,487
Cigar Binder	51-55	55,650	63,600	59,350	65,505	82,796	76,663	19.0	17.7	22.3	12,437	14,696	17,093
Cigar Wrapper	61-65	10,350	12,250	12,800	10,431	11,806	14,619	87.3	80.0	81.2	9,104	9,445	11,864
Miscellaneous	70	1,000	2,000	2,200	400	1,405	1,543	45.0	24.3	15.8	180	342	244
Total All Types		*1,584,900	1,894,100	2,016,400	*1,211,909	1,374,687	1,490,424	21.2	20.2	19.0	*256,888	277,727	283,701

*Note: Includes small production in Ohio.

For related facts see pages 5, 6, 12, 13, 35, 37, 39, 41, 47

DISTRICTS AND COUNTIES	Acreage Planted			Yield			Production Estimated			Price			Total Value of Crop			Value		
	Acres			per Acre			Pounds			Per Pound			of Crop			Per Acre		
	1927	1928	1929	'27	'28	'29	1927	1928	1929	'27	'28	'29	1927	1928	1929	1927	1928	1929
DISTRICT 1													\$	\$	\$	\$	\$	\$
Alleghany		3	32			755			24,160			.18			4,349			136
Ashe	5		4			800			3,200			.18			576			144
Avery		2																
Caldwell	408	452	595	750	720	680	306,000	325,440	404,600	.21	.20	.18	64,260	65,088	72,828	158	144	122
Surry	19,084	18,174	19,214	705	642	662	13,454,220	11,667,708	12,719,668	.22	.19	.16	2,959,928	2,216,865	2,035,147	155	122	106
Watauga	1	1	7			800			5,600			.20			1,120			160
Wilkes	1,149	981	1,147	624	620	675	716,976	608,220	774,225	.22	.19	.18	179,244	115,562	139,361	156	118	122
Yadkin	9,679	9,851	10,748	645	602	638	6,242,955	5,930,302	7,394,624	.22	.19	.17	1,373,450	1,126,757	1,257,086	142	114	117
Northern Mountain (N.W.)	30,326	29,464	31,747	683	629	672	20,720,151	18,531,670	21,326,077	.22	.19	.17	4,576,882	3,524,272	3,510,467	151	120	111
DISTRICT 4—Buncombe	230	390	1,092	700	650	815	161,000	253,500	889,980	.20	.23	.24	32,200	58,305	213,595	140	150	196
Burke		19	19		640	690		12,160	13,110			.23		2,797	3,015		147	159
Cherokee	9	13	15		640	770		8,320	11,550			.20		1,664	2,888		128	193
Clay	8	7	10			780			7,800			.24			1,872			187
Graham	3		17			800			13,600			.23			3,128			184
Haywood	393	385	541	650	640	780	255,450	246,400	421,980	.19	.22	.23	48,536	54,208	97,055	124	141	146
Henderson	3	5	43			800			34,400			.22			7,568			176
Jackson	8	1	22			830			18,260			.22			4,017			183
McDowell	2	4	9			660			5,940			.23			1,366			152
Macon	2		22			750			16,500			.25			4,125			188
Madison	1,905	3,086	3,609	740	660	735	1,409,700	2,036,760	2,652,615	.21	.24	.25	296,037	488,822	665,154	155	158	184
Mitchell	9	18	84	650	600	710	5,850	10,800	59,640	.20	.24	.23	1,170	2,592	13,717	130	144	163
Polk	4	10	8		640	700		6,400	5,600			.23			1,288			161
Rutherford	4		5			690			3,450			.23			793			159
Swain	2	3	9			780			7,020			.20			1,404			156
Transylvania			2			800			1,600			.22			352			176
Yancey	383	503	895	765	650	841	292,995	326,950	752,695	.18	.25	.25	52,739	81,738	188,174	140	163	210
Western Mountain (W.)	2,965	4,444	6,402	717	653	768	2,124,995	2,901,290	4,915,740	.20	.23	.25	430,682	691,598	1,207,511	145	156	189
DISTRICT 2—Alamance	8,383	8,721	9,711	633	646	650	5,306,439	5,633,766	6,603,480	.25	.22	.22	1,326,610	1,239,429	1,452,766	188	142	150
Caswell	16,263	18,090	19,917	660	636	612	10,733,580	11,505,240	12,189,204	.25	.20	.18	2,683,395	2,301,048	2,194,057	165	127	239
Durham	9,290	10,959	12,986	630	636	630	5,852,700	6,969,924	8,181,180	.25	.19	.20	1,463,175	1,324,286	1,636,236	158	121	126
Forsyth	10,821	11,749	9,733	683	637	675	7,390,743	7,484,113	6,569,775	.22	.19	.17	1,625,963	1,421,981	1,116,862	150	121	115
Franklin	16,393	19,381	19,107	655	647	675	10,737,415	12,539,507	12,897,225	.22	.21	.18	2,362,231	2,633,296	2,321,501	144	136	122
Granville	22,637	20,907	21,501	693	623	645	15,687,441	13,025,061	13,868,145	.24	.19	.19	3,764,986	2,474,762	2,634,948	166	118	123
Gulford	15,143	17,026	14,579	686	675	660	10,388,098	11,492,550	9,622,140	.24	.19	.19	2,493,144	2,183,585	1,828,207	165	128	125
Orange	6,310	7,751	6,768	588	655	620	3,710,280	5,076,905	4,196,160	.26	.21	.21	964,673	1,066,150	881,194	153	138	130
Person	20,241	20,289	19,660	712	658	625	14,411,592	13,350,162	12,287,500	.26	.20	.19	3,747,014	2,670,032	2,334,625	185	132	119
Rockingham	18,696	19,694	21,843	671	640	663	12,545,016	12,604,160	14,481,909	.23	.19	.18	2,885,354	2,394,790	2,606,744	154	122	119
Stokes	20,478	21,425	22,490	630	653	645	12,901,140	13,990,525	14,506,050	.22	.18	.17	2,838,251	2,518,295	2,466,029	139	118	109
Vance	14,320	16,111	16,246	710	632	655	10,167,200	10,182,152	10,641,130	.24	.20	.18	2,440,128	2,036,430	1,915,403	170	126	118
Warren	7,928	7,794	8,285	670	644	610	5,311,760	5,019,336	5,053,850	.22	.20	.17	1,168,587	1,003,867	859,155	147	129	104
Northern Piedmont (N.)	186,903	199,897	202,826	565	645	646	125,143,404	128,873,401	131,097,748	.24	.20	.18	29,763,511	25,267,951	24,247,727	159	126	120
DISTRICT 5—Alexander	1,408	1,212	1,181	650	640	670	915,200	775,680	791,270	.22	.18	.18	201,344	139,622	142,429	143	115	121
Catawba																		
Chatham	3,697	4,464	4,052	707	652	634	2,613,779	2,910,528	2,568,968	.23	.18	.17	601,169	523,895	436,725	163	117	108
Davidson	4,731	6,309	4,439	680	680	690	3,217,080	4,290,120	3,062,910	.22	.19	.17	707,758	815,123	520,695	150	129	117
Davie	1,547	1,511	1,671	700	620	685	1,082,900	936,820	1,144,635	.22	.19	.17	238,238	177,996	194,588	154	118	116
Iredell	849	1,109	923	683	675	693	579,867	748,575	639,639	.22	.19	.16	127,571	142,229	102,342	150	128	111
Lee	2,801	3,511	3,963	700	700	610	1,960,700	2,457,700	2,417,430	.23	.20	.18	450,961	491,540	433,157	161	140	110
Randolph	3,509	4,243	4,153	682	688	658	2,393,138	2,919,184	2,732,674	.23	.18	.17	550,422	525,453	464,555	157	124	112
Rowan	145	53	34	650	647	670	94,250	34,291	22,780	.23	.19	.17	21,678	6,515	3,873	150	123	111
Wake	30,685	32,708	34,074	685	646	677	21,019,225	21,129,368	23,068,098	.23	.20	.18	4,834,422	4,225,874	4,152,258	158	130	122
Central Piedmont (C.)	49,372	55,120	54,490	686	657	669	33,876,139	36,202,266	36,448,404	.23	.19	.18	7,733,563	7,048,247	6,452,602	157	128	118
DISTRICT 8—Anson																		
Cabarrus	12		33	695		630						.19			4,668			120
Cleveland			7	600		650	7,200		8,450	.23		.19	1,656		1,606	138		124
Gaston	2		24			660			4,620			.19			878			125
Lincoln		12			641	650			15,600			.19			2,964			124
Mecklenburg	20			640			12,800	7,692		.22		.20		1,538			128	
Montgomery													2,816			141		
Moore	547	1,030	1,008	650	644	650	355,550	663,320	655,200	.25	.19	.17	88,888	126,031	111,384	163	122	111
Richmond	5,167	5,412	5,969	723	695	620	3,735,741	3,761,340	3,700,780	.24	.20	.18	896,578	752,268	666,140	134	139	112
Stanly	452	1,217	461	718	662	640	324,536	805,654	295,040	.23	.20	.17	74,643	161,131	50,157	165	132	109
Union	6	2	4			635			2,540			.19			483			121
Southern Piedmont (S.)	20	34	15	712	641	640	14,240	20,512	9,600	.23	.20	.19	3,275	4,102	1,824	164	128	122
DISTRICT 3—Bertie	6,226	7,707	7,540	715	682	625	4,450,067	5,258,518	4,716,400	.24	.20	.18	1,067,856	1,045,070	840,104	172	136	111
Camden	7,563	8,691	8,472	741	724	666	5,604,183	6,292,284	5,642,352	.22	.22	.17	1,232,920	1,384,302	959,200	163	159	113
Chowan	12	17		800	670		9,600	11,390		.22	.22		2,112	2,506		176	147	
Currituck	792	800	816	708	710	685	560,736	568,000	558,960	.23	.22	.17	128,969	124,960	95,023	163	156	116
Dare	6	18		670				12,060		.22		.22						
Edgecombe	21,357	20,523	24,336	760	691	655	16,231,320	14,181,393	15,940,080	.23	.21	.19	3,733,204	2,978,093	3,028,615	175	145	124
Gates	731	240	216	690	718	685	504,390	172,320	147,960	.22	.22	.17	110,966	37,910	25,153	152	158	116
Halifax	7,587	8,068	8,547	676	698	605	5,128,812	5,631,464	5,170,935	.21	.20	.17	1,077,050	1,126,293	879,059	142	140	103
Hertford	3,027	3,721	3,895	740	712	640	2,239,980	2,649,352	2,492,800	.21	.22	.18	470,396	582,857	448,704	155	157	115
Martin	16,329	16,818	18,622	750	720	575	12,246,750	12,108,960	10,707,650	.22	.22	.17	2,694,285	2,663,971	1,820,300	165	158	98
Nash	28,745	31,118	33,111	699	672	668	20,09											

SUMMARY OF TOBACCO WAREHOUSE SALES FOR NORTH CAROLINA

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COUNTIES AND MARKETS	Ware- houses 1929-'30	SEASON'S PRODUCERS SALES				SEASON'S TOTAL SALES				SEASON'S AVERAGE PRICE			
		1926-1927	1927-1928	1928-1929	1929-1930	1926-1927	1927-1928	1928-1929	1929-1930	1926-27	1927-28	1928-29	1929-30
OLD BRIGHT BELT—TYPE NO. 11													
Alamance:										\$	\$	\$	\$
Burlington-----	3	2,618,382	3,172,381	2,117,186	2,206,159	2,912,371	3,693,429	2,560,656	2,451,099	22.49	21.52	16.58	16.45
Mebane-----	3	3,769,256	4,450,754	3,922,276	4,139,326	4,189,366	4,923,216	4,329,930	4,576,828	28.05	27.94	22.08	21.65
Durham:													
Durham-----	7	16,041,316	22,822,519	22,279,428	21,375,178	18,735,656	26,425,315	25,240,024	25,067,858	26.56	23.81	20.06	19.65
Forsyth:													
Winston-Salem-----	8	43,355,814	55,798,489	48,349,119	53,934,876	49,250,079	64,495,479	55,015,320	60,842,530	23.36	20.18	16.93	17.10
Franklin:													
Louisburg-----	3	3,124,205	4,194,606	2,786,611	2,206,669	3,511,013	4,574,920	3,101,877	2,467,975	24.26	21.09	17.31	15.18
Granville:													
Oxford-----	6	13,545,896	20,298,370	16,989,629	20,821,103	15,445,808	22,687,700	18,910,961	23,038,461	23.40	22.58	18.17	19.74
Lee:													
Sanford-----	2	1,224,396	2,140,138	1,716,282	2,535,430	1,334,752	2,339,466	1,992,216	2,864,860	25.99	21.84	16.72	17.55
Moore:													
Aberdeen-----	2	1,926,486	3,370,145	3,995,019	3,363,542	2,149,500	3,732,641	4,437,157	3,808,536	26.47	21.75	18.91	16.30
Carthage-----	2	1,726,346	2,260,390	2,182,712	2,273,846	1,790,552	2,352,590	2,219,748	2,296,376	24.42	23.50	20.06	17.69
Person:													
Roxboro-----	4	5,321,973	6,248,874	4,621,484	6,136,284	5,892,841	6,817,063	5,266,240	6,828,432	24.72	25.45	18.55	20.94
Rockingham:													
Madison-----	2	2,006,506	1,813,548	1,281,409	2,267,896	2,250,206	1,999,368	1,468,233	2,577,644	18.83	18.93	14.62	14.20
Reidsville-----	4	4,525,221	5,715,942	7,110,965	9,577,683	5,009,475	6,476,188	7,935,256	10,465,279	23.59	19.58	17.28	15.81
Stoneville-----	3	1,347,894	2,341,748	2,135,842	2,766,764	1,616,385	2,963,089	2,677,524	3,292,248	19.84	18.89	15.29	15.60
Surry:													
Elkin-----	1	1,909,740	1,163,430	760,202	-----	2,074,938	1,263,986	835,332	-----	21.95	19.00	15.21	-----
Mt. Airy-----	3	4,212,890	5,281,252	4,453,684	5,064,675	5,029,264	6,283,088	5,346,024	5,883,493	22.48	17.33	14.02	14.88
Vance:													
Henderson-----	5	11,940,513	19,603,568	20,232,962	21,922,696	12,994,429	20,951,865	21,632,104	23,316,726	24.77	23.52	19.56	19.40
Wake:													
Fuquay Springs-----	4	5,304,346	6,720,480	6,008,401	5,517,389	6,046,964	7,495,034	7,053,739	6,331,522	28.87	23.33	21.23	20.27
Wendell-----	3	3,530,158	4,376,942	3,080,830	4,456,448	3,783,702	4,731,872	3,431,132	5,053,956	23.60	20.04	17.27	17.97
Zebulon-----	2	2,926,544	3,061,276	2,903,653	2,092,146	3,257,862	3,491,332	3,262,622	2,374,732	22.74	19.49	17.07	15.29
Warren:													
Warrenton-----	2	3,441,124	4,234,430	2,849,880	3,066,486	3,509,224	4,291,248	2,908,304	3,160,292	22.86	19.70	17.58	16.06
Total-----	68	133,799,006	179,069,282	159,777,577	175,724,596	150,784,387	201,988,889	179,624,399	196,698,847	24.21	21.72	18.15	18.10
NEW BRIGHT BELT—TYPE NO. 12													
Beaufort:													
Washington-----	3	3,702,482	4,774,254	5,862,690	3,222,893	4,025,903	5,271,342	6,529,546	3,566,493	26.84	23.98	19.32	16.70
Bertie:													
Windsor-----	2	326,564	1,410,514	1,588,048	1,341,972	341,640	1,418,374	1,808,848	1,685,796	24.88	21.88	21.17	14.91
Craven:													
New Bern-----	2	2,709,486	2,881,186	3,207,762	1,950,869	2,882,742	3,057,300	3,467,912	2,175,657	24.27	21.75	17.15	15.07
Duplin:													
Wallace-----	2	2,206,138	1,582,673	1,753,505	2,141,478	2,640,806	1,855,460	2,093,259	2,466,716	22.82	18.03	17.99	18.95
Edgecombe:													
Tarboro-----	3	4,137,812	6,187,942	6,010,097	5,280,782	4,426,842	6,663,152	6,553,109	5,720,122	25.91	23.18	18.44	16.90
Halifax:													
Enfield-----	2	2,182,788	3,001,422	2,664,151	2,022,092	2,479,056	3,361,494	3,063,098	2,215,036	25.82	20.35	16.99	14.45
Hertford:													
Ahoskie-----	2	2,733,888	2,866,162	3,219,576	2,463,627	2,890,822	2,965,886	3,496,850	2,648,722	26.20	20.00	19.63	17.16
Johnston:													
Smithfield-----	2	3,088,716	3,648,761	4,913,467	5,538,332	3,525,682	4,154,861	5,539,845	6,274,488	24.31	20.02	16.54	16.99
Lenoir:													
Kinston-----	6	29,041,565	34,046,620	35,789,693	33,354,135	32,607,677	38,033,279	39,732,313	36,658,736	25.23	21.35	-----	-----
Martin:													
Robersonville-----	3	3,360,610	5,773,220	7,253,116	5,243,232	3,509,544	6,196,818	7,793,562	5,763,088	26.91	22.33	18.53	16.85
Williamston-----	3	6,080,999	7,437,442	7,051,893	4,627,986	6,449,217	7,983,986	7,383,768	5,333,456	27.09	21.52	19.21	15.60
Nash:													
Rocky Mount-----	8	26,143,572	34,861,983	35,865,638	39,601,092	28,060,784	37,306,811	38,253,520	42,281,576	25.43	22.08	19.65	19.78
Onslow:													
Richland-----	---	758,574	292,898	-----	-----	781,428	314,056	-----	-----	22.23	14.25	-----	-----
Pitt:													
Farmville-----	4	13,742,958	18,002,160	19,134,012	17,552,046	14,485,760	19,334,206	20,984,202	18,998,362	28.08	22.49	20.17	19.19
Greenville-----	9	44,636,306	55,830,664	64,238,186	46,415,155	49,513,184	61,516,896	71,137,249	51,926,244	28.24	23.31	21.06	18.51
Wayne:													
Goldsboro-----	3	5,841,672	5,230,677	6,663,162	8,859,760	6,495,785	5,725,966	7,231,980	9,678,479	23.08	20.65	16.94	16.36
Wilson:													
Wilson-----	8	61,825,130	67,874,902	75,561,417	74,753,642	68,921,104	75,837,426	83,864,338	82,532,132	26.86	22.96	20.45	20.10
Total-----	62	*212,776,858	255,703,480	280,776,418	254,369,093	*234,313,712	280,997,313	308,933,399	279,925,103	26.57	22.44	20.03	18.94
SOUTH CAROLINA BELT—TYPE NO. 13													
Bladen:													
Clarkton-----	2	1,267,223	2,422,589	1,738,491	1,518,265	1,467,049	2,671,851	1,973,513	1,689,131	23.16	18.43	14.25	15.07
Columbus:													
Chadbourn-----	2	1,800,238	2,488,205	2,695,771	2,751,287	2,331,518	2,922,875	3,052,873	3,147,706	22.71	19.26	13.02	17.61
Fair Bluff-----	4	2,142,822	3,151,178	3,653,921	3,546,252	2,551,122	3,559,603	4,189,159	4,047,598	24.12	20.72	13.66	16.61
Tabor-----	2	1,095,260	1,193,554	1,115,703	1,755,006	1,333,890	1,334,344	1,205,435	2,025,206	22.41	20.52	12.74	16.34
Whiteville-----	3	5,260,585	7,695,303	9,014,655	10,021,604	6,222,473	8,639,157	9,993,010	11,225,891	24.10	19.56	14.27	17.53
Robeson:													
Fairmont-----	5	9,461,431	15,167,340	16,935,809	22,823,007	10,878,444	16,871,728	18,736,422	25,371,322	25.47	21.41	15.05	17.58
Lumberton-----	4	3,975,335	5,517,407	8,394,264	8,947,540	4,255,471	6,006,682	9,329,635	9,979,477	21.99	20.04	13.13	16.32
Total-----	22	25,002,894	37,635,576	43,548,614	51,362,961	29,039,967	42,006,240	48,480,047	57,486,331	24.11	20.41	14.18	17.17
State Totals-----	152	371,578,758	472,408,338	484,102,609	481,456,650	414,138,066	524,992,442	537,037,845	534,110,281	25.53	22.00	18.78	18.40

*—Season 1926-27, Producers sales, 257,598, Total sales, 275,736 pounds, included in New Belt for Warsaw market.

It will surprise many to observe that the average prices of tobaccos paid to farmers by the warehousemen of North Carolina were very little less for the last season than for the 1928-29 sales period. The average for the two years was approximately 18.5c. The final production of the crop last year was half a billion pounds, or the same as was made the previous year. A chance of a good price for the 1930 crop would seem to be largely dependent on the production.

While the market data above is divided into three belts, many tobaccoists are accustomed to dividing the type 11 (Old Bright Belt) into an additional or Central Belt, extending from Moore to Warren counties, Zebulon being the most eastern and Durham the furthest west

markets. We are using the government grade type belts and numbers, because it is inevitable that these are established standards.

Official Grading Started

The new government grading or classification work started at Lake City, S. C., Smithfield, N. C., and South Hill, Va., last year was evidently highly satisfactory to all parties concerned. As was to be expected, some competitive markets endeavored to discourage farmers from taking advantage of this service. It is now probable that several new government grading markets will be established this year. The government groups are: "A." Wrappers; B. Leaf or heavy leaf; C. Cutters or thin leaf; X. Lugs

or ground leaves; N. Nondescript; S. Scrap, with the qualities ranging from one to seven of the colors L. Lemon; F. Orange; D. Dark orange or mahogany; M. Mixed, other than green mixed and G. Green and green mixed.

By comparing the county sales with the county production table on the opposite page, it will be readily understood that the tobacco marketed is not at all representative of the actual production. As a matter of fact, the State as a whole produces three to four percent more tobacco than the sales indicate. Probably 15,000,000 pounds or more are sold on the Danville, Va., market alone which came from North Carolina. All of the Burley tobacco grown in Western Carolina is sold out of the State.

For Related Facts See Pages 5, 9, 11, 35, 37, 39, 41, 47

NORTH CAROLINA CORN

DISTRICTS AND COUNTIES	Acreage Planted			Yield	Production Estimated			Price Per Bushel			Total Value of Crop			Value Per Acre		
	1927	1928	1929	'27'28'29	1927	1928	1929	'27'28'29	'27'28'29	'27'28'29	1927	1928	1929	1927	1928	1929
DISTRICT 1																
Alleghany	6,303	7,524	6,999	24 21 27	151,272	158,004	188,973	1.08 1.28 1.08			\$ 163,374	202,245	204,091	25.92	26.87	29.16
Ashe	14,700	16,810	15,994	26 22 28	382,200	369,820	447,832	1.06 1.21 1.05			405,132	447,482	470,224	27.50	26.61	29.40
Avery	4,522	5,051	4,603	22 19 23	99,484	95,969	105,869	1.10 1.25 1.11			109,432	119,961	117,515	24.20	23.74	25.53
Caldwell	20,067	19,166	18,287	25 18 23	501,675	344,988	420,601	.96 1.12 1.05			481,608	386,387	441,681	24.00	20.16	24.15
Surry	34,619	29,583	31,147	22 18 22	761,618	532,494	685,234	.96 1.17 1.01			731,153	623,018	692,086	21.12	21.06	22.22
Watauga	8,499	8,499	8,767	23 17 24	195,477	144,483	210,408	1.03 1.27 1.05			201,341	183,493	220,928	23.69	21.58	25.20
Wilkes	37,735	37,570	37,600	21 20 24	792,435	751,400	902,400	.98 1.15 1.02			776,586	864,110	920,448	20.58	23.00	24.48
Yadkin	20,860	21,963	21,216	23 19 21	479,780	417,297	445,536	1.00 1.25 1.05			479,780	521,621	467,813	23.00	23.75	22.05
Northern Mountain (NW.)	147,305	146,166	144,613	23 19 24	3,363,941	2,814,455	3,406,853	1.00 1.19 1.04			3,348,406	3,348,317	3,534,736	22.73	22.91	24.44
DISTRICT 4—Buncombe	26,005	25,411	23,441	26 20 25	676,130	508,220	586,025	.91 1.10 1.00			615,278	559,042	586,025	23.66	22.00	25.00
Burke	21,054	21,554	21,112	24 19 25	505,296	409,526	527,800	.81 1.19 1.03			409,290	487,336	543,634	19.44	22.61	25.75
Cherokee	20,601	22,612	21,690	22 17 20	453,222	384,404	433,800	.85 1.11 1.10			385,239	426,688	477,180	18.70	18.87	22.00
Clay	8,932	10,050	9,845	21 17 21	187,572	170,850	206,745	.89 1.14 1.13			166,939	194,769	233,622	18.69	19.38	23.73
Graham	5,655	5,645	5,241	22 19 21	124,410	107,255	110,061	.93 1.17 1.18			115,701	125,488	129,872	20.46	22.23	24.78
Haywood	14,332	13,716	14,052	26 20 25	372,632	274,320	351,300	.97 1.04 1.08			361,453	285,293	379,404	25.22	20.80	27.00
Henderson	20,471	18,557	18,174	24 18 27	491,304	334,026	490,698	.92 1.04 1.03			452,000	347,387	505,419	22.08	18.72	27.81
Jackson	13,365	12,906	13,193	25 18 23	334,125	232,308	303,439	.90 1.12 1.15			300,713	260,185	348,955	22.50	20.16	26.45
McDowell	11,709	13,557	13,432	24 21 22	281,016	284,697	295,504	.93 1.15 1.03			242,745	327,402	304,369	20.73	24.15	22.65
Macon	14,058	16,481	14,874	22 19 21	309,276	313,139	312,354	.89 1.11 1.08			275,256	347,584	337,342	19.58	21.09	22.67
Madison	16,387	18,491	16,220	24 18 23	393,288	332,832	373,960	.92 1.16 1.05			361,825	386,885	391,713	22.08	20.88	24.15
Mitchell	6,558	7,712	6,876	24 17 25	157,392	131,104	171,900	1.10 1.23 1.15			173,131	161,258	180,495	26.40	20.91	26.25
Polk	12,028	11,924	12,242	23 15 23	276,644	178,560	281,566	1.02 1.21 1.08			282,177	216,421	304,091	23.46	18.15	24.83
Rutherford	30,175	34,732	31,897	21 16 23	633,675	555,712	733,631	.92 1.21 1.08			582,981	672,412	792,321	17.57	19.36	24.83
Swain	9,670	5,757	10,094	25 18 22	241,750	103,626	222,068	.98 1.15 1.10			236,915	119,170	244,275	24.50	20.70	24.20
Transylvania	8,518	9,144	9,510	25 18 30	212,950	164,592	285,300	.96 1.12 1.05			204,432	184,343	299,565	24.00	20.16	31.50
Yancey	12,077	12,183	11,810	25 21 24	301,925	255,843	283,440	1.00 1.20 1.09			301,925	307,012	308,950	25.00	25.20	26.16
Western Mountain (W.)	251,595	260,432	253,703	24 18 24	5,952,607	4,741,314	5,968,691	.92 1.14 1.06			5,468,000	5,407,875	6,362,232	21.73	20.77	25.09
DISTRICT 2—Alamance	28,611	27,452	28,723	23 17 23	658,053	466,684	660,629	.85 1.05 1.01			559,345	490,018	667,235	19.55	17.85	23.22
Caswell	17,548	20,180	18,956	23 19 22	403,604	383,420	417,032	.94 1.12 1.00			379,388	429,430	417,032	21.62	21.28	22.00
Durham	15,817	16,382	16,541	23 17 21	363,791	278,494	347,361	1.00 1.02 1.01			363,791	284,064	350,835	23.00	17.34	21.21
Forsyth	20,765	22,202	19,935	26 21 26	539,890	466,242	518,310	.96 1.02 1.03			518,294	475,567	533,859	24.96	21.42	26.77
Franklin	32,075	31,524	29,883	20 19 20	641,500	598,956	597,660	1.00 1.08 1.09			641,500	646,872	651,449	19.59	20.52	21.79
Granville	29,053	24,919	27,704	20 18 23	581,060	448,542	637,192	1.08 1.05 1.00			627,545	470,969	637,192	21.60	18.90	23.00
Guilford	38,229	37,634	38,037	23 21 25	879,267	790,314	950,925	.91 1.11 1.00			800,133	877,249	950,925	20.93	23.31	25.00
Orange	23,497	23,652	21,779	22 17 22	516,934	402,084	479,138	.89 1.03 1.02			460,071	414,146	488,721	19.58	17.51	22.44
Person	24,861	24,525	24,235	22 17 22	546,942	416,925	533,170	.91 1.08 1.02			497,717	450,279	543,833	20.02	18.36	22.43
Rockingham	24,499	25,572	21,843	22 23 25	538,978	588,156	546,075	.98 1.24 1.00			528,198	729,313	546,075	21.56	28.52	25.00
Stokes	21,722	22,707	22,343	23 22 23	499,606	499,554	513,889	.98 1.23 1.02			489,614	614,451	524,167	22.54	27.06	23.46
Vance	14,287	14,370	14,012	20 17 22	285,740	244,290	308,264	1.05 1.10 1.06			300,027	268,719	326,760	21.00	18.70	23.32
Warren	25,317	23,536	23,749	19 16 20	481,023	376,576	474,980	1.05 1.15 1.08			505,074	433,062	512,978	19.95	18.40	21.59
Northern Piedmont (N.)	316,281	314,655	307,740	22 19 23	6,936,328	5,960,237	6,984,625	.96 1.10 1.02			6,670,697	6,584,139	7,151,061	21.09	20.92	23.23
DISTRICT 5—Alexander	14,457	12,355	11,821	19 16 19	274,683	197,680	224,789	.83 1.16 1.03			227,987	229,309	231,533	15.77	18.56	19.57
Catawba	23,357	23,028	19,813	21 18 20	490,497	414,504	396,260	.89 1.26 1.03			436,542	522,275	408,148	18.69	22.68	20.60
Chatham	37,490	37,350	35,403	21 15 20	787,290	560,250	708,060	.89 1.14 1.01			700,688	638,685	715,141	18.69	17.10	20.20
Davidson	24,127	32,785	20,962	24 21 22	579,048	638,485	461,164	.86 1.13 1.00			497,981	777,988	461,164	20.64	23.73	22.00
Davie	14,775	14,759	14,375	24 14 24	354,600	206,626	345,000	.87 1.19 .98			308,502	245,885	338,100	20.88	16.66	23.52
Iredell	39,363	35,620	35,667	21 16 22	826,623	569,920	784,674	.81 1.21 1.05			669,565	689,603	823,908	17.01	19.36	23.10
Lee	12,718	13,776	12,694	19 17 19	241,642	234,192	241,186	.97 1.09 1.01			234,393	255,269	242,598	18.43	18.53	19.13
Randolph	37,866	31,477	36,759	23 19 23	870,918	598,063	845,434	.87 1.15 1.05			757,609	687,772	887,706	20.01	21.85	24.15
Rowan	29,795	29,835	30,119	25 20 22	744,875	596,700	662,618	.89 1.15 1.03			662,939	686,205	682,497	22.25	23.00	22.66
Wake	49,025	49,046	50,443	21 18 21	1,029,525	882,828	1,059,303	1.03 1.01 1.05			1,060,411	891,656	1,112,268	21.63	18.18	22.05
Central Piedmont (C.)	282,973	280,031	268,065	22 18 21	6,199,701	4,949,248	5,728,488	.90 1.14 1.03			5,556,707	5,624,647	5,904,063	19.64	20.09	22.02
DISTRICT 8—Anson	28,321	26,884	26,026	22 13 21	623,062	349,492	735,519	.90 1.11 1.00			560,756	437,886	735,519	19.80	16.29	28.26
Cabarrus	24,134	23,534	23,255	22 13 22	530,948	305,942	511,610	.90 1.13 1.00			477,853	345,714	511,610	19.80	14.69	22.00
Cleveland	38,182	35,788	33,824	21 18 21	801,822	644,184	710,304	.97 1.13 1.08			777,767	727,928	767,128	20.38	20.34	22.68
Gaston	26,737	26,443	26,358	21 15 19	561,477	396,645	500,802	.97 1.25 1.07			544,633	495,806	535,858	20.37	18.75	20.33
Lincoln	20,540	18,372	21,454	22 18 20	451,880	330,696	429,080	.86 1.27 1.10			388,617	419,984	433,371	18.92	22.86	20.20
Mecklenburg	45,209	43,360	43,081	21 14 21	949,389	607,400	904,701	.91 1.10 1.03			863,944	667,744	931,842	19.11	15.40	21.63
Montgomery	15,282	14,431	14,735	18 17 18	275,076	245,227	265,230	.93 1.12 1.06			255,821	274,766	281,144	16.74	19.04	19.08
Moore	22,094	19,284	19,219	20 19 17	441,880	366,396	326,723	1.00 1.20 1.08			441,880	439,675	352,861	20.00	22.80	18.36
Richmond	24,123	24,945	24,290	19 15 18	453,337	374,										

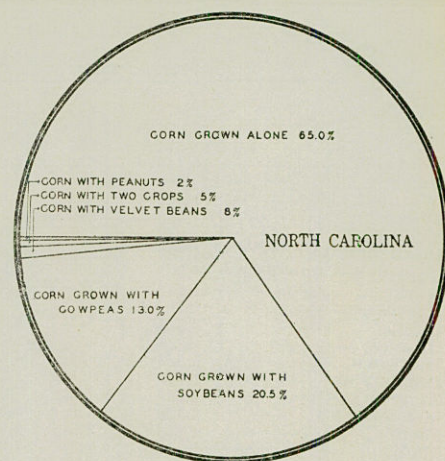
CORN

Corn is the most generally grown crop in North Carolina. It is the generally recognized workstock grain feed and is also used for human consumption in the form of meal. This crop also furnishes roughage, primarily in the form of leaf fodder. In certain Piedmont counties it is grown extensively for silage purposes. The area in which it is grown most extensively for sale is in certain Coastal counties, particularly Hyde, Beaufort, Pasquotank, etc.

Corn, being a true grass, likes fairly moist conditions. North Carolina has a rather heavy annual precipitation. The table on page 38 should prove to be of in-

terest in this connection. An essential feature in a heavy yield of this crop is to have a large water-holding content soil. This is developed by deep plowing and the growing or application of organic matter.

The graph on the right shows at a glance that over one-third of the State's corn acreage is grown with companion crops. Something over two-thirds and perhaps three-fourths of the total acreage is used for fodder—that is, the leaves are stripped by hand from the stalk just as they begin to turn brown. This is calculated to frequently effect the weight of the resulting grain and thereby reduce the possible yield.

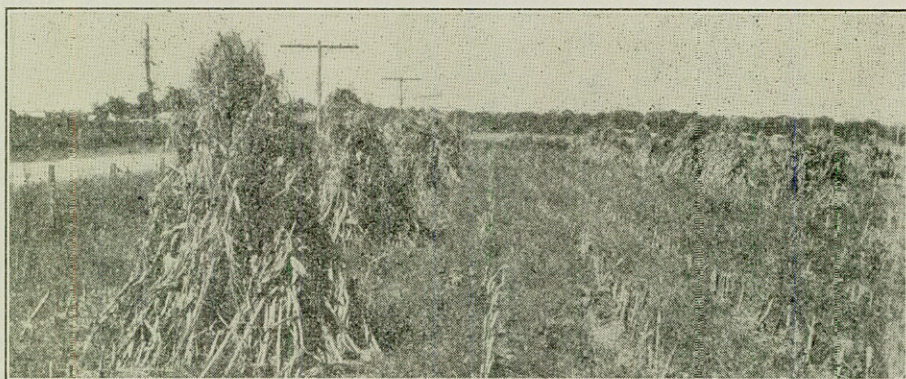


CORN—NORTH CAROLINA

Year	Acre-age	Yield per Acre bu.	Pro-duction bu.	Price per bu. dollars	Farm Value dollars
1929	2,259,000	22.5	50,827,500	1.00	50,827,500
1928	2,305,000	18.5	42,643,000	1.03	43,921,260
1927	2,352,000	22.8	53,626,000	.91	48,799,660
1926	2,376,000	22.0	52,272,000	.88	45,999,000
1925	2,400,000	18.5	44,400,000	1.10	48,840,000
1924	2,317,000	18.0	41,706,000	1.24	51,715,000
1923	2,603,000	22.5	58,568,000	1.02	59,739,000
1922	2,577,000	20.0	51,540,000	.89	45,871,000
1921	2,552,000	19.3	49,254,000	.78	38,418,000
1920	2,428,000	22.3	54,630,000	1.13	61,732,000

UNITED STATES

	(1000 acres)	(1000 bu.)	cents	(\$1000)
1929	98,018	26.8	2,622,189	78.1
1928	100,673	28.0	2,818,901	75.2
1927	98,393	28.1	2,763,093	72.3
1926	99,615	27.0	2,691,531	64.2
1925	101,302	28.8	2,916,106	67.4
1924	100,863	22.9	2,309,414	98.2
1923	104,324	29.3	3,053,557	72.6
1922	102,846	28.3	2,906,020	65.8
1921	103,740	29.6	3,068,569	42.3
1920	101,699	31.5	3,208,584	67.0



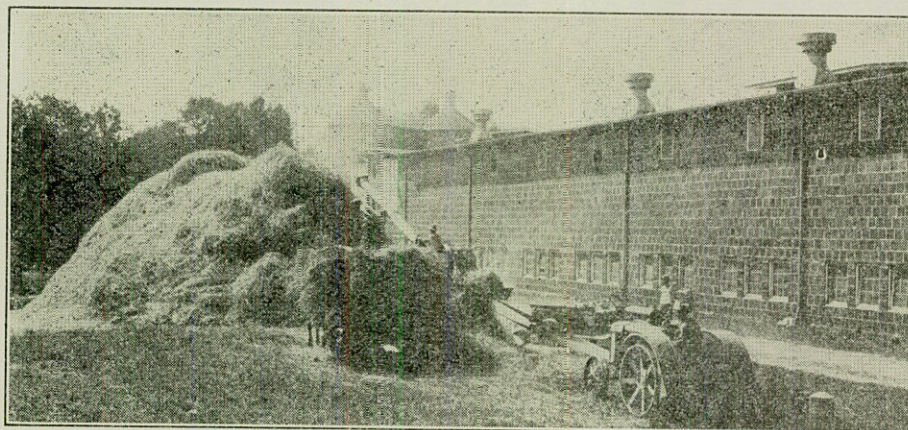
Corn is the state's chief crop in acreage and for feed. It is grown in all counties to an important extent. It is utilized in many ways, but the above method affords the most roughage as well as grain.

WHEAT

As a grass crop, wheat is quite subject to weather influences. For instance, unfavorable conditions at seeding time, such

as were experienced in the fall of 1929, severe winter freezes and excessively dry or wet May conditions, greatly effect the final yield of the crop. Some of our most

important wheat producing States have found that they can forecast the yield of their wheat crop by early June or as soon as the spring weather records are completed.



Using modern machinery in Guilford county for threshing wheat. This means minimum labor.

WHEAT—NORTH CAROLINA

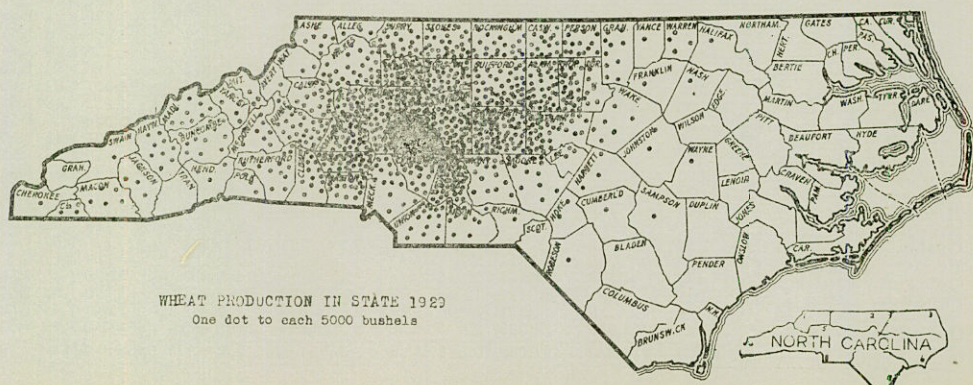
Year	Acre-age	Yield per Acre bu.	Pro-duction bu.	Price per bu. dollars	Total Value dollars
1929	457,000	11.7	5,346,900	1.41	7,539,100
1928	444,000	11.6	5,150,000	1.52	7,828,000
1927	483,000	10.7	5,168,000	1.45	7,493,600
1926	447,000	14.1	6,303,000	1.43	9,013,000
1925	406,000	11.0	4,466,000	1.71	7,637,000
1924	414,000	12.0	4,968,000	1.60	7,949,000
1923	544,000	11.1	6,038,000	1.28	7,729,000
1922	600,000	9.0	5,400,000	1.36	7,344,000
1921	600,000	7.5	4,500,000	1.44	6,480,000
1920	680,000	11.7	7,956,000	2.10	16,708,000

UNITED STATES

	(1000 acres)	(1000 bu.)	cents	(\$1000)
1929	61,141	13.2	806,508	104.3
1928	58,272	15.7	914,876	97.0
1927	58,784	14.9	878,374	111.5
1926	56,359	14.8	831,381	119.8
1925	52,367	12.9	676,765	141.6
1924	52,535	16.5	864,428	129.9
1923	59,659	13.4	797,394	92.3
1922	62,317	13.9	867,598	100.7
1921	63,696	12.8	814,905	92.6
1920	61,143	13.6	833,027	143.7

FOOD CROPS

Corn and wheat are two excellent crops to have. They offer summer and winter crops. The same land will produce the two in a single year. They are North Carolina's bread crops. Adding soy beans to corn and clover to wheat—the four crops may be grown on the same land. These are truly safe crops to grow when cash crops are risked. These are feed, roughage, food, hay, seed and soil improving crops. They fit in with cash and livestock farming.



For related facts see pages 6, 14, 16, 36, 38, 41, 43, 47

NORTH CAROLINA WHEAT

DISTRICTS AND COUNTIES	Acreage Planted			Yield per Acre Bushels			Production Estimated Bushels			Price Per Bushel			Total Value of Crop			Value Per Acre		
	1927	1928	1929	'27	'28	'29	1927	1928	1929	'27	'28	'29	1927	1928	1929	1927	1928	1929
DISTRICT 1																		
Alleghany	2,478	887	1,149	11	12	11	27,258	10,644	12,639	1.43	1.61	1.51	38,979	17,137	19,085	15.73	19.32	16.61
Ashe	5,866	3,100	3,006	11	12	12	64,526	37,200	36,072	1.48	1.59	1.51	95,498	59,148	54,468	16.28	19.08	18.12
Avery	571	620	275	10	13	11	5,710	8,060	3,025	1.33	1.50	1.55	7,594	12,090	4,689	13.30	19.50	17.05
Caldwell	10,140	7,522	8,233	10	11	11	101,400	82,742	91,168	1.54	1.56	1.48	156,156	129,078	134,929	15.40	17.16	16.28
Surry	14,313	10,768	10,705	9	12	11	128,817	129,216	117,755	1.46	1.53	1.40	188,073	197,700	164,857	13.14	18.36	15.40
Watauga	1,483	1,483	1,089	12	14	11	17,796	20,762	11,979	1.55	1.65	1.50	27,584	34,257	17,969	18.60	23.10	16.50
Wilkes	14,783	14,680	14,144	10	11	10	147,830	161,480	141,440	1.43	1.47	1.40	211,397	237,376	198,016	14.30	16.17	14.00
Yadkin	14,948	14,148	15,413	10	11	11	149,480	155,628	169,543	1.50	1.55	1.39	224,220	241,223	235,665	15.00	17.05	15.29
Northern Mountain (NW.)	64,582	53,208	54,069	10	12	11	642,817	605,732	583,621	1.48	1.56	1.42	949,501	928,009	829,678	14.70	17.44	15.34
DISTRICT 4—Buncombe	7,562	5,805	4,821	9	13	12	83,182	75,465	57,852	1.34	1.43	1.35	111,464	107,915	78,100	14.74	18.59	16.20
Burke	11,632	11,444	12,479	9	12	12	104,688	137,328	149,748	1.49	1.51	1.36	155,985	207,365	203,657	13.41	18.12	16.32
Cherokee	767	582	458	9	10	10	6,903	5,820	4,580	1.39	1.45	1.42	9,595	8,439	6,504	12.51	14.50	14.20
Clay	3,514	3,147	2,486	9	9	9	31,626	28,328	22,374	1.46	1.54	1.43	46,174	43,625	31,995	13.14	13.86	12.87
Graham																		
Haywood	5,283	2,972	4,146	9	12	12	47,547	35,664	49,752	1.44	1.48	1.40	68,468	52,783	69,653	12.96	17.76	16.80
Henderson	1,049	1,255	1,280	12	11	11	12,588	13,805	14,080	1.48	1.50	1.37	18,630	20,708	19,290	17.76	16.50	15.07
Jackson	2,756	1,753	1,889	7	11	11	19,292	19,283	20,779	1.55	1.50	1.53	29,903	28,925	31,792	10.85	16.50	16.83
McDowell	3,929	3,350	3,623	9	11	11	35,361	36,850	39,853	1.56	1.41	1.41	55,163	51,959	56,193	14.04	15.51	15.51
Macon	4,668	3,245	2,915	9	12	9	42,012	38,940	46,235	1.75	1.47	1.42	73,521	57,242	37,254	15.75	17.64	12.78
Madison	7,477	4,211	4,000	9	9	11	67,293	37,899	24,000	1.23	1.41	1.30	82,770	53,438	57,200	11.07	12.69	14.30
Mitchell	1,457	705	977	9	15	14	13,113	10,575	13,678	1.50	1.47	1.50	19,669	15,545	20,517	13.50	22.05	21.00
Polk	1,474	1,078	1,108	11	10	12	16,214	10,780	13,296	1.45	1.46	1.47	23,510	15,200	19,545	15.95	14.10	17.64
Rutherford	7,720	6,810	6,397	11	13	11	84,920	88,530	70,367	1.49	1.47	1.45	126,531	130,139	102,032	16.39	19.11	15.95
Swain	409	182	422	9	9	10	3,681	1,638	4,222	1.50	1.50	1.46	5,522	2,457	6,164	13.50	13.50	14.61
Transylvania	90	109	63	10	11	11	900	1,199	693	1.45	1.55	1.39	1,305	1,858	963	14.50	17.04	15.28
Yancey	3,774	1,680	2,044	10	11	12	37,740	18,480	24,528	1.40	1.56	1.38	52,836	28,829	33,849	14.00	17.16	16.56
Western Mountain (W.)	63,561	48,328	49,108	10	11	12	607,060	560,584	556,037	1.45	1.48	1.39	881,046	826,427	774,708	13.86	17.10	15.78
DISTRICT 2—Alamance	16,161	14,951	17,158	12	10	12	177,771	179,412	188,738	1.38	1.62	1.42	245,324	290,647	268,008	15.18	19.44	15.62
Caswell	7,201	7,222	7,606	12	10	12	86,412	72,220	91,272	1.29	1.40	1.35	111,471	101,108	123,217	15.48	14.00	16.20
Durham	3,047	2,864	3,918	10	12	10	30,470	34,368	39,180	1.43	1.52	1.45	43,572	52,239	56,811	14.30	18.24	14.50
Forsyth	15,604	14,459	13,974	11	14	14	171,644	202,426	195,636	1.46	1.51	1.37	250,600	305,663	268,021	16.06	21.14	19.18
Franklin	586	628	785	13	10	11	7,618	6,280	8,635	1.90	1.60	1.65	14,474	10,048	14,248	24.70	16.00	18.15
Granville	3,609	2,345	4,928	11	10	10	39,699	23,450	49,280	1.42	1.55	1.50	56,373	36,348	73,920	15.62	15.50	15.00
Guilford	20,193	20,151	19,878	13	13	12	262,509	261,963	238,536	1.41	1.50	1.40	370,138	392,945	333,950	18.33	19.50	16.80
Orange	10,462	12,358	12,553	10	13	11	104,620	160,654	138,083	1.34	1.59	1.39	140,191	255,440	191,935	13.40	20.67	15.29
Person	6,637	5,209	7,162	10	11	10	66,370	57,299	71,620	1.40	1.51	1.33	92,918	86,521	95,255	14.00	16.61	13.30
Rockingham	11,505	10,942	11,481	9	10	11	103,545	109,420	114,810	1.41	1.53	1.31	145,998	167,413	150,401	12.69	15.30	13.10
Stokes	13,997	11,258	12,440	9	11	11	125,973	123,838	136,840	1.47	1.53	1.38	185,180	189,472	188,977	13.23	16.83	15.19
Vance	996	568	745	11	11	10	10,956	6,248	7,450	1.45	1.55	1.40	15,886	9,684	10,430	15.95	17.05	14.00
Warren	1,909	1,763	1,649	12	13	12	22,908	22,919	19,788	1.42	1.50	1.50	32,529	34,379	29,682	17.04	19.50	18.00
Northern Piedmont (N.)	111,907	104,718	114,277	11	12	11	1,210,495	1,260,497	1,299,868	1.41	1.53	1.39	1,704,654	1,931,907	1,804,855	15.23	18.45	15.79
DISTRICT 5—Alexander	9,791	7,861	7,939	10	10	12	97,910	78,610	95,268	1.44	1.48	1.40	140,990	116,343	133,375	14.40	14.80	16.80
Catawba	20,618	18,096	16,342	10	14	12	206,180	253,344	196,104	1.43	1.52	1.41	294,837	374,949	276,507	14.30	20.72	16.92
Chatham	17,199	18,398	19,434	11	10	10	189,189	183,980	194,340	1.44	1.47	1.42	272,432	270,451	275,963	15.84	14.70	14.20
Davidson	23,568	26,447	23,795	13	13	14	306,384	343,811	333,130	1.40	1.48	1.40	428,938	508,840	466,382	18.20	19.24	19.60
Davie	11,177	10,238	11,231	11	11	13	122,947	112,618	146,003	1.34	1.56	1.38	164,749	175,684	201,484	14.74	17.16	17.94
Iredell	22,874	24,499	24,686	10	12	13	228,740	293,988	320,918	1.49	1.47	1.43	340,823	432,162	458,913	14.90	17.64	18.59
Lee	1,958	1,703	2,208	11	13	10	21,538	22,139	22,080	1.47	1.55	1.40	31,661	34,315	30,912	16.17	20.15	14.00
Randolph	30,743	26,291	33,250	12	11	12	368,916	289,201	399,000	1.51	1.49	1.43	557,063	430,909	570,570	18.12	16.39	17.16
Rowan	30,412	32,456	31,098	13	14	15	395,356	454,384	466,470	1.41	1.54	1.40	557,452	699,751	653,058	18.33	21.56	21.00
Wake	1,327	1,478	2,824	12	12	13	17,251	17,736	31,064	1.50	1.60	1.60	25,877	28,378	49,702	16.50	19.20	17.60
Central Piedmont (C.)	169,667	167,467	172,807	12	12	13	1,954,411	2,049,811	2,204,377	1.44	1.52	1.41	2,814,822	3,071,782	3,116,862	18.59	18.34	18.04
DISTRICT 8—Anson	5,983	8,157	5,695	11	10	10	65,813	81,570	56,950	1.38	1.48	1.40	90,822	120,724	79,730	15.18	14.80	14.00
Cabarrus	12,021	12,444	12,479	11	12	12	132,321	136,884	149,748	1.43	1.45	1.41	189,090	198,482	211,145	15.73	15.95	16.92
Cleveland	9,457	6,972	7,054	11	12	12	104,027	83,664	84,648	1.46	1.47	1.38	151,879	122,986	116,814	16.06	17.44	16.56
Gaston	7,595	7,845	8,299	12	12	13	91,140	94,140	107,887	1.50	1.45	1.45	136,710	136,503	156,436	18.00	17.40	18.46
Lincoln	11,267	11,951	12,019	11	13	13	123,937	155,363	156,247	1.44	1.41	1.42	178,469	219,062	221,870	15.84	18.33	18.46
Mecklenburg	5,860	4,568	4,819	12	10	14	70,320	45,680	67,466	1.45	1.40	1.40	101,964	63,952	94,452	17.40	14.00	19.60
Montgomery	7,757	7,471	8,873	9	10	10	69,813	74,710	88,730	1.40	1.48	1.43	97,738	110,571	126,884	12.60	14.80	14.30
Moore	7,986	7,080	7,984	10	10</													

NORTH CAROLINA OATS

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DISTRICTS AND COUNTIES	Acreage Planted			Yield per Acre Bushels			Production Estimated Bushels			Price Per Bushel			Total Value of Crop			Value Per Acre		
	1927	1928	1929	'27	'28	'29	1927	1928	1929	'27	'28	'29	1927	1928	1929	1927	1928	1929
DISTRICT 1																		
Alleghany	2,193	2,094	2,050	25	24	26	54,825	50,256	53,300	.61	.72	.73	33,443	36,184	38,909	15.25	17.28	18.98
Ashe	5,034	5,243	5,349	18	25	23	90,612	131,075	123,027	.73	.70	.71	66,147	91,755	87,349	13.14	17.50	16.33
Avery	2,051	1,363	1,353	20	20	21	41,020	27,260	28,413	.71	.77	.84	29,124	20,990	23,867	14.20	15.40	17.64
Caldwell	1,739	1,404	1,671	21	21	22	36,519	29,484	36,762	.78	.80	.80	28,485	23,587	29,410	16.38	16.80	17.60
Surry	2,636	1,787	2,190	20	19	23	52,720	33,953	50,370	.76	.72	.73	40,067	24,446	36,770	15.20	13.68	16.79
Watauga	3,085	3,085	3,057	14	15	24	43,190	46,275	73,368	.72	.76	.78	31,097	35,169	57,227	10.08	11.40	18.72
Wilkes	1,893	1,491	1,841	20	16	21	37,860	23,856	38,661	.77	.77	.73	29,152	18,369	28,223	15.40	12.32	15.33
Yadkin	2,687	2,253	2,771	20	20	23	53,740	45,060	63,733	.80	.70	.75	42,992	31,542	47,800	16.00	14.00	17.28
Northern Mountain (NW.)	21,318	18,729	20,282	19	20	23	410,486	387,219	467,634	.73	.74	.75	300,507	282,042	349,555	14.31	15.92	17.25
DISTRICT 4—Buncombe	5,157	3,829	4,664	17	25	22	87,669	95,725	102,608	.72	.76	.70	63,122	72,751	71,826	12.24	19.00	15.40
Burke	1,305	1,625	1,196	16	20	22	20,880	32,500	26,312	.71	.75	.75	14,825	24,375	19,734	11.36	15.00	16.50
Cherokee	409	270	329	20	19	20	8,180	4,050	6,580	.72	.77	.75	5,889	3,119	4,935	14.40	11.55	15.00
Clay	279	387	185	25	23	20	6,975	8,901	3,700	.74	.85	.77	5,162	7,566	2,849	18.50	19.75	15.40
Graham	95	222	102	18	22	21	1,710	4,884	2,142	.90	.76	.80	1,539	3,712	1,714	16.20	16.72	16.80
Haywood	3,071	3,237	3,905	23	21	20	70,633	67,977	78,100	.67	.72	.73	47,324	48,943	57,013	15.41	15.12	14.66
Henderson	1,109	802	811	18	20	20	19,962	16,040	16,220	.73	.70	.65	14,572	11,228	10,543	13.14	14.00	13.06
Jackson	1,489	1,770	1,309	12	23	23	17,868	40,710	30,107	.73	.80	.80	13,044	32,568	24,086	8.76	18.40	18.40
McDowell	526	245	263	16	24	18	8,416	5,880	4,734	.79	.83	.80	6,649	4,880	3,787	12.64	19.92	14.40
Macon	1,146	1,038	1,127	24	19	21	34,704	19,722	23,667	.74	.75	.75	25,681	14,791	17,750	22.41	14.25	15.75
Madison	4,868	3,715	4,143	14	20	22	68,152	74,300	91,146	.62	.75	.68	42,254	55,725	61,979	8.68	15.00	14.96
Mitchell	3,755	3,106	3,407	20	30	23	75,100	93,180	78,361	.67	.82	.81	50,317	76,408	63,472	13.40	24.60	18.63
Polk	971	404	702	18	21	20	17,478	8,484	14,040	.80	.81	.82	12,982	6,872	11,513	14.40	17.01	16.40
Rutherford	3,247	1,825	2,267	15	23	21	48,705	41,975	47,607	.71	.88	.78	34,581	36,938	37,133	10.65	20.24	16.38
Swain	776	314	767	17	25	22	13,192	7,850	16,874	.75	.65	.78	9,894	5,102	13,162	12.75	16.25	17.16
Transylvania	157	80	118	18	23	22	2,826	1,840	2,596	.72	.66	.81	2,035	1,214	2,103	12.96	15.18	17.82
Yancey	5,227	4,334	4,949	17	30	23	88,859	130,020	113,827	.69	.71	.68	61,313	92,314	77,402	11.73	21.30	15.64
Western Mountain (W.)	33,587	27,203	30,244	18	23	22	591,309	654,038	658,621	.70	.76	.73	412,183	498,506	481,001	12.27	18.33	15.90
DISTRICT 2—Alamance	4,282	2,535	3,142	16	23	21	68,512	58,305	65,982	.78	.80	.88	53,439	46,644	58,064	12.48	18.40	18.48
Caswell	1,023	790	1,046	18	20	20	18,414	15,800	20,920	.58	.75	.74	10,680	11,850	15,481	10.44	15.00	14.80
Durham	979	1,137	1,840	20	15	20	19,580	17,055	36,800	.83	.76	.80	16,251	12,962	29,440	16.60	11.40	16.00
Forsyth	5,361	4,287	4,926	20	26	25	107,220	111,462	123,150	.75	.79	.81	80,415	88,055	99,752	15.00	20.54	20.25
Franklin	704	874	998	12	23	20	8,448	20,102	19,960	.72	.77	.80	6,083	15,478	15,968	8.64	17.71	16.00
Granville	1,507	774	1,330	20	15	22	30,140	11,610	29,260	.79	.80	.90	23,811	9,288	26,334	15.80	12.00	19.80
Guilford	5,254	3,541	4,564	21	24	26	110,334	84,984	118,664	.78	.82	.74	86,061	69,687	87,811	16.38	19.68	19.24
Orange	1,979	1,123	1,638	16	15	21	31,664	16,845	34,398	.71	.78	.83	22,481	13,139	28,550	11.36	11.70	17.43
Person	2,094	1,539	1,951	17	20	23	35,598	30,780	44,873	.75	.75	.87	26,699	23,085	39,040	12.75	15.00	20.01
Rockingham	2,203	2,189	1,744	16	20	21	35,248	43,780	36,624	.79	.80	.65	27,846	35,024	23,806	12.64	16.00	13.65
Stokes	1,379	1,608	2,059	20	24	22	27,580	38,592	45,298	.77	.82	.76	21,237	31,645	34,426	15.40	19.68	16.72
Vance	468	315	266	20	17	20	9,360	5,355	5,320	.73	.77	.85	6,833	4,123	4,522	14.60	13.09	17.00
Warren	1,140	687	652	21	30	21	23,940	20,610	13,692	.82	.80	.82	19,631	16,488	11,227	17.22	27.16	17.22
Northern Piedmont (N.)	28,373	21,399	26,156	19	21	23	526,038	475,280	594,941	.76	.78	.80	401,467	377,468	474,421	14.15	17.64	18.14
DISTRICT 5—Alexander	1,216	814	781	20	18	23	24,320	14,652	17,963	.70	.76	.76	17,024	11,136	13,652	14.00	13.68	17.48
Catawba	5,334	3,808	4,064	17	18	23	90,678	68,544	93,472	.75	.82	.82	68,009	56,206	76,648	12.75	14.76	18.86
Chatham	5,392	2,362	4,518	19	18	20	102,448	40,716	90,360	.71	.66	.81	72,738	26,873	73,192	13.49	11.38	16.20
Davidson	6,287	3,749	5,080	22	21	23	138,314	78,729	116,840	.62	.71	.70	55,755	55,898	81,788	13.64	14.91	16.10
Davie	2,815	1,161	2,490	20	20	25	56,300	23,220	62,250	.66	.75	.69	37,158	17,415	42,953	16.78	15.00	17.25
Iredell	6,166	3,847	5,769	18	19	24	110,988	73,093	138,456	.68	.82	.72	75,472	59,936	99,688	12.24	15.58	17.28
Lee	2,152	1,372	1,906	21	19	22	45,192	26,068	41,932	.78	.69	.72	35,250	17,987	30,191	16.38	13.11	15.84
Randolph	6,902	3,005	5,137	20	20	22	138,040	60,100	13,014	.69	.70	.76	95,248	42,070	9,890	13.80	14.00	19.25
Rowan	10,205	6,139	9,657	21	21	25	214,305	128,919	241,425	.70	.71	.74	150,014	91,532	178,655	14.70	14.91	18.50
Wake	2,279	2,510	4,014	20	22	21	45,580	55,220	84,294	.78	.75	.75	35,552	41,415	63,221	15.60	16.50	15.75
Central Piedmont (C.)	48,748	28,767	43,416	20	20	21	966,165	569,261	900,006	.70	.74	.74	672,220	420,468	669,878	13.79	14.62	15.43
DISTRICT 8—Anson	11,287	7,876	12,229	17	20	28	191,879	157,520	342,412	.75	.77	.81	143,909	127,354	277,354	12.75	15.40	22.68
Cabarrus	5,695	3,577	5,888	23	21	24	130,985	75,117	141,312	.66	.75	.75	86,450	56,338	105,984	15.18	15.75	18.00
Cleveland	4,748	2,821	3,930	19	21	24	90,212	59,241	94,320	.76	.77	.76	68,561	45,616	71,683	14.44	16.17	18.24
Gaston	5,034	3,235	4,661	20	20	24	100,680	64,700	111,864	.73	.73	.75	73,496	47,231	83,898	14.60	14.60	18.00
Lincoln	3,115	1,919	3,360	19	20	26	59,185	38,380	87,360	.71	.71	.76	42,021	27,250	66,394	13.49	14.20	19.76
Mecklenburg	5,727	2,414	4,916	20	19	26	114,540	45,866	127,816	.76	.73	.80	87,050	33,482	102,253	15.20	13.87	20.80
Montgomery	4,341	1,998	3,110	19	19	22	82,479	37,962	68,420	.74	.76	.79	61,034	28,851	54,052	14.06	14.44	17.38
Moore	2,924	1,689	2,138	20	24	22	48,480	40,536	47,036	.76	.77	.78	36,845	31,213	36,688	12.60	18.48	17.16
Richmond	3,851	5,994	5,491	20	22	25	77,020	131,868	137,275	.78	.73	.71	60,076	96,264	97,465	15.60	16.06	17.75
Stanly	8,325	2,603	5,868	19	20	24	158,175	52,060	140,832	.68	.74	.72	107,559	38,524	101,399	1		

OATS

North Carolina's oat production in 1929 showed a substantial increase over the 1928 season, and the area harvested in 1929 was about 35 percent greater than in 1928. This situation was due to the fact that a large proportion of the 1927 fall sown crop was killed by winter freezing as practically the same acreage was planted to oats for the two seasons.

The 1929 oat crop yielded more than for any season during the past ten year period, with very little change in the price level. Prices of North Carolina oats seem to show very little fluctuation and the return per acre of about \$18.00 would hardly justify its production as a money crop. The demand for oats as a feed crop has shown no material increase in the State in recent years. The eastern counties prefer oats as a hay crop, or cut in

a semi-mature condition. This makes an ideal feed.

Due to the unfavorable planting and winter seasons, fall sown grains are showing some reduction for the 1930 season, whereas a sharp increase in spring sowings of oats is reported generally. North Carolina ranked 24th among the States in oat production last year. About 13 percent of the crop is usually sold from the farm, as the majority of the production is consumed by the growers as feed for livestock.

A study of the table showing oats, by counties, on the preceding page, will offer to the reader not only definite ideas regarding his particular county but comparisons between counties and districts. It will be noticed that the districts are by geographical area rather than by political divisions. A comparison of the State and Federal data, both on this page

and page 47, offer good yearly data. Last year's crop was considered unusually good in eastern counties, where the acreage is gradually expanding. The current crop to be harvested soon has a somewhat varied condition, with faulty stands of fall sown oats in the western half of the State, but fairly good stands in the East.

In view of the oat crop offering such a good feed product and as it can be grown during the winter and spring months, it is a good catch crop for utilizing land which otherwise might be idle at that time. Even though it has to be harvested somewhat early in order to plant corn or summer planted crops, yet it can be saved for hay or grazed to advantage. North Carolina grows a very small percentage of oats in proportion to the average State of the Union. The low cost of production warrants the expansion of the oat crop.

OATS
NORTH CAROLINA

Year	Acre-age	Yield per Acre bu.	Pro-duction bu.	Price per bu. dollars	Total Value dollars
1929	258,000	24.0	6,192,000	.75	4,644,000
1928	191,000	22.0	4,202,000	.78	3,277,560
1927	273,000	21.0	5,733,000	.72	4,127,760
1926	310,000	22.0	6,820,000	.69	4,706,000
1925	258,000	19.0	4,902,000	.76	3,726,000
1924	258,000	18.0	4,644,000	.84	3,901,000
1923	231,000	22.0	5,082,000	.74	3,761,000
1922	220,000	21.0	4,620,000	.67	3,095,000
1921	170,000	18.0	3,060,000	.70	2,142,000
1920	154,000	22.0	3,388,000	.96	3,252,000

UNITED STATES					
(1000 acres)		(1000 bu.)	cents	(\$1000)	
1929	40,217	30.8	1,238,654	43.5	538,445
1928	41,734	34.5	1,439,407	40.9	589,048
1927	41,941	28.2	1,182,594	45.0	531,762
1926	44,177	28.2	1,246,848	39.8	496,582
1925	44,872	33.2	1,487,550	38.0	565,506
1924	42,110	35.7	1,502,529	47.7	717,189
1923	40,981	31.9	1,305,883	41.4	541,137
1922	40,790	29.8	1,215,803	39.4	478,948
1921	45,495	23.7	1,073,341	30.2	325,554
1920	42,491	35.2	1,496,281	46.0	688,311



The oat crop is rapidly shifting from a fall planted to the spring planted acreage. In eastern North Carolina, the crop is largely harvested in the mature state for hay. The threshing is done largely in the central counties.



Very little rye is grown in the coastal belt, or east of Raleigh. The intensive producing areas are in the north western and the south central counties.

RYE

The principal rye producing areas of the State extend from the center of the Piedmont counties westward through the mountains. However, about seven thousand acres of rye are scattered through the eastern counties and are cut mature and used for feed, as is the case of most other small grains in these counties.

A study of the North Carolina eleven year table on rye (above) shows a considerable increase in the acreage since the World War period. However, the peak was reached in 1926, with a decline since until last year. The prices received for these crops show a rather constant yearly average since the post war

deflation occurred. Last year's average was \$1.40 or about the average for ten years.

Within the State the heaviest producing counties are Wilkes, Ashe, Surry, Yadkin, Alleghany, Guilford, Iredell and Randolph. The yields generally vary from 9 to 13 bushels, with the State averaging about 12. It is probable that these yields are reported on a rather high basis, which means that the true average is somewhat less than is shown.

A study of prices shows that the index number of rye is about one-third higher than the pre-war level. In as much as most crops show a similar trend, the purchasing power is just about the same as

For related facts see pages 5, 17, 19, 35, 40, 43

it was from 1910 to 1913. On pages 36 and 37 the price trends show low levels in 1922 and 1927, with the highest prices found in 1925 and following the 1928 crop.

A common purpose in the planting of rye is for grazing or soil improvement. It is taken advantage of as a winter cover crop, often being cut for hay or grazed in the spring when a main crop has to be planted before the rye matures. Economic farming practices show that this is a good plan. Very little rye is grown for seed in the eastern half of the State, while the biggest proportion grown for grain is in the western Piedmont and Mountain counties.

RYE
NORTH CAROLINA

Year	Acre-age	Yield per Acre bu.	Pro-duction bu.	Price per bu. dollars	Total Value dollars
1929	98,000	12.0	1,176,000	1.40	1,646,400
1928	89,000	11.5	1,024,000	1.45	1,484,800
1927	94,000	12.0	1,128,000	1.35	1,522,800
1926	104,000	13.0	1,352,000	1.25	1,690,000
1925	80,000	11.5	920,000	1.57	1,444,000
1924	71,000	9.0	639,000	1.49	952,000
1923	75,000	10.4	780,000	1.35	1,053,000
1922	60,000	8.0	480,000	1.20	576,000
1921	39,000	7.0	273,000	1.25	341,000
1920	43,000	9.5	408,000	1.90	775,000

UNITED STATES					
(1000 acres)		(1000 bu.)		(\$1000)	
1929	3,225	12.6	40,629	87.1	35,371
1928	3,480	12.5	43,366	86.0	37,290
1927	3,648	15.9	58,164	85.3	49,609
1926	3,574	11.4	40,749	83.4	33,991
1925	3,974	11.7	46,456	78.2	36,340
1924	4,156	15.8	65,520	106.4	69,742
1923	5,171	12.2	63,077	65.0	40,971
1922	6,672	15.5	103,362	68.5	70,841
1921	4,528	13.6	61,675	69.7	43,014
1920	4,409	13.7	60,490	126.8	76,693

NORTH CAROLINA RYE

19

DISTRICTS AND COUNTIES	Acreage Planted			Yield per Acre Bushels	Production Estimated Bushels			Price Per Bushel			Total Value of Crop			Value Per Acre		
	1927	1928	1929		1927	1928	1929	'27	'28	'29	1927	1928	1929	1927	1928	1929
DISTRICT 1																
Alleghany	4,707	4,330	3,185	11 12 12	51,777	51,960	38,220	1.16	1.37	1.30	60,061	71,185	49,686	12.76	16.44	15.60
Ashe	5,621	5,115	3,850	9 14 13	50,589	71,610	50,050	1.21	1.36	1.24	61,213	97,390	62,062	10.89	19.04	16.12
Avery	1,046	1,004	551	15 12 12	15,690	12,048	6,612	1.22	1.39	1.37	19,142	16,747	9,058	18.30	16.68	16.44
Caldwell	2,468	2,320	2,273	8 8 10	19,744	18,560	22,730	1.29	1.46	1.32	25,470	27,098	30,004	10.32	11.68	13.20
Surry	3,923	3,923	3,800	12 13 12	47,076	50,999	45,600	1.45	1.40	1.32	68,260	71,399	60,192	17.40	18.20	15.84
Watauga	2,505	2,480	1,629	11 13 12	32,240	19,548	12,812	1.42	1.42	1.40	35,270	33,001	27,367	14.08	13.31	16.80
Wilkes	7,721	7,798	8,282	10 11 11	77,210	85,778	91,102	1.29	1.42	1.27	99,601	121,805	115,700	12.90	15.62	13.97
Yadkin	2,662	2,689	3,829	10 10 12	26,620	26,890	45,948	1.38	1.48	1.32	36,736	39,797	60,651	13.80	14.80	15.84
Northern Mountain (NW.)	30,653	29,659	27,399	10 12 12	316,261	350,085	319,810	1.28	1.37	1.30	405,753	478,422	414,720	13.24	16.13	15.14
DISTRICT 4—Buncombe	3,152	2,908	2,078	13 14 12	40,976	40,712	24,936	1.41	1.43	1.44	57,776	58,218	35,908	18.33	20.01	17.28
Burke	2,662	2,369	2,826	11 11 11	29,282	26,059	31,086	1.42	1.48	1.30	41,580	38,567	40,412	15.62	16.28	14.30
Cherokee	4,089	3,925	2,970	9 10 12	36,801	39,250	35,640	1.24	1.59	1.36	45,633	62,408	48,470	11.16	15.90	16.32
Clay	976	1,127	1,449	7 9 11	6,832	10,143	15,939	1.35	1.46	1.38	9,223	14,809	21,996	9.45	13.14	15.18
Graham	607	607	224	9 12 11	5,463	7,284	2,464	1.50	1.62	1.43	8,195	11,800	3,524	13.50	19.44	15.73
Haywood	2,000	2,060	1,474	11 13 13	22,000	26,780	19,162	1.36	1.48	1.42	29,920	39,634	27,210	14.96	19.24	18.46
Henderson	3,370	3,774	2,800	11 12 12	37,070	45,288	33,600	1.57	1.50	1.49	58,200	67,932	50,064	17.27	18.00	17.88
Jackson	968	997	851	12 12 11	11,616	11,964	9,361	1.35	1.57	1.48	15,682	18,783	13,854	16.20	18.84	16.28
McDowell	1,681	1,513	1,419	10 12 11	16,810	18,156	15,609	1.38	1.47	1.32	23,198	26,689	20,640	13.80	17.64	14.52
Macon	1,173	1,079	1,180	11 12 12	12,903	12,948	14,160	1.26	1.41	1.33	16,258	18,257	18,833	13.86	16.92	15.96
Madison	1,642	1,757	995	10 12 11	16,420	21,084	10,945	1.42	1.50	1.40	23,316	31,626	15,323	14.20	18.00	15.40
Mitchell	363	323	176	15 12 13	5,445	3,876	2,288	1.43	1.48	1.36	7,786	5,736	3,112	21.41	17.76	17.68
Polk	2,032	1,788	1,069	12 10 12	24,384	17,880	12,828	1.58	1.52	1.45	38,527	27,178	18,601	18.96	15.20	17.40
Rutherford	1,956	2,054	1,604	10 10 12	19,560	20,540	19,248	1.64	1.42	1.36	32,078	29,167	26,177	16.40	14.20	16.32
Swin	617	592	816	11 11 12	6,787	6,512	9,792	1.30	1.67	1.42	8,823	10,875	12,905	13.40	18.37	17.04
Transylvania	2,134	1,806	1,423	11 10 12	23,474	20,060	9,876	1.38	1.40	1.50	32,394	28,084	14,814	15.18	14.00	18.00
Yancey	673	680	456	15 12 12	10,095	8,160	5,472	1.35	1.54	1.39	13,628	12,566	7,606	20.25	18.48	16.68
Western Mountain (W.)	30,095	29,359	23,810	11 12 12	325,918	348,896	279,606	1.42	1.44	1.40	462,217	502,329	391,213	15.36	17.10	16.43
DISTRICT 2—Alamance	3,142	3,581	2,459	13 11 10	40,846	39,391	24,590	1.55	1.67	1.50	63,311	65,783	36,885	20.15	18.37	15.00
Caswell	470	456	787	15 12 12	7,050	5,472	9,444	1.25	1.58	1.45	8,813	8,646	13,694	18.75	18.96	17.40
Durham	334	367	427	13 10 11	4,342	3,670	4,697	1.50	1.75	1.59	6,513	6,423	7,468	19.50	17.50	17.49
Forsyth	1,189	1,165	1,284	13 11 14	15,457	12,815	17,976	1.38	1.58	1.47	21,331	20,248	26,425	17.94	17.38	20.58
Franklin	226	233	441	14 11 10	3,164	2,563	4,410	1.65	1.83	1.60	5,221	4,690	7,056	23.10	20.13	16.00
Granville	573	607	666	11 11 11	6,303	6,677	7,326	1.52	1.70	1.52	9,581	11,351	11,136	16.72	18.70	16.72
Guilford	3,587	3,838	4,116	12 12 12	43,044	46,056	49,392	1.36	1.59	1.48	58,540	73,229	73,100	16.32	19.08	17.76
Orange	797	829	699	13 11 11	10,361	9,119	7,689	1.49	1.67	1.58	15,438	15,229	12,149	19.37	18.37	17.38
Person	291	291	136	10 12 11	2,910	3,492	1,496	1.45	1.50	1.45	4,220	5,238	2,169	14.50	18.00	15.95
Rockingham	1,611	1,514	2,105	12 11 13	19,332	16,654	27,365	1.39	1.54	1.44	26,871	25,647	39,406	16.68	16.94	18.72
Stokes	2,110	2,194	2,918	12 11 13	25,320	24,134	37,934	1.55	1.50	1.49	39,246	36,201	56,522	18.60	15.90	19.37
Vance	26	26	65	13 11 10	338	286	650	1.60	1.75	1.58	541	500	1,027	20.81	19.23	15.80
Warren	115	135	278	12 9 10	1,380	1,215	2,780	1.70	1.81	1.65	2,346	2,199	4,587	20.40	16.29	16.50
Northern Piedmont (N.)	14,471	15,236	16,381	12 11 12	179,847	171,544	195,749	1.46	1.61	1.49	261,972	275,384	291,624	18.10	18.07	17.80
DISTRICT 5—Alexander	3,417	3,349	2,503	9 9 10	30,753	30,141	25,030	1.21	1.44	1.41	37,211	43,403	35,292	10.89	12.96	14.10
Catawba	3,423	3,320	2,437	8 11 11	27,384	36,520	26,807	1.50	1.37	1.48	41,076	50,032	39,674	12.00	15.07	16.28
Chatham	1,286	1,145	1,192	11 13 11	14,146	14,885	13,112	1.63	1.60	1.45	23,058	23,816	19,012	17.93	20.80	15.95
Davidson	2,315	2,546	2,080	11 12 12	25,465	30,552	24,960	1.40	1.35	1.35	35,651	41,245	33,696	15.40	16.20	16.20
Davie	1,364	1,419	1,492	9 10 12	12,276	14,190	17,904	1.33	1.38	1.36	16,327	19,582	24,349	11.97	13.80	16.32
Iredell	4,579	4,899	4,261	10 10 11	45,790	48,990	46,871	1.25	1.39	1.41	57,238	68,096	66,088	12.50	13.90	15.51
Lee	160	120	191	12 11 10	1,920	1,320	1,910	1.75	1.75	1.65	3,360	2,310	3,151	21.00	19.25	16.50
Randolph	3,365	3,567	3,295	12 11 11	40,380	39,237	36,245	1.50	1.48	1.36	60,570	58,071	49,293	18.00	16.28	14.96
Rowan	2,010	2,171	1,960	12 13 12	24,120	28,223	23,520	1.37	1.42	1.37	33,044	40,077	32,222	16.44	18.46	16.44
Wake	293	481	538	14 12 10	4,102	5,772	5,380	1.68	1.82	1.75	6,891	10,505	9,415	23.51	21.83	17.50
Central Piedmont (C.)	22,212	23,017	19,949	10 11 11	226,336	249,830	221,739	1.39	1.43	1.41	314,426	357,137	312,192	14.15	15.51	15.65
DISTRICT 8—Anson	287	319	302	11 13 11	3,157	4,147	3,322	1.75	1.69	1.62	5,525	7,008	5,382	19.25	21.97	17.82
Cabarrus	933	1,017	1,397	11 12 11	10,263	12,204	15,367	1.33	1.67	1.38	13,650	20,381	21,206	14.63	20.04	15.18
Cleveland	436	445	440	11 10 11	4,796	4,450	4,840	1.42	1.53	1.49	6,810	6,809	7,212	15.62	15.30	16.39
Gaston	878	781	876	14 11 11	12,292	8,591	9,636	1.50	1.50	1.51	18,438	12,886	14,550	21.00	16.50	16.61
Lincoln	1,415	1,373	947	13 13 11	18,395	17,849	10,417	1.54	1.43	1.49	28,328	25,524	15,521	20.02	18.59	16.39
Mecklenburg	906	797	934	11 13 12	9,966	10,361	11,208	1.55	1.66	1.50	15,447	17,199	16,812	17.05	21.58	18.00
Montgomery	497	492	488	14 9 9	6,958	4,428	4,392	1.33	1.56	1.62	9,254	6,908	7,115	18.62	14.04	14.58
Moore	638	644	779	8 7 9	5,104	4,508	7,011	1.46	1.80	1.70	7,452	8,114	11,919	11.68	12.60	15.30
Richmond	422	414	309	11 11 10	4,642	4,554	3,090	1.80	1.53	1.70	8,356	6,968	5,253	19.80	16.83	17.00
Stanly	576	501	748	11 11 11	6,336	5,511	8,228	1.17	1.48	1.41	7,413	8,156	11,601	12.87	16.28	15.51
Union	259	241	236	12 12 11	3,108	2,892	2,596	1.67	1.70	1.52	5,190	4,916	3,946	20.03	20.39	16.72
Southern Piedmont (S.)	7,247	7,024	7,456	12 11 11	85,017	79,495	80,107	1.48	1.57	1.50	125,863	124,869	120,517	17.37		

NORTH CAROLINA PEANUTS

DISTRICTS AND COUNTIES	Acreage Planted			Yield per Acre Pounds			Production Estimated Pounds			Price Per Pound			Total Value of Crop			Value Per Acre		
	1927	1928	1929	1927	1928	1929	1927	1928	1929	'27	'28	'29	1927	1928	1929	1927	1928	1929
DISTRICT 1																		
Alleghany			33			920			30,360			9.0			2,732			82.79
Ashe			11			920			10,120			9.0			911			82.82
Avery		11	6			920			5,520			9.0			497			82.83
Caldwell	99	56	112	1,000	950	900	99,000	53,200	100,800	5.0	5.0	7.0	4,950	2,660	7,056	50.00	47.50	63.00
Curry	2	9	50			920			46,000			8.0			3,680			73.60
Watauga			10			920			9,200			9.0			828			82.80
Wilkes	8	23	38	1,000	950	920	8,000	21,850	34,960	5.0	5.0	8.0	400	1,093	2,797	50.00	47.52	73.61
Yadkin	25	25	111	1,000	950	890	25,000	23,750	98,790	5.0	5.0	8.0	1,250	1,188	7,903	50.00	47.52	71.20
Northern Mountain (NW.)	134	124	371	1,000	950	905	132,000	98,800	335,750	5.0	5.0	7.9	6,600	4,941	26,404	49.25	47.51	71.17
DISTRICT 4—Buncombe	9	64	31	1,000	830	930	9,000	53,120	28,830	5.0	5.0	9.0	450	2,656	2,595	50.00	41.50	83.71
Burke	122	171	147	1,000	700	975	122,000	119,700	143,325	5.0	5.0	9.0	6,100	5,985	12,899	50.00	35.00	87.75
Cherokee	6	7	5	1,000		930	6,000		4,650	5.0		9.0	300		419	50.00		83.80
Clay	8		32	1,000		930	8,000		29,760	5.0		9.0	400		2,678	50.00		83.69
Graham	25			1,000			25,000			5.0			1,250			50.00		
Haywood	10	43	25	1,000	837	930	10,000	35,991	23,250	5.0	5.0	9.0	500	1,799	2,096	50.00	41.84	83.84
Henderson	23	8	44	1,000		930	23,000		40,920	5.0		9.0	1,150		3,683	50.00		83.70
Jackson	9	27	12	1,000	800	930	9,000	21,600	11,160	5.0	5.0	9.0	450	1,080	1,004	50.00	40.00	83.67
McDowell	19	10	20	1,000		930	19,000		18,600	5.0		9.0	950		1,674	50.00		83.70
Macon	3	18	2			930			1,860			9.0			167			83.50
Madison		1	8			930			7,440			9.0			670			83.75
Mitchell		1	6			930			5,580			9.0			502			83.67
Polk	17	14	10	1,000	1,000	950	17,000	14,000	9,500	5.0	5.0	9.0	850	700	855	50.00	50.00	85.50
Rutherford	61	74	90	1,000	900	980	61,000	66,600	88,200	5.0	5.0	8.0	3,050	3,330	7,056	50.00	45.00	78.40
Swain	7			1,000			7,000			5.0			350			50.00		
Transylvania		3																
Yancey		3	20			930			18,600			9.0			1,674			
Western Mountain (W.)	319	444	452	1,000	791	955	316,000	311,011	431,675	5.0	5.0	8.8	15,800	15,550	37,972	49.53	39.57	84.01
DISTRICT 2—Alamance	65	137	64	1,000	850	900	65,000	116,450	57,600	5.0	5.0	6.0	3,250	5,823	3,456	50.00	42.50	54.00
Caswell	80	27	43	1,000	950	900	80,000	25,650	38,700	5.0	5.0	7.0	4,000	1,283	2,709	50.00	47.52	63.00
Durham	33	17	52	1,000	900	900	33,000	15,300	46,800	5.0	5.0	5.2	1,650	765	2,434	50.00	45.00	46.81
Forsyth	13	8	7	1,000	900	950	13,000	7,200	6,650	5.0	5.0	7.0	650	360	465	50.00	45.00	66.43
Franklin	53	16	12	1,000	1,200	965	53,000	19,200	11,580	4.5	4.5	4.3	2,385	864	498	45.00	54.00	41.50
Granville	19		21	1,000		910	19,000		19,110	4.5		5.0	855		956	45.00		45.52
Guilford	25	26	69	1,000	975	910	25,000	25,350	62,790	5.0	5.0	7.0	1,250	1,268	4,395	50.00	48.76	63.69
Orange	20	18	12	1,000	955	890	20,000	17,190	10,680	5.0	5.0	6.0	1,000	860	641	50.00	47.77	53.42
Person	4		3			910			2,730			6.0			164			54.67
Rockingham	11	12	61	1,000	950	920	11,000	11,400	56,120	5.0	5.0	7.0	550	570	3,928	50.00	47.50	64.39
Stokes	3	3	36			900			32,400			8.0			2,592			72.00
Vance	6	10		1,000			6,000			4.5			270					
Warren	977	492	304	1,000	900	940	977,000	442,800	285,760	5.0	4.3	3.0	48,850	19,040	8,573	50.00	38.69	28.20
Northern Piedmont (N.)	1,309	770	684	1,000	904	922	1,302,000	680,540	630,920	4.9	4.5	4.9	64,710	30,833	30,811	49.43	40.94	45.04
DISTRICT 5—Alexander	52	71	88	1,000	980	880	52,000	69,580	77,440	5.0	5.0	8.0	2,600	3,479	6,195	50.00	49.00	70.40
Catawba	225	261	334	1,000	1,000	1,000	225,000	261,000	334,000	5.0	5.0	8.0	11,250	13,050	26,720	50.00	50.00	80.00
Chatham	52	27	151	1,000	960	910	52,000	25,920	137,410	5.0	5.0	5.2	2,600	1,296	7,145	50.00	48.00	47.82
Davidson	162	102	60	1,000	1,000	920	162,000	102,000	55,200	5.0	5.0	7.0	8,100	5,100	3,864	50.00	50.00	64.40
Davie	55	8	154	1,000		1,030	55,000		158,620	5.0		8.0	2,750		12,690	50.00		82.40
Iredell	89	80	201	1,000	985	1,040	89,000	78,800	209,040	5.0	5.0	8.0	4,450	3,940	16,723	50.00	49.25	83.20
Lee	11	23	64	1,000	800	970	11,000	18,400	62,080	5.0	5.0	4.6	550	920	2,856	50.00	40.00	44.62
Randolph	76	62	89	1,000	990	870	76,000	61,380	77,430	5.0	5.0	6.0	3,800	3,069	4,646	50.00	49.50	52.20
Rowan	216	184	247	1,000	1,200	1,100	216,000	320,800	271,700	5.0	5.0	7.0	10,800	11,040	19,019	50.00	60.00	77.00
Wake	154	128	159	1,000	950	890	154,000	121,600	141,510	5.0	5.0	5.0	7,700	6,080	7,076	50.00	47.50	44.50
Central Piedmont (C.)	1,092	946	1,547	1,000	1,023	9*5	1,092,000	959,480	1,524,430	5.0	5.0	7.0	54,600	47,974	106,934	50.00	51.14	69.12
DISTRICT 8—Anson	6	11	65	1,000	820	1,000	6,000	9,020	65,000	5.0	5.0	5.0	300	451	3,250	50.00	41.00	50.00
Cabarrus	75	70	101	1,000	800	925	75,000	56,000	93,425	5.0	5.0	6.0	3,750	2,800	5,605	50.00	40.00	55.49
Cleveland	43	30	29	1,000	700	920	43,000	21,000	26,680	5.0	5.0	7.0	2,150	1,050	1,868	50.00	35.00	64.41
Gaston	122	142	104	1,000	800	980	122,000	113,600	101,920	5.0	5.0	7.0	8,250	5,680	7,134	50.00	40.00	68.60
Lincoln	116	128	173	1,000	800	1,000	116,000	102,400	173,000	5.0	5.0	7.0	5,800	5,120	12,110	50.00	40.00	70.00
Mecklenburg	54	42	81	1,000	810	960	54,000	34,020	77,760	5.0	5.0	6.0	2,700	1,701	4,666	50.00	40.50	57.60
Montgomery	15	47	52	1,000	830	880	15,000	39,010	45,760	5.0	5.0	6.0	750	1,951	2,746	50.00	41.51	52.81
Moore	20	15	62	1,000	800	940	20,000	12,000	58,280	5.0	5.0	5.0	1,000	600	2,914	50.00	40.00	47.00
Richmond	79	144	58	1,000	800	1,000	79,000	115,200	58,000	5.0	5.0	4.5	3,950	5,760	2,610	50.00	40.00	45.00
Stanly	67	54	42	1,000	790	930	67,000	42,660	39,060	5.0	5.0	6.0	3,350	2,123	2,344	50.00	39.50	55.81
Union	181	53	10	1,000	900	980	181,000	45,900	9,800	5.0	5.0	5.3	9,050	2,295	519	50.00	45.00	51.90
Southern Piedmont (S.)	778	736	777	1,000	805	964	778,000	590,810	748,685	5.3	5.0	6.1	41,050	29,541	45,766	52.76	40.25	58.90
DISTRICT 3—Bertie	37,961	34,769	35,108	930	900	1,017	35,341,691	31,292,100	35,704,836	5.0	5.0	3.7	1,767,985	1,564,605	1,321,079	46.55	45.00	37.62
Camden	291	151	463	950	965	1,100	276,450	145,715	509,300	4.5	5.0	3.8	12,440	7,286	19,353	42.75	48.25	41.79
Chowan	12,269	11,627	10,693	900	963	970	11,042,100	11,196,801	10,372,210	5.0	4.0	3.7	552,105	447,872	383,772	45.00	38.52	35.89
Currituck	123	214	80	950	966	1,000	116,850	206,724	80,000	4.5	5.0	3.8	5,258	10,386	3,040	42.75	48.53	38.00
Dare	7		7			1,010			7,070			3.7			262			37.43
Edgecombe	15,669	16,438	17,753	952	956	1,050	14,916,888	15,714,728	18,640,650	5.0	4.6	3.6	745,844	722,877	671,063	42.75	43.97	37.79
Gates	13,679	12,464	12,426	930	950	1,015	12,721,470	11,840,800	12,612,390	5.0	5.1	3.9	636,074	603,881	491,883	46.50	48.45	39.58
Halifax	30,667	27,140	30,910	960	954	1,030	29,440,320	25,891,560	31,837,300	5.0	4.8							

PEANUTS

North Carolina ranks second to Georgia in the production of peanuts. Last year the State's acreage in this crop was about 7 percent more than in 1928. Increased acreage was reported from all the commercial growing areas and the yields were generally about the average. Bertie, Northampton and Halifax counties report the largest commercial acreage, and over 83 percent of the State's acreage is located in a few of the northeastern Coastal counties.

The "Agricultural Outlook Report" of February, 1930, said: "In 1929 Virginia, North Carolina and Tennessee, which

grow chiefly the Virginia type of peanut, harvested 400,000 acres, the largest acreage on record. This was 7 percent above the acreage harvested for nuts in 1928 and 18 percent above the average for the five preceding years. The carry-over into the 1930 season, especially of the Virginia type nuts, may be much heavier than the relatively heavy stock at the beginning of the present season. If average yields in these areas are secured in 1930 on as large an acreage as in 1929, continued low prices may be anticipated."

North Carolina has reduced her acreage some, but probably not enough to help prices much. The above "Outlook" re-

port very probably helped in the acreage reduction. This proves the value of that report. During May the State Statistician found that the prices being paid by the cleaners in North Carolina-Virginia were somewhat below 3 cents, with no immediate prospects of an increase, due to the heavy supply. There seems to be a shift from the large to the small peanut in the trade demands. This may result in an increase in the Spanish type in the near future.

A study of the distribution table on page 23 shows the location of the peanut counties, along with a comparison of other crops.

PEANUTS
NORTH CAROLINA

Year	Acre- age har- vested	Yield per Acre lbs.	Pro- duction lbs.	Price per lb. cents	Total Value dollars
1929	245,000	1,020	249,900,000	3.5	8,747,000
1928	228,000	1,050	239,400,000	4.9	11,731,000
1927	227,000	954	216,558,000	4.5	9,745,000
1926	180,000	1,038	185,400,000	4.2	7,787,000
1925	185,000	1,150	212,750,000	3.9	8,297,000
1924	195,000	900	175,500,000	5.4	9,477,000
1923	160,000	1,100	176,000,000	7.4	13,024,000
1922	145,000	840	121,800,000	4.0	4,872,000
1921	141,000	919	129,579,000	5.6	7,256,000
1920	226,000	1,011	127,386,000	5.6	7,134,000

UNITED STATES

	1000-acres	(1000 lbs.)	(\$1000)	
1929	1,328,700.8	930,700	3.62	33,691
1928	1,211,706.1	855,096	4.44	37,966
1927	1,142,757.0	864,549	3.98	34,409
1926	843,749.5	631,825	4.54	28,685
1925	958,729.1	698,475	3.64	25,424
1924	1,187,627.7	745,059	4.60	34,273
1923	896,722.9	647,762	6.78	43,918
1922	1,005,630.0	633,114	4.68	29,630
1921	1,214,683.1	829,307	3.99	33,089
1920	1,181,712.5	841,474	5.26	44,262



Statisticians making usual examination of field crops. In this case it is peanuts near Scotland Neck—Halifax County—in September when the crop was pegging and showing the real crop prospects.

CARLOT SHIPMENTS

The table on carlot shipments of fruits and vegetables on page 22 locates the principal growing and shipping counties. The figures are in carlot quantities and on the extreme right, show the county total cars for all truck and fruit crops. Of course, these shipments do not always include complete movement by motor trucks, but such data are included wherever available.

The annual and seasonal movements of truck crops are shown at the bottom of the page for the year 1921-1929. Thus a study in the changes from year to year is available.

In making up the commercial production forecasts, the attempt is not made to forecast the shipments but the potential or economic production. For instance, if only 80 percent of the potato crop is of the No. 1 grade and no No. 2 grades are shipped, the carlot movement data would show an 80 percent comparison with the forecasted production. Many commercial readers of crop reports criticize the government because they miss the carlot movements.

Most of the trucking and shipping areas of vegetables are in the eastern half of the Coastal area, while fruits are shipped primarily from the Sandhills and certain of the mountain counties. Some of the most diversified of these counties are New Hanover, Duplin, Pender, Pasquotank and Wayne.

DISTRIBUTION OF CROPS

The January Farm Forecaster had a table showing the 1929 Farm Census crop acreages, by counties. On page 23 of this issue is the same information expressed in percentages. For instance, Wake County, in the fifth district, (Central Piedmont) showed 158,376 total acres of cultivated land. This was 29.8 percent of all land reported in the county. Tobacco is shown to occupy 21.5 percent of the cultivated acreage, with the other crops indicated in similar percentages. This table provides the facts on percentage distribution or proportion that each crop occupies of the plowed land.

Study Peculiar To Statistics

Graphically pictured, the State would show the lowest percentage of cultivated lands in the mountain and Seaboard counties. The largest proportion of plowland left idle would be shown in the Central counties. Corn is fairly well distributed throughout the State, while tobacco occupies the northern and eastern half of the State's area. Cotton runs throughout the eastern and southern half of the State, extending to the mountains. Wheat occupies the western half of the State, with the heaviest area in the Central Piedmont counties.

Rye is irregularly important through the western half, while oats are saved for the threshed grain in the western half and fed as a mature feed in the eastern half of North Carolina. Peanuts are found in the eastern or Coastal counties, but the commercial area is limited to nine important counties in the northeastern portion. Soy beans are gradually spreading over the State for hay purposes, but are harvested largely for the beans in the extreme eastern counties. Commercial Irish potatoes are found close to the Coast.

COMMERCIAL VEGETABLES

Sandwiched between the important commercial area around Norfolk on the north and Florida on the south, North Carolina often has severe competition in successfully disposing of its truck crops. Only three or four days belated harvesting of a particular crop may result in a change of market prices which spell "ruin," whereas two or three days earliness may mean pleasing profits. This is why truck crops are so hazardous and vary so from year to year in acreage.

The important area for growing early vegetables is near the seacoast—that area being the earliest in the State for crop maturity. A possible exception to this rule is the commercial area in Wayne and Duplin counties. Another area of this type is Scotland County. This latter area has had so many losses in connection with cantaloupes and watermelons that their importance is about gone. Watermelons still remain somewhat extensive there.

The Primary Trucking Centers

The section around Mt. Olive, on the Wayne-Duplin line, grows quite a variety of commercial vegetables, specializing in potatoes, cucumbers, beans, English peas, strawberries, peppers and watermelons. The Wilmington and Elizabeth City areas are also important in their diversified truck crops. A study of the county carlot shipments on page 22 and of the fruits and vegetables data on page 24 will readily locate the most important producing areas.

Fruit crops are to be found in the western half of the State, beginning with peaches in the Sandhill area of Richmond and Moore counties, and extending into the mountain counties where apples predominate. It has been clearly demonstrated that apples can be successfully grown on a commercial scale in Wake County. A prerequisite in all successful fruit growing is the year-around care in cultivation, pruning, spraying, etc.

CAR LOT SHIPMENTS OF FRUITS AND VEGETABLES FROM NORTH CAROLINA BY COUNTIES FOR 1929

COUNTIES	Apples	Dried Apples	String Beans	Cabbage	Cantaloupes	Carrots	Cucumbers	Eggplant	Grapes	Lettuce	Onions	Peaches	Green Peas	Peppers	Sweet Potatoes	Irish Potatoes	Rutabagas and Turnips	Spinach	Strawberries	Tomatoes	Mixed Vegetables	Watermelons	Total County Shipments
Anson												69											69
Ashe																6							6
Avery	5															3							8
Beaufort			1	3									11			20	1133	1		3			1172
Bladen			12													1							14
Brunswick			10				22									3					3	1	39
Buncombe	10																10						20
Caldwell			2	1												34	365						6
Camden			6	145							2		1		168	268			1		7	79	677
Carteret															8								8
Catawba													11			1	9					9	30
Chowan			77				31								51	26			350				536
Columbus			15	17			6						5		9	52					37		141
Craven												39			96	280			3			81	128
Cumberland															495	20							376
Currituck			83		6		287			4			24	39					855		18	70	1881
Duplin																							20
Edgecombe																							3
Forsyth												3										1	7
Gates																9	1						10
Granville													1			2	33						36
Halifax												6											6
Harnett	26																30						56
Haywood	1			5			6					8					52						58
Henderson																							92
Hoke	2						1										1						3
Jackson																	1						2
Jones												8											8
Lee																							22
Lenoir				2													20						5
McDowell																	5						1
Macon																	1						49
Martin																1	48						11
Mitchell	3																8						288
Montgomery	2											286											426
Moore												423											790
New Hanover			85			33	93			346							17		4		208		17
Onslow			16														1						1036
Pamlico				40									1		106	888					1		1121
Pasquotank			43	6									160		9	894							312
Pender			77				64			13			1			2	4	1	125		25		7
Perquimans																	7						201
Pitt																4	197						342
Richmond												329										9	232
Robeson			36	5	16							7					8					160	3
Rowan					2															1			187
Sampson								2							68		11		43			63	192
Scotland																						137	133
Surry	121	2					6					5											1
Swain																	1						512
Tyrrell													16				496						31
Wake																	9						18
Warren					18																		127
Washington													49				78						1
Watauga																	1						774
Wayne			129				135		1				20	8	1	420			24			36	14
Wilkes	7	1															6						4
Wilson																				1			1
Yancey																							4
Pick-up Cars			133									37	64	6			63	100		80		94	449
Boat Shipments			11	37									4										215
State Total	177	3	736	261	88	33	651	2	5	363	2	1250	368	125	597	6018	7	5	1483	2	402	758	13,336
Truck Shipments			1																387				388

Boat shipments are incomplete, as they were active with both fruits and vegetables.

CAR LOT SHIPMENTS OF FRUITS AND VEGETABLES FROM NORTH CAROLINA

COMMODITY	SEASONS								1929 SEASON												
	1921	1922	1923	1924	1925	1926	1927	1928	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 129
Apples	77	384	220	433	344	393	80	231	11	4	3					28	66	48	14	3	177
Apples, Dried	1	1			6	2	1	4									1	1	1		3
Beans, String	128	219	261	559	459	550	504	690					424	278	2		1	28	3		736
Beans, Dry	2		1	1	3																
Cabbage	253	213	364	265	371	347	293	254				67	184	5	4	1					261
Cantaloupes	894	700	620	401	655	397	606	304							82	6					88
Carrots		1		3	11	28	11	1						16	17						33
Celery							1														
Cucumbers	641	687	1,175	1,639	1,562	869	935	812						458	193						651
Deciduous Fruits		3	1			4															
Eggplant																2					2
Grapes				1		1	1	2							3	1			1		5
Lettuce	445	622	718	714	537	540	447	477				253	110								363
Onions						2								2							2
Peaches	594	1,452	215	1,657	2,024	2,155	1,702	3,242					4	31	1,198	17					1,250
Peas, Green					491	596	570	685													368
Peppers		3	10	11	18	11	39	107				41	327		8	92	17	5	3		125
Potatoes, Sweet	982	721	654	720	1,198	1,364	1,692	760	68	31	85	54	43	12	14	124	55	37	27	47	597
Potatoes, White	3,071	4,202	3,475	6,566	4,052	6,713	7,555	9,736	5	8	2	1	482	4,857	466	147	34	10	3	3	6,018
Rutabagas and Turnips	6	9	5	2	3		4	3				4	1								5
Spinach	5	5	25	21	11	2	21	2	4	1											5
Strawberries	503	1,101	1,668	2,046	1,634	1,253	2,202	2,151				1,144	339								1,483
Tomatoes	1			8	8	27	33	3							1	1					2
Vegetables, Mixed	66	326	758	1,093	853	673	761	517											2		402
Watermelons	1,657	993	1,542	664	991	1,301	1,085	1,252							140	618					758
Total Cars	9,326	11,642	11,712	16,802	15,222	17,228	18,543	21,233	88	45	93	1,617	2,032	5,797	2,279	991	162	127	51	54	13,336

For related facts see pages 4, 6, 21, 30, 31, 35, 40.

DISTRIBUTION OF CROPS IN NORTH CAROLINA

23

DISTRICTS AND COUNTIES	Cultivated Area		Per Cent of North Carolina's Crop Land Occupied by Crops 1929																
	Total Acres	Percent of Farm Land	Tobacco	Cotton	Corn	Wheat	Oats for Grain	Rye for Grain	Peanuts	Cow-peas for Peas	Soy-beans for Peas	Soybeans for Beans	Cowpeas for Hay	Small Grain Hay	Clover Hay	Other Grasses	Irish Potatoes	Sweet Potatoes	Other Field Truck
DISTRICT 1																			
Alleghany	18,441	12.8	.2	—	38.0	6.2	11.1	17.3	.2	.2	2.3	.3	.1	—	9.5	17.1	1.8	.1	5.5
Ashe	32,632	10.1	—	—	49.0	9.2	16.4	11.8	—	—	—	—	.1	—	.4	18.0	2.0	—	2.8
Avery	14,907	11.2	—	—	30.9	1.8	9.1	3.7	—	—	.3	—	.1	—	.4	17.5	6.5	—	4.6
Caldwell	42,830	13.9	1.4	1.5	42.7	19.4	3.9	5.3	.3	1.0	1.3	3.4	1.6	.6	.7	1.9	2.4	1.5	2.9
Surry	71,719	20.0	26.8	—	43.4	14.9	3.1	5.3	.1	.6	.3	1.5	.3	.2	1.6	1.9	.9	.7	1.9
Watauga	28,444	14.6	—	.1	30.8	3.8	10.7	5.7	—	—	—	—	.3	—	.1	14.7	7.4	.2	7.0
Wilkes	74,516	15.4	1.5	.5	50.5	19.0	2.5	11.1	—	2.1	1.0	1.7	.8	.2	1.6	2.3	2.1	1.1	2.5
Yadkin	68,205	30.4	15.8	1.4	31.1	22.6	4.1	5.6	.2	1.4	.3	2.6	.6	.3	3.6	.6	.4	.4	1.4
Northern Mountain (NW.)	351,694	16.2	9.0	.6	41.1	15.4	5.8	7.8	.1	1.0	.6	1.6	.6	.3	2.2	5.7	2.2	.7	2.8
DISTRICT 4—Buncombe	45,695	12.8	2.4	—	51.3	10.6	10.2	3.9	.1	.2	.2	3.0	.6	1.2	2.7	7.8	2.7	.5	4.1
Burke	52,024	20.7	—	17.7	40.6	24.0	2.3	5.4	.3	2.4	.6	2.8	1.6	1.0	1.8	1.2	1.2	1.2	2.0
Cherokee	31,756	8.6	—	—	68.3	.5	1.0	9.4	—	.4	.3	1.2	.4	.2	.1	5.0	2.6	1.4	.8
Clay	15,988	20.7	.1	—	61.6	15.5	1.2	9.1	.2	.8	.9	.6	.2	.2	.4	4.1	1.5	1.0	1.8
Graham	7,256	17.6	.2	.2	72.2	—	1.4	3.1	—	—	.1	—	.2	.2	.6	8.6	4.1	1.6	.6
Haywood	30,941	16.0	1.7	.1	45.4	13.4	12.6	4.8	.1	.5	.8	2.4	.6	1.0	2.7	9.8	3.8	.3	4.4
Henderson	34,801	15.4	.1	.1	52.2	3.7	2.3	8.0	.1	.7	1.9	4.7	1.3	.6	3.2	4.3	5.9	1.0	6.7
Jackson	26,152	13.1	.1	.1	50.4	7.2	5.0	3.3	—	.1	.5	2.7	.3	.7	2.9	12.2	4.2	1.3	3.2
McDowell	23,240	12.8	—	.2	57.8	15.6	1.1	6.1	.1	.7	3.6	6.6	.1	.4	.6	1.2	2.2	1.6	4.3
Macon	30,208	13.6	.1	—	49.2	9.6	3.7	3.9	—	.7	1.9	2.6	.5	.4	1.0	6.7	2.9	.8	3.3
Madison	38,732	14.8	9.3	.1	41.9	10.3	10.7	2.6	—	.1	.2	.8	.1	.4	3.2	12.8	1.6	.4	1.4
Mitchell	20,982	21.6	.4	.2	32.8	4.7	16.2	.8	—	—	.2	.5	.1	.3	1.3	4.4	3.2	.3	4.4
Polk	32,008	26.4	—	36.7	38.2	3.5	2.2	3.3	—	.7	.2	.9	1.2	.2	.5	.7	.5	2.2	2.2
Rutherford	88,676	27.0	—	46.6	37.1	7.2	2.6	1.8	.1	.8	.3	.4	.8	.3	.2	.8	.5	1.9	1.6
Swain	16,259	12.8	—	—	62.1	2.6	4.7	5.0	—	.6	.5	1.4	.1	.4	2.2	5.3	3.9	1.5	2.7
Sylvania	13,318	9.9	—	—	71.4	.5	.9	10.7	—	—	—	1.0	1.2	.1	2.1	4.9	3.2	.5	3.7
Yancey	31,293	17.7	2.9	.1	37.7	6.5	15.8	1.5	.1	.1	.1	.3	.2	.1	3.2	8.2	2.6	.6	2.4
Western Mountain (W.)	539,329	16.0	1.2	10.7	47.0	9.0	5.6	4.4	.1	.6	.7	1.9	.6	.5	1.6	5.2	2.4	1.1	2.8
DISTRICT 2—Alamance	83,182	28.0	11.7	5.3	34.5	20.6	3.8	3.0	—	.2	.2	7.3	.4	1.0	2.4	1.1	.5	.6	2.2
Caswell	55,608	21.0	35.8	.9	34.1	13.7	1.9	1.4	.1	.5	.3	1.1	.8	.8	1.2	.5	1.0	1.1	3.0
Durham	47,990	19.8	27.1	6.3	34.5	8.2	3.8	.9	.1	.7	.5	4.6	2.0	1.5	2.5	1.6	.7	1.4	3.5
Forsyth	70,867	28.5	13.7	1.5	28.1	19.7	7.0	1.8	—	.2	.3	4.5	.4	.6	8.7	1.2	.7	.6	3.6
Franklin	97,348	32.2	19.6	43.2	30.7	.8	1.0	.5	—	.2	.3	.2	.2	.5	.2	.3	.2	.8	1.8
Granville	62,029	18.5	34.7	6.5	44.7	7.9	2.1	1.1	—	.3	.1	.4	.3	.2	.5	.6	.4	.9	1.7
Guilford	111,863	28.5	13.0	2.2	34.0	17.8	4.1	3.7	.1	.2	.4	6.6	.7	1.0	3.7	1.2	.7	1.0	3.3
Orange	54,863	22.8	12.3	7.4	39.7	22.9	3.0	1.3	—	.2	.1	6.1	.4	.3	2.6	.6	.4	.5	1.4
Person	59,868	21.1	32.8	—	40.5	12.0	3.3	.2	—	.2	.3	.4	.6	.2	3.1	.4	1.0	.9	2.4
Rockingham	70,985	23.5	30.8	—	30.8	16.2	2.5	3.0	.1	.3	.4	1.8	1.0	.7	2.2	1.8	1.0	3.2	3.5
Stokes	69,010	24.2	32.6	—	32.4	18.0	3.0	4.2	.1	.2	.2	.5	.2	.2	2.6	.8	1.2	1.1	2.5
Vance	44,627	24.8	36.4	22.8	31.4	1.7	.6	.1	—	.2	.2	.6	.2	.9	1.0	.6	.5	.8	2.0
Warren	78,006	27.2	10.6	48.2	30.4	2.1	.8	.4	.4	1.2	.2	.5	.7	.4	2.1	.6	.4	.8	1.6
Northern Piedmont (N.)	906,246	24.7	22.4	12.1	34.0	12.6	2.9	1.8	.1	.4	.3	2.8	.6	.6	2.6	.9	.6	.9	2.5
DISTRICT 5—Alexander	34,145	22.3	3.5	15.1	34.6	23.3	2.3	7.3	.3	1.5	1.9	2.3	1.1	.2	2.9	.3	.7	.7	.7
Catawba	80,303	33.4	—	28.4	24.7	20.4	5.1	3.0	.4	1.2	.3	2.0	1.2	1.5	5.4	1.1	.5	1.4	2.2
Chatham	90,741	19.1	4.5	18.7	39.0	21.4	5.0	1.3	.2	.4	.9	3.5	.2	.2	1.6	.4	.3	.7	.6
Davidson	90,050	30.8	4.9	5.9	23.3	24.6	5.6	2.3	.1	.3	.3	3.6	.8	.5	5.2	1.2	.5	1.4	2.1
Davie	48,496	25.5	3.4	19.6	29.6	23.2	5.1	3.1	.3	.4	.5	3.1	.2	.5	4.9	1.0	.5	.6	1.7
Iredell	125,717	32.9	.7	33.7	28.4	19.6	4.6	3.4	.2	1.0	.7	.4	.4	.7	4.3	.6	.4	.4	1.2
Lee	36,374	23.2	10.9	37.4	34.9	6.1	5.2	.5	—	.2	.3	.8	2.0	.1	.1	.1	.4	1.0	1.3
Randolph	119,109	19.1	3.5	4.2	30.9	27.9	4.3	2.8	.1	.2	.3	5.8	.2	.5	4.5	.8	.6	.5	1.1
Rowan	141,450	44.0	—	25.6	21.3	22.0	6.8	1.4	.2	.4	1.2	2.7	.7	1.7	6.7	.8	.4	.4	1.4
Wake	158,376	29.8	21.5	35.9	31.9	1.8	2.5	.3	.1	.2	.3	1.0	.4	.5	1.1	.5	.2	1.3	2.7
Central Piedmont (C.)	924,761	27.5	5.9	23.1	29.0	18.5	4.7	2.2	.2	.5	.6	2.5	.6	.7	3.7	.7	.4	.8	1.6
DISTRICT 8—Anson	105,606	32.2	—	55.3	24.6	5.4	11.6	.3	.1	.1	.2	.8	.6	.6	1.0	.9	.4	.9	.5
Cabarrus	80,982	36.6	—	37.7	28.7	15.4	7.3	1.7	.1	.4	.7	2.3	.4	1.4	2.6	2.6	.3	.3	.9
Cleveland	128,831	49.8	—	61.7	26.3	5.5	3.1	.3	—	.1	—	.1	.2	.6	—	.1	.2	.6	.7
Gaston	85,032	34.7	—	39.6	31.0	9.8	5.5	1.0	.1	.4	.2	1.1	.8	2.7	1.6	.8	.3	1.2	2.4
Lincoln	79,868	37.7	—	44.8	26.9	15.0	4.2	1.2	.2	.5	.3	1.1	.6	.8	2.7	.8	.4	.5	.7
Mecklenburg	131,829	39.4	—	51.3	32.7	3.7	3.7	.7	.1	.6	.2	1.4	.4	2.0	.5	1.3	.2	.4	1.8
Montgomery	44,513	11.6	2.3	24.2	33.1	19.9	7.0	1.1	.1	.3	.5	.9	.3	.7	1.3	.4	.4	.5	.8
Moore	61,298	13.8	9.7	17.3	31.4	13.0	3.5	1.3	.1	.6	.5	1.2	.7	.8	.2	.5	.4	.8	1.9
Richmond	87,668	27.6	.5	53.4	27.7	1.7	6.3	.4	.1	.4	.3	.6	.6	.1	.1	.5	.4	.6	2.5
Stanly	80,232	30.1	—	26.6	28.7	29.1	7.3	.9	.1	.1	.2	.2	.1	.6	7.1	.3	.4	.5	.8
Union	138,072	35.9	—	54.5	30.4	5.8	8.7	.2	—	.3	.2	.8	.4	1.1	1.8	.8	.3	.6	1.2
Southern Piedmont (S.)	1,023,931	30.2	.7	45.9	29.0	9.8	6.2	.7	.1	.3	.2	.8	.4	1.1	1.8	.8	.3	.6	1.2
DISTRICT 3—Bertie	91,246	24.5	9.3	20.6	25.6	—	.5	.1	38.5	.2	.5	1.0	—	.6	—	.1	.2	.9	.5
Camden	37,705	22.1	—	17.8	40.4	.2	.3	—	1.2	.1	26.1	3.3	—	.2	—	—	7.2	2.2	.5
Chowan	35,418	20.9	2.3	28.7	28.5	.1	.5	.1	30.2	.9	1.1	—	—	.1	.5	.2	1.3	2.4	.5
Currituck	37,542	25.7	—	11.6	43.4	.1	.5	.2	.2	1.1	22.4	3.6	.2	—	—	.3	6.7	8.1	1.7
Dare	773	31.6	—	1.8	26.8	.4	2.8	—	.9	3.1	27.6	—	—	—	—	—	6.3	14.0	.9
Edgecombe	143,103	46.2	17.0	37.6	22.3	.1	2.1	.1	12.4	.2	.3	.5	.1	.3	.4	.1	.3	.4	.7
Gates	43,211	21.2	.5	23.5	35.1	.1	.4	.2	28.8	.8	2.3	.8	.1	.4	—	.2	.7	1.7	.8
Halifax	159,152																		

DISTRICTS AND COUNTIES	No. Tenant Families on Farms	No. Field Workers Including Tenants	Cultivated		Fruit Trees of Bearing Age			Vegetables			Acres Straw Berries and Dewberries	Sorghum Cane for Syrup	Cover Crops Plowed Under	Bee Hives	Horses and Mules		
			By Owners Acres	By Tenants Acres	Pecan Trees	Peach Trees	Apple Trees	Melons Cantaloupes Acres	Home Gardens Acres	Other Field Truck							
	1928	1929	1929	1929	1926	1927	1929	1927	1927	1928	1929	1928	1928	1928	1926	1928	1929
DISTRICT 1																	
Alleghany	136	1,411	12,050	6,391		12,353	34,714	3	578	173	1,011	3	32	104	1,930	1,661	1,727
Ashe	357	2,069	24,500	8,132	440	78,107	113,814	2	840	544	907	11	114	101	1,460	2,920	3,063
Avery	205	1,520	13,418	1,489		857	87,635		544	300	683	4	48	61	758	949	995
Caldwell	515	4,448	29,616	13,214	875	56,881	86,815	316	689	510	1,238	14	407	304	2,949	2,521	2,704
Surry	1,462	7,383	48,709	23,010	648	72,234	119,948	250	1,370	997	1,347	46	135	2,454	2,978	4,912	5,107
Watauga	250	1,896	26,028	2,416	731	96,337	103,353	21	1,084	426	2,002		140		1,866	2,160	2,109
Wilkes	817	9,136	53,515	21,001	767	97,174	249,295	193	1,784	1,639	1,834	58	450	1,798	7,500	4,213	4,515
Yadkin	1,363	3,452	48,357	19,848	167	76,719	48,538	249	734	898	952	71	135	2,610	2,141	3,658	3,871
Northern Mountain (NW.)	5,105	31,315	256,193	95,501	3,628	490,662	844,112	1,034	7,623	5,487	9,968	207	1,461	7,432	21,582	22,994	24,091
DISTRICT 4—Buncombe	490	3,613	32,954	12,741	890	86,827	145,749		2,149	1,781	1,876	261	576	1,079	4,461	3,949	3,776
Burke	455	4,107	35,097	16,927	763	73,445	120,067	418	731	778	1,033	42	258	488	2,374	3,127	3,106
Cherokee	867	3,463	19,176	12,580	57	41,559	54,297	99	592	466	257	25	325	320	3,056	2,426	2,169
Clay	209	1,873	11,432	4,556	6	1,981	19,494	38	271	30	293	3	131	51	1,240	1,028	1,088
Graham	280	1,400	6,158	1,098		1,942	17,126		170	155	46		87	53	1,550	801	770
Haywood	531	2,070	23,652	7,289	486	40,000	98,990	30	600	460	1,376	30	197	179	2,551	2,245	1,812
Henderson	503	882	26,773	8,028	293	29,524	126,247	48	1,276	1,952	2,321	82	261	1,076	1,943	2,332	2,123
Jackson	317	2,534	21,352	4,800	90	32,570	70,495	13	731	439	841	34	477	303	3,426	1,850	2,203
McDowell	404	1,878	13,445	9,795	156	33,327	42,681	78	942	700	1,004	16	220	200	1,555	1,564	1,597
Macon	415	3,681	24,660	5,548	138	58,383	69,047	64	461	591	1,000	18	358	84	3,191	2,445	2,324
Madison	856	3,581	24,732	14,000	638	43,733	78,366	41	829	423	533	23	254	116	2,122	2,976	3,065
Mitchell	100	2,503	17,908	3,074	79	4,127	62,821	3	616	534	931	17	85	107	951	1,362	1,346
Polk	644	3,444	17,446	14,562	389	45,414	22,116	330	320	790	714	66	350	196	1,077	1,620	1,603
Rutherford	1,709	9,446	46,914	41,762	386	75,533	56,706	603	1,009	774	1,418	51	901	399	3,294	4,795	5,112
Swain	263	2,712	12,685	3,574	483	36,874	45,703	25	359	182	445	6	156	164	1,526	662	1,282
Transylvania	324	1,017	7,629	5,689	348	6,370	16,434	41	504	623	490	7	20	104	436	774	709
Yancey	416	2,856	23,039	8,254	44	37,619	85,556	5	837	866	750	16	74	135	1,307	1,929	2,087
Western Mountain (W.)	8,783	51,060	365,052	174,277	5,246	649,228	1,131,895	1,836	12,397	11,544	15,328	697	4,730	5,054	36,060	35,885	36,168
DISTRICT 2—Alamance	980	6,235	58,834	24,348	805	43,039	38,298	631	821	1,304	1,870	104	125	1,491	2,900	5,266	5,359
Caswell	1,444	5,435	20,170	35,438	609	30,745	31,141	470	869	1,763	1,652	43	111	1,512	994	3,836	3,817
Durham	1,290	3,005	20,733	27,257	202	22,669	21,940	286	1,087	1,583	1,684	23	209	702	1,051	3,157	3,579
Forsyth	1,460	2,280	43,253	27,614	107	87,142	52,963	725	1,477	2,552	2,578	49	137	2,289	1,713	4,723	3,945
Franklin	2,978	7,529	30,638	66,710	572	26,287	34,215	312	1,545	1,196	1,766	62	68	554	1,734	6,145	6,302
Granville	1,568	5,212	29,873	32,156	559	31,216	15,748	227	1,574	1,036	1,036	6	25	228	1,229	5,384	5,972
Guilford	1,074	7,991	86,208	25,655	1,696	69,216	72,048	1,151	1,469	1,957	3,667	176	163	2,995	3,310	6,831	6,724
Orange	752	3,092	36,366	18,497		37,362	36,200	170	797	209	793	15	100	437	1,852	4,444	3,823
Person	1,979	5,337	22,622	37,246	317	28,623	41,023	198	1,444	1,149	1,424	7	85	1,118	1,021	4,881	4,754
Rockingham	1,708	7,277	36,666	34,319	437	37,233	52,888	468	1,384	1,489	2,240	48	238	2,851	2,359	4,543	4,213
Stokes	1,656	5,764	38,834	30,176	161	84,379	82,510	138	2,305	710	1,716	17	73	1,966	3,084	4,784	5,055
Vance	1,225	3,275	16,681	27,946	807	19,736	20,008	253	955	544	873	32	12	160	903	3,255	3,484
Warren	1,857	5,983	38,916	39,090	709	25,115	31,348	1,032	1,305	1,053	1,248	72	165	1,174	1,381	4,489	4,398
Northern Piedmont (N.)	19,971	68,415	479,794	426,452	6,981	542,762	530,330	6,061	17,032	16,545	22,547	654	1,511	17,477	23,531	61,738	61,425
DISTRICT 5—Alexander	387	3,428	26,021	8,124	137	128,020	129,154	147	399	204	230	19	217	733	2,761	2,033	1,960
Catawba	1,213	7,177	53,027	27,276	553	127,200	62,368	709	1,073	1,964	1,773	189	285	1,088	2,329	4,735	4,369
Chatham	1,117	6,839	63,056	27,685	768	32,598	41,295	194	1,137	348	530	25	126	701	3,359	6,181	5,894
Davidson	815	5,048	64,342	25,708	762	75,495	39,329	842	1,214	1,670	1,929	82	135	2,872	3,030	5,374	6,344
Davie	706	2,325	23,683	24,813	115	19,430	19,322	173	456	1,050	833	11	50	1,107	1,047	2,666	2,844
Iredell	1,860	8,945	65,603	60,114		90,209	78,898	491	1,020	1,023	1,528	92	185	1,250	1,839	6,445	6,666
Lee	642	1,976	20,784	15,590	318	16,124	9,770	68	325	243	476	98	68	60	291	2,223	2,276
Randolph	763	6,273	88,929	30,180	785	89,699	70,677	770	1,095	1,054	1,343	50	197	1,874	4,610	5,772	6,881
Rowan	1,692	5,530	50,682	50,768	1,037	90,174	52,245	929	1,681	2,138	2,025	53	203	2,229	2,711	7,055	6,368
Wake	4,155	15,814	64,528	93,848	3,102	90,843	64,615	756	2,331	2,743	4,318	45	155	1,444	3,008	10,298	9,769
Central Piedmont (C.)	13,350	64,160	560,655	364,106	7,577	759,792	567,583	5,079	10,731	12,437	14,985	664	1,621	13,358			

Sows			Hogs		Hens			Milk Cows			Sheep	No. Ewes on Breeding Age	No. Usable Tractors on Farms	No. Autos and Trucks on Farms	Year's tons Commercial Fertilizer for All Crops	No. Radios on Farms	DISTRICTS AND COUNTIES	
No. of Breeding	Age		Sold and Slaughtered		Number of Laying	Age	Number of Milking	Age										
26	1927	1928	1929	1928	1929	1926	1927	1928	1929	1927	1928	1929	1927	1927	1928	1928	1929	
397	681	897	677	4,176	4,337	29,744	33,393	35,163	32,211	3,122	3,155	3,459	6,442	6	594	3,466	17	DISTRICT 1
527	827	853	794	7,147	8,292	60,456	75,522	69,083	63,259	6,086	5,868	6,719	7,946	10	666	2,035	23	Alleghany
151	315	276	309	2,509	2,691	13,514	22,290	21,266	17,975	1,940	1,915	1,954	2,740	1	198	346	40	Ashe
85	558	591	804	3,941	6,599	50,120	57,813	59,673	51,684	3,491	3,326	4,130	306	75	956	2,550	57	Avery
64	228	357	699	5,574	7,622	66,273	72,798	67,427	63,487	4,952	4,360	4,721	25	97	1,805	9,671	37	Caldwell
73	485	485	997	4,072	3,619	48,022	55,062	55,062	39,678	3,699	3,699	4,249	5,482	3	625	935	11	Surry
76	586	708	703	7,967	10,586	84,777	95,015	90,522	80,869	6,931	6,340	6,937	315	97	1,522	3,089	69	Watauga
89	457	452	348	4,883	5,600	57,248	63,489	66,573	57,632	3,142	3,178	3,414	65	97	1,684	5,175	64	Wilkes
62	4,137	4,619	5,331	40,269	49,346	410,154	475,382	464,769	406,795	33,363	31,841	35,583	23,321	386	8,080	27,277	318	Yadkin
61	618	652	598	6,439	7,622	111,155	142,056	109,833	96,642	11,074	9,362	10,551	1,504	100	1,735	963	135	Northern Mountain (N.W.)
35	439	494	745	4,070	5,421	53,025	58,464	76,247	73,799	2,988	3,240	4,379	461	70	1,017	3,081	47	Buncombe—DISTRICT 4
65	576	622	302	4,575	3,663	43,146	52,525	53,542	40,026	2,959	2,980	2,748	302	8	495	784	16	Burke
03	592	619	600	3,380	3,796	18,991	26,306	25,479	22,614	1,481	1,504	1,591	546	7	203	387	10	Cherokee
06	470	297	419	1,778	1,246	11,738	12,212	14,264	11,442	992	1,059	1,000	525	1	69	200	2	Clay
64	564	572	552	4,088	3,605	10,945	10,945	62,094	45,113	4,076	4,215	3,700	2,800	20	497	649	23	Graham
68	523	477	428	4,905	4,041	62,997	71,001	73,531	61,004	4,480	4,144	4,031	1,000	86	1,294	2,317	193	Haywood
59	1,122	1,012	929	5,335	5,627	36,173	48,986	40,815	39,953	3,520	2,931	3,677	2,682	9	402	505	29	Henderson
152	161	239	315	2,622	2,751	25,338	26,924	33,132	26,374	1,772	1,772	1,935	26	40	488	692	20	Jackson
884	1,116	943	845	5,968	6,092	32,753	40,546	44,023	36,303	3,020	3,242	3,497	1,240	24	507	1,053	39	McDowell
421	529	448	430	4,098	4,326	59,569	68,502	76,495	63,491	3,953	3,950	4,068	1,916	7	658	850	50	Macon
253	426	268	215	3,102	3,000	24,439	26,639	24,499	21,522	1,876	1,999	2,025	1,019	1	251	820	50	Madison
64	113	138	120	1,804	1,916	23,011	28,538	29,790	30,786	1,412	1,560	1,552	15	32	662	3,010	69	Mitchell
280	233	362	428	5,674	6,619	77,172	67,633	77,163	67,826	4,066	4,403	4,624	20	76	1,869	9,704	98	Polk
262	159	121	266	1,144	1,978	21,939	23,969	22,680	21,979	1,712	949	1,845	595	2	76	86	12	Rutherford
330	674	492	356	3,572	2,112	24,493	33,285	19,733	15,705	1,429	1,292	1,174	768	31	374	712	50	Swain
165	457	340	337	3,303	4,443	31,592	45,745	36,990	32,516	3,547	2,786	2,997	3,226	2	251	522	30	Transylvania
172	8,772	8,136	7,885	65,857	68,258	668,476	774,276	810,310	707,095	54,357	51,388	55,394	18,645	516	10,848	26,335	862	Yancey
800	1,012	1,134	908	8,082	9,826	79,614	87,094	93,297	85,926	4,698	4,981	5,435	403	173	1,896	7,062	114	Western Mountain (W.)
338	331	468	444	4,922	5,355	48,963	47,344	63,256	56,022	2,577	3,005	2,764	113	117	2,040	10,368	59	Alamance—DISTRICT 2
170	283	399	404	4,159	4,659	40,453	31,359	42,012	44,963	3,809	3,184	3,454	14	37	1,150	6,466	50	Caswell
58	531	645	399	7,601	6,305	74,675	85,918	95,918	69,024	5,168	5,528	4,601	159	319	2,620	6,970	95	Durham
30	811	856	764	7,756	8,770	70,250	58,484	69,693	63,899	2,938	3,281	3,154	496	75	2,060	22,211	86	Forsyth
08	611	432	534	5,799	8,682	67,415	67,058	59,191	63,075	4,054	3,459	3,728	416	57	1,866	16,096	79	Franklin
56	954	1,276	1,288	10,896	10,948	112,459	127,976	159,630	123,700	8,460	7,710	8,936	350	412	2,906	10,572	219	Granville
06	455	639	495	5,362	5,704	53,992	66,148	76,211	62,675	3,757	3,553	3,780	131	107	1,578	6,130	80	Guilford
271	179	642	268	5,779	6,074	53,030	55,430	52,620	53,885	3,214	3,228	3,132	131	74	1,664	11,695	49	Orange
152	183	264	425	5,169	3,919	66,071	67,966	77,860	61,158	3,641	3,914	3,069	214	52	2,281	9,549	135	Person
01	603	159	219	5,672	6,316	66,442	72,500	73,490	71,084	3,863	3,552	3,791	55	179	2,295	9,695	45	Rockingham
91	339	358	300	2,929	3,013	43,935	35,586	32,670	31,776	2,221	1,979	1,868	459	97	977	11,101	86	Stokes
94	873	785	688	6,254	6,848	48,946	43,417	44,329	42,803	2,876	2,795	2,774	459	71	1,271	11,533	53	Vance
75	7,155	8,057	7,136	80,380	86,419	817,265	849,280	940,077	829,990	51,276	50,169	50,486	3,400	1,770	24,604	139,448	1,150	Warren
70	342	322	287	2,957	3,155	42,307	44,779	39,889	30,071	2,381	2,002	2,000	88	26	825	2,122	18	Northern Piedmont (N.)
21	798	787	526	6,015	6,069	88,043	102,170	91,711	67,057	5,058	4,866	4,428	149	160	2,192	14,128	178	Alexander—DISTRICT 5
83	1,484	1,871	1,392	14,169	13,010	89,003	89,152	95,910	78,077	4,617	4,616	4,355	1,118	108	2,191	12,587	103	Catawba
96	1,149	1,344	1,074	12,801	9,377	88,630	93,426	106,222	94,855	6,795	6,328	5,715	480	465	3,208	9,902	105	Chatham
02	444	477	439	4,568	4,651	49,389	48,920	51,470	43,553	3,405	3,323	3,456	267	149	1,101	2,688	37	Davidson
112	831	1,052	1,052	10,122	9,906	91,134	96,279	103,596	85,922	6,041	6,031	6,213	173	272	2,562	9,352	111	Davie
55	608	324	595	3,106	3,411	27,057	23,269	29,278	27,455	1,329	1,328	1,326	41	12	844	8,449	5	Iredell
23	1,806	1,552	1,8															

NORTH CAROLINA COWPEAS

DISTRICTS AND COUNTIES	1927		Acres Grown Alone for All Pur- poses	Acres Grown Alone for Peas	Yield			Production				Price				Value				Value			
	Equivalent	Solid			per Acre	Bushels	Bushels	Bushels	Per	Per	Per	Value	Value	Value	Value	Per	Per						
	%	Acres*	1928*	1929*	'27	'28	'29	1927	1928	1929	'27	'28	'29	1927	1928	1929	1927	1928	1929				
DISTRICT 1	28	4	22	46	12	6	13	48	132	598	1.80	2.00	2.10	86	264	1,256	21.50	12.00	27.30				
Alleghany	25	4	9	4	11	7	12	44	63	48	1.80	1.90	2.30	79	120	110	19.75	13.33	27.50				
Ashe	22	3	30	5	11	7	11	33	210	55	1.80	1.65	2.60	59	347	143	19.67	11.57	28.60				
Avery	29	940	1,675	533	12	7	10	11,280	11,725	5,320	1.75	1.50	2.50	19,740	17,587	13,325	21.00	10.50	25.00				
Caldwell	40	1,113	1,599	443	13	5	11	14,469	7,995	4,873	1.69	1.79	2.30	24,453	14,311	11,208	21.97	8.95	25.30				
Surry	27	7	25	10	6	12		70	150		1.80	1.65	2.50	126	248		18.00	9.92					
Watauga	38	2,100	4,327	1,770	11	9	10	23,100	38,943	17,700	1.61	1.70	2.20	37,191	66,203	38,940	17.71	15.29	22.00				
Wilkes	27	1,090	2,504	993	10	5	12	10,900	12,520	11,916	1.65	2.00	2.25	17,985	25,040	26,811	16.50	10.00	27.00				
Yadkin	30	5,261	10,191	3,794	11	7	11	59,944	71,738	40,520	1.66	1.73	2.27	99,719	124,120	91,793	18.95	12.18	24.19				
Northern Mountain (N.W.)	37	250	730	109	10	7	12	2,500	5,110	1,308	1.88	2.00	2.50	4,700	10,271	3,270	18.80	14.06	30.00				
DISTRICT 4—Buncombe	45	1,312	2,600	1,619	12	10	11	15,744	26,000	17,809	1.48	1.70	2.33	23,301	44,460	41,495	17.76	17.10	25.60				
Burke	31	305	322	302	10	5	10	3,050	1,610	3,020	1.55	1.86	2.45	4,728	3,011	7,399	15.50	9.35	24.50				
Cherokee	40	310	358	169	12	8	11	3,720	2,864	1,859	1.61	1.67	2.20	5,989	4,812	4,090	19.32	14.23	24.20				
Clay	25	100	264	32	10	6	9	1,000	1,584	288	1.63	1.90	3.00	1,630	3,025	864	16.30	11.45	27.00				
Graham	28	30	229	181	7	7	11	210	1,603	1,991	2.00	2.33	2.75	420	3,735	5,475	14.00	16.31	30.25				
Haywood	28	385	1,128	325	10	5	10	3,850	5,640	3,250	2.00	1.65	2.50	7,700	9,306	8,125	20.00	8.25	25.00				
Henderson	25	73	338	49	10	6	10	730	2,028	490	1.80	2.00	2.60	1,314	4,056	1,274	18.00	12.00	26.00				
Jackson	33	329	572	207	9	6	10	2,961	3,432	2,070	1.46	1.94	2.40	4,323	6,658	6,648	13.14	11.63	32.12				
McDowell	20	304	456	265	10	5	11	3,040	2,280	2,915	1.50	1.92	2.50	4,560	4,378	7,288	15.00	9.60	27.50				
Macon	30	38	201	62	10	8	11	380	1,608	682	1.80	1.50	2.65	684	2,412	1,807	20.12	12.00	29.14				
Madison	20	4	23	10	12	7	12	48	161	120	1.80	2.00	2.50	86	322	336	21.50	14.00	33.60				
Mitchell	36	245	402	304	11	8	12	2,695	3,216	3,648	1.65	1.45	2.70	4,447	4,663	9,850	18.15	11.59	32.40				
Polk	47	1,266	2,444	1,001	10	8	12	12,660	19,552	12,012	1.45	1.43	2.75	18,357	27,959	33,033	14.50	14.39	33.00				
Rutherford	19	23	142	201	10	8	10	230	1,136	2,010	2.00	2.00	2.50	460	2,272	5,025	20.00	16.00	25.00				
Swain	22	6	10	1	10	7	11	60	70	11	1.80	1.70	2.75	108	119	30	18.00	11.90	30.00				
Transylvania	15	15	53	19	11	7	12	165	371	228	2.00	1.50	2.50	330	557	570	22.00	10.50	30.00				
Yancey	29	4,995	10,272	4,856	11	7	11	53,043	78,265	53,711	1.57	1.69	2.54	83,137	132,016	136,579	16.64	12.85	28.13				
Western Mountain (W.)	23	796	2,266	194	11	4	11	8,756	9,064	2,134	1.60	1.90	3.05	14,010	17,222	6,509	17.60	7.60	33.55				
DISTRICT 2—Alamance	27	731	2,133	361	11	7	10	8,041	14,931	3,610	1.90	2.25	2.50	15,278	33,595	9,025	20.90	15.75	25.00				
Caswell	25	511	2,118	393	12	8	9	6,132	16,944	3,537	1.90	2.00	3.00	11,651	33,888	10,611	22.80	16.00	27.00				
Durham	18	459	1,716	133	12	8	13	5,508	13,728	1,729	1.75	2.31	2.80	9,639	31,712	4,841	21.00	18.48	36.40				
Forsyth	21	339	1,869	417	13	5	10	4,407	9,345	4,170	1.90	1.95	3.05	8,373	18,223	12,719	24.70	9.75	30.50				
Franklin	23	347	1,212	232	12	10	9	4,164	12,120	2,088	2.00	2.50	2.75	8,328	30,300	5,742	24.00	25.00	24.75				
Granville	16	784	3,073	301	11	8	11	8,624	24,584	3,311	1.52	1.75	3.10	13,108	43,022	9,933	16.72	14.00	33.00				
Guilford	20	543	1,631	128	12	8	10	6,516	13,048	1,280	1.86	2.12	3.10	12,123	27,662	3,968	22.33	16.36	31.00				
Orange	17	443	1,171	161	10	10	10	4,430	11,710	1,610	1.85	2.00	2.50	8,196	23,420	4,025	18.50	20.00	25.00				
Person	33	1,063	3,604	293	12	5	12	12,816	18,020	3,516	1.85	2.50	2.90	23,710	45,050	10,196	21.69	12.50	34.80				
Rockingham	32	323	748	165	12	6	10	3,876	4,488	1,650	1.89	2.55	2.50	7,326	11,444	4,125	22.68	15.29	25.00				
Stokes	50	548	967	130	10	7	9	5,480	6,769	1,170	1.90	1.95	2.90	10,412	13,200	3,393	19.00	13.65	26.10				
Vance	58	3,408	4,226	1,011	11	8	10	37,488	33,808	10,110	1.80	1.96	3.00	67,478	66,264	30,330	19.80	15.68	30.00				
Warren	28	10,300	26,734	3,919	11	7	10	116,238	188,559	39,915	1.80	2.09	2.29	209,632	395,002	115,417	20.35	14.78	29.45				
Northern Piedmont (N.)	31	882	1,805	576	12	7	12	10,584	12,635	6,912	1.46	1.86	2.50	15,453	23,501	17,280	17.52	13.01	30.00				
DISTRICT 5—Alexander	40	2,574	5,325	1,008	12	10	13	30,888	53,250	13,104	1.58	1.85	2.75	48,803	98,513	36,036	18.96	18.50	35.75				
Catawba	28	1,028	2,723	555	12	5	11	12,336	13,615	6,105	1.50	2.10	2.75	18,504	28,592	16,789	18.00	10.50	30.25				
Chatham	20	886	2,724	323	13	6	13	11,518	16,344	4,264	1.70	1.97	2.85	19,581	32,198	12,152	22.10	11.82	37.05				
Davidson	19	441	1,098	194	11	7	13	4,851	7,686	2,522	1.45	2.00	2.75	7,034	15,372	6,936	15.95	14.00	35.75				
Davie	31	1,566	3,796	1,442	12	7	13	18,792	26,572	18,746	1.42	1.92	2.40	26,685	51,018	44,990	17.04	13.43	31.20				
Iredell	26	337	1,012	111	11	5	10	3,707	5,060	1,110	1.93	2.17	3.00	7,155	10,980	3,330	21.23	10.84	30.00				
Lee	17	845	2,437	250	13	5	12	10,985	12,185	3,000	1.67	2.25	2.75	18,345	27,416	8,250	21.71	11.24	33.00				
Randolph	23	1,857	4,921	747	12	6	14	22,284	29,526	10,458	1.62	2.03	2.83	36,100	59,938	29,596	19.44	12.18	39.62				
Rowan	36	1,783	4,212	52																			

COWPEAS

For the past thirty years inroads have been made on the acreage of cowpeas by the expansion of soy beans. This is true as to the seed, hay and soil improvement purposes. The soy bean crop can be handled easier and safer than cowpeas. This means that they are not only cheaper to grow but that the production is much more. Advantages that cowpeas have over soy beans are (1) They are edible; (2) Will grow on poorer soils; (3) Require less attention; (4) Do not shed their seed and leaves so readily; (5) Hold their green color in the form of hay when carefully harvested and housed; (6) Do not require a special machine for harvesting and, therefore, can be planted in more

various ways for seed purposes than soy beans.

The important acreage of cowpeas has gradually shifted westward in the State, until the lower Piedmont area is now showing the greatest prominence in this crop. The interest in cowpeas is rather spotted. For instance, certain mountain counties have large acreages, as is also the case in several coastal counties, notably Robeson, Columbus and Wayne.

It is very probably that the Farm Census records, collected through the tax lists each year, do not really show the full extent of the cowpea acreage.

Seeming Errors Need Second Thought

A study of the table on page 26 shows for Scotland County, at the bottom of the page, 1,300 acres in 1927; 6,000 in 1928

and 1,789 in 1929. On the face of this, it looks like either an error or a tremendous shift in the acreage from year to year. As a matter of fact, a careful reading of the headings will show quite a difference in the meaning of these figures. One is the equivalent solid acres for seed; next is the acres grown alone (only) for all purposes and the 1929 information calls for the acreage grown alone (only) for peas. The first acreages include peas planted in corn, for seed; the second does not limit itself to seed production at all, and the third does not include any acreage planted with corn. They are not, therefore, truly comparable. The production and value, for each of these years, should be considered in the light of this explanation.

COWPEAS FOR PEAS

NORTH CAROLINA

Year	Acre- age Har- vested	Yield per Acre bu.	Pro- duction bu.	Price per bu. dollars	Total Value dollars
1929	50,000	9.0	450,000	2.75	1,237,500
1928	53,000	6.5	344,000	1.95	670,800
1927	29,000	9.0	261,000	1.75	456,750
1926	46,000	9.0	414,000	2.25	931,500
1925	39,000	7.0	273,000	2.90	791,700
1924	67,000	7.5	502,000	2.29	1,149,580

UNITED STATES

(1000 bu.)

(\$1000)

Year	Acre- age Har- vested	Yield per Acre bu.	Pro- duction bu.	Price per bu. dollars	Total Value dollars
1929	735,000	5.8	4,269,000	2.31	9,861,000
1928	699,000	5.3	3,724,000	1.63	6,070,000
1927	983,000	6.2	6,100,000	1.80	10,980,000
1926	729,000	6.2	4,506,000	2.14	9,643,000
1925	550,000	6.0	3,296,000	2.82	9,295,000
1924	720,000	5.8	4,171,000	2.36	9,844,000



Cowpeas are losing in favor, but to the growing popularity of Soybeans and to other hay crops. In addition to the seed being expensive, the yields are light and the hay somewhat difficult to harvest. Cowpeas planted with corn.

SOY BEANS

North Carolina had a monopoly on the soy bean production a few years ago. The interest has shifted now, however, until Illinois outranks us in both beans and hay production. Several States are producing far more soy beans for hay than is North Carolina. Most of the States formerly bought their seeds from North Carolina, thereby providing a good market for large quantities. At the present time, few beans are shipped out of the State for seed and these go primarily to Southern States. The surplus seed are increasingly being used for oil purposes.

The State's Largest Soy Bean Farm

A large acreage of this crop was planted in the bed of the old Mattamuskeet Lake in Hyde County. This lake was drained and the only crop which has been successfully grown since was this last

year's soy bean crop. About twelve combine machines were employed for harvesting it. The production of this farm was variously estimated at from fifty to one hundred thousand bushels. These were all sold for oil manufacture. Hyde County is still the leading producing county in the State. The figures shown on page 28 for Hyde County do not include the Mattamuskeet Lake acreage mentioned, for the reason that it was not reported by the tax lister. With this exception, Pasquotank County would show the largest acreage, with Camden third.

Soy beans are grown primarily for hay outside of the Coastal Belt. There are very few farmers in the central and western counties who attempt to grow this crop for sale, but only for farm consumption. It makes a particularly palatable feed, as most stock prefer it to

other roughages. Many animals will leave corn and oats to eat soy bean hay, particularly when the seed are left in it.

Watch the Exact Wording of Tables

The yield of soy beans, indicated on page 28, is misleading for 1928. That yield refers to the results of the acreage grown for all purposes, rather than that grown for the beans alone. An interesting study, on the tabulation sheet mentioned, is the value per acre estimated for the crop, by counties.

The advantages offered by soy beans as a crop are (1) they have an upright growth; (2) yield from 15 to 20 bushels per acre; (3) may be harvested easily and rapidly by machinery; (4) provide an excellent hay which is more easily harvested and cured than cowpeas and (5) any surplus of grain may be readily sold to oil mills.



North Carolina's supremacy in Soybeans has been lost with the major production now in the middle west. It is still quite attractive for feed purposes.

SOYBEANS FOR BEANS

NORTH CAROLINA

Year	Acre- age Har- vested	Yield per Acre bu.	Pro- duction bu.	Price per bu. dollars	Total Value dollars
1929	162,000	12.0	1,944,000	1.70	3,304,800
1928	120,000	11.5	1,380,000	1.65	2,277,000
1927	94,000	15.0	1,410,000	1.50	2,115,000
1926	106,000	13.0	1,378,000	1.75	2,411,500
1925	93,000	14.5	1,348,000	1.93	2,601,640
1924	80,000	14.5	1,160,000	2.40	2,784,000

UNITED STATES

(1000 bu.)

(\$1000)

Year	Acre- age Har- vested	Yield per Acre bu.	Pro- duction bu.	Price per bu. dollars	Total Value dollars
1929	892,000	12.8	11,432,000	1.87	21,378,000
1928	655,000	13.4	8,819,000	1.80	15,874,000
1927	621,000	12.0	7,459,000	1.80	13,426,000
1926	532,000	11.4	6,063,000	1.97	11,944,000
1925	441,000	11.6	5,131,000	2.11	10,826,000
1924	474,000	10.9	5,190,000	2.17	11,262,000

For related facts see pages 4, 7, 15, 21, 25, 26, 28, 31, 36, 40

NORTH CAROLINA SOYBEANS

DISTRICTS AND COUNTIES	1927		Acres Grown Alone for all Purposes	Acres Grown Alone for Beans	Yield per Acre Bushels			Production Bushels			Price Per Bushel			Value			Value Per Acre		
	Equivalent Solid Acres for Seed																		
	%	Acres			1928	1929	'27	'28	'29	1927	1928	1929	'27	'28	'29	1927	1928	1929	1927
DISTRICT 1																			
Alleghany	15	9	167	521	15	12	14	135	2,004	7,294	1.75	1.60	2.00	236	3,206	14,588	26.22	19.20	28.00
Ashe	25	19	100	52	15	12	15	255	1,200	780	1.75	1.55	2.10	499	1,860	1,638	26.26	18.60	31.50
Avery	15	20	107	45	15	11	14	300	1,177	630	1.75	1.75	1.82	525	2,060	1,147	26.25	19.25	25.49
Caldwell	38	426	1,441	746	17	8	16	7,242	11,528	11,936	1.80	1.50	2.05	13,036	17,292	24,469	30.60	12.00	32.80
Surry	22	454	1,253	251	15	13	14	6,810	16,289	3,514	1.86	2.01	2.15	12,667	32,741	7,555	27.90	26.13	30.10
Watauga	20	12	57		15	11		180	627		1.75	1.75		315	1,097		26.25	19.25	
Wilkes	38	384	1,868	1,115	12	15	17	4,608	28,020	18,955	1.72	1.97	1.95	7,926	55,199	36,962	20.64	29.55	33.15
Yadkin	10	77	988	237	15	15	15	1,155	14,820	3,555	1.50	2.00	2.00	1,733	29,640	7,110		30.00	30.00
Northern Mountain (NW.)	23	1,401	5,981	2,967	15	12	16	20,715	75,665	46,664	1.78	1.89	2.00	36,937	143,095	93,469	26.36	23.92	31.50
DISTRICT 4—Buncombe																			
Burke	12	282	3,098	194	17	12	15	4,794	37,175	2,910	1.75	2.17	2.15	8,390	80,672	6,256	22.51	26.04	32.25
Cherokee	26	218	1,059	438	16	11	15	3,488	11,649	6,570	1.49	1.84	1.63	5,197	21,434	10,709	23.84	20.24	24.45
Clay	7	40	620	252	17	13	13	680	8,060	3,276	1.75	2.08	2.20	1,190	16,765	7,207	29.75	27.04	28.80
Graham	10	20	151	189	16	10	12	320	1,510	2,268	1.79	2.00	2.00	573	3,020	4,536	28.65	20.00	24.00
Haywood	2	1	31	23	15	12	14	15	372	322	1.75	2.00	2.12	26	744	683	26.00	24.00	29.70
Henderson	18	32	657	310	11	11	14	352	7,227	4,340	1.75	2.37	2.20	616	17,128	9,548	19.25	26.07	30.80
Jackson	5	69	1,368	859	15	13	14	1,035	17,784	12,026	1.75	2.15	2.05	1,811	38,236	24,653	26.25	27.95	28.70
McDowell	10	58	802	164	15	12	14	870	9,624	2,296	1.75	2.00	1.87	1,523	19,248	4,294	26.26	24.00	26.18
Macon	30	466	2,187	880	14	12	14	6,524	26,244	12,320	1.42	1.72	1.82	9,264	45,140	22,422	19.88	20.64	25.48
Madison	15	137	977	742	16	10	14	2,192	9,770	10,388	1.73	2.21	2.10	3,792	21,592	21,815	27.68	22.10	29.40
Mitchell	16	85	479	110	15	13	14	1,275	6,227	1,540	1.60	2.00	2.05	2,040	12,454	3,157	24.00	26.00	28.70
Polk	10	10	100	32	18	11	14	180	1,100	448	1.75	2.00	1.84	315	2,200	824	31.50	22.00	25.75
Rutherford	7	11	140	144	15	12	14	165	1,680	2,016	1.75	1.65	2.15	289	2,772	4,334	26.27	19.80	30.10
Swain	5	26	576	408	11	14	16	286	8,064	6,528	1.75	1.50	2.05	501	12,096	13,382	19.27	21.00	32.80
Transylvania	5	2	154	157	15	12	14	30	1,848	2,198	1.75	1.85	2.00	53	3,419	4,396	26.50	22.20	28.00
Yancey	10	22	219	131	15	11	14	330	2,409	1,834	1.75	1.90	2.06	578	4,577	3,778	26.27	20.90	28.84
Western Mountain (W.)	10	15	90	45	15	12	14	225	1,080	630	1.75	2.00	1.87	394	2,160	1,178	26.27	24.00	26.18
DISTRICT 2—Alamance																			
Caswell	12	1,494	12,708	5,078	15	12	14	22,761	151,824	71,910	1.61	2.00	2.05	36,552	303,657	143,172	24.47	23.90	28.19
Durham	2	76	5,033	201	16	13	14	1,216	65,429	2,613	1.75	1.89	2.15	1,238	123,661	5,618	28.00	24.57	27.95
Forsyth	3	22	851	209	16	13	13	352	11,063	2,717	1.57	1.95	2.30	553	21,573	6,249	25.14	25.35	29.90
Franklin	5	69	1,212	354	16	14	13	1,104	16,968	4,602	1.70	1.97	2.00	1,877	33,427	9,204	27.20	27.58	26.00
Granville	8	315	4,448	255	14	10	15	4,410	44,480	3,825	1.75	1.88	2.15	7,718	83,622	8,224	24.50	18.80	32.25
Guilford	11	419	658	307	15	13	14	6,285	8,684	4,298	1.75	1.80	1.85	10,999	15,631	7,951	26.25	23.40	25.90
Orange	3	7	342	75	16	13	14	112	4,446	1,050	1.90	1.95	1.90	213	8,669	1,995	30.43	25.35	26.60
Person	6	274	6,295	443	18	10	14	4,932	62,950	6,202	1.75	1.75	2.20	8,631	110,163	13,644	31.50	17.50	30.80
Rockingham	3	69	3,069	95	16	12	12	1,104	36,828	1,140	1.65	2.13	2.20	1,822	76,314	2,508	26.40	24.87	26.40
Stokes	5		427	186	14	13			5,978	2,418		2.00	2.00		11,956	4,836		28.00	26.00
Vance	7	58	1,292	322	16	10	12	928	12,920	3,864	1.75	1.95	2.25	1,624	25,194	8,694	28.00	19.50	27.00
Warren	20	90	541	127	15	12	13	1,350	6,492	1,651	1.79	1.92	2.33	2,417	12,465	3,847	26.66	23.04	30.29
Northern Piedmont (N.)	9	24	373	107	16	14	13	384	5,222	1,391	1.75	1.85	1.85	672	9,661	2,573	28.00	25.90	24.05
DISTRICT 5—Alexander																			
Catawba	15	68	262	164	18	15	14	1,224	3,930	2,296	2.00	1.85	1.80	2,448	7,271	4,133	36.00	27.75	25.20
Chatham	7	1,491	24,813	2,845	16	13	13	23,401	285,390	38,067	1.76	1.89	2.09	41,102	539,607	79,476	27.57	21.75	27.94
Davidson	26	191	1,115	661	15	12	15	2,865	13,380	9,915	1.55	1.83	1.75	4,441	24,485	17,351	23.25	21.96	26.25
Davie	25	544	2,135	275	18	10	16	9,792	21,350	4,400	1.50	2.00	1.70	14,688	42,700	7,480	27.00	20.00	27.20
Iredell	8	265	3,578	952	18	10	11	4,770	35,780	10,472	1.75	1.96	2.00	8,348	70,129	20,944	31.50	19.60	22.00
Lee	6	181	4,382	366	20	10	14	3,620	43,820	5,124	1.75	2.25	2.00	6,335	98,595	10,248	35.00	22.50	28.00
Lincoln	4	41	1,099	245	19	10	14	779	10,990	3,430	1.40	1.96	2.10	1,091	21,540	7,203	26.61	19.60	29.40
Mecklenburg	16	159	1,213	898	15	10	15	2,385	12,130	13,470	1.69	1.85	1.83	4,031	22,441	24,650	25.35	18.50	27.45
Montgomery	15	38	242	110	12	12	14	456	2,904	1,540	1.70	2.00	2.00	775	5,808	3,080	20.39	24.00	28.00
Rowan	4	189	5,231	421	16	12	13	3,024	62,772	5,473	1.75	2.12	2.05	5,292	133,077	11,220	28.00	25.44	26.65
Wake	19	642	4,420	1,768	18	11	16	11,556	48,620	28,576	1.75	2.03	2.05	20,223	98,699	58,581	31.50	22.33	32.80
Central Piedmont (C.)	15	172	1,399	60															

NORTH CAROLINA IRISH POTATOES

29

DISTRICTS AND COUNTIES	Acreage Planted			Yield per Acre Bushels			Production Estimated Bushels			Price Per Bushel			Total Value of Crop			Value Per Acre		
	1927	1928	1929	'27	'28	'29	1927	1928	1929	\$	\$	\$ c	1927	1928	1929	1927	1928	1929
DISTRICT 1																		
Alleghany	306	473	325	98	113	108	29,988	53,449	35,100	1.50	.67	1.10	44,982	35,811	38,610	147	76	119
Ashe	538	869	666	114	122	125	61,332	106,018	82,000	1.60	.64	1.12	98,131	67,852	91,840	182	78	133
Avery	631	916	973	100	114	109	63,100	104,424	106,057	1.45	.77	1.21	91,495	80,406	128,329	145	87	132
Caldwell	720	945	1,036	88	121	95	63,360	114,345	98,420	1.20	.78	1.18	76,032	89,189	116,136	106	94	112
Surry	551	654	674	73	115	90	40,223	75,210	60,660	1.40	.86	1.20	56,312	64,681	72,792	102	99	108
Watauga	1,510	1,510	2,114	111	120	110	167,610	181,200	232,540	1.50	.66	1.11	251,415	119,592	258,119	167	79	122
Wilkes	1,155	1,656	1,562	84	122	80	97,020	202,032	124,960	1.26	.77	1.15	122,245	155,565	143,704	106	94	92
Yadkin	317	367	420	82	101	79	25,994	37,067	33,180	1.47	.90	1.25	38,211	33,360	41,475	121	91	99
Northern Mountain (NW.)	5,728	7,390	7,770	96	118	99	548,627	873,745	772,917	1.42	.74	1.15	778,823	646,456	891,005	136	87	115
DISTRICT 4—Buncombe	1,293	1,040	1,212	91	95	93	117,663	98,800	112,716	1.48	.81	1.26	174,141	80,028	142,022	135	77	117
Burke	352	749	632	78	102	86	27,456	76,398	54,352	1.17	.96	1.21	32,124	73,342	65,766	91	98	104
Cherokee	1,056	1,172	834	89	85	94	93,984	99,620	78,396	.95	.91	1.15	89,285	90,327	90,155	85	77	108
Clay	202	257	247	87	84	85	17,574	21,588	20,995	.97	.90	1.13	17,047	19,429	23,724	84	76	96
Graham	268	264	299	82	75	95	21,976	19,800	28,405	1.00	1.05	1.32	21,976	20,790	37,495	82	79	125
Haywood	1,319	1,678	1,181	92	106	98	121,348	177,868	115,738	1.20	.87	1.25	145,618	154,745	144,672	110	92	123
Henderson	1,825	2,342	2,068	86	99	102	156,950	208,438	210,936	1.21	.89	1.35	189,910	185,510	284,764	104	79	138
Jackson	942	1,215	1,102	85	103	105	80,070	125,145	115,710	1.05	.87	1.12	84,074	108,876	129,595	89	90	118
McDowell	356	651	501	88	101	95	31,328	65,751	47,595	1.08	.86	1.20	33,834	57,114	95,114	95	87	114
Macon	771	918	874	78	82	95	60,138	75,276	83,030	.96	.88	1.10	57,732	66,243	91,333	75	72	105
Madison	616	586	633	85	93	89	52,360	54,498	56,337	1.06	.85	1.15	55,502	64,788	90,799	79	79	102
Mitchell	621	807	676	99	97	85	61,479	78,279	57,460	1.16	.81	1.13	71,316	63,406	64,930	115	79	96
Polk	345	166	172	80	100	96	27,600	16,600	16,512	1.47	.96	1.36	40,572	15,936	22,456	118	96	131
Rutherford	269	263	419	78	105	110	20,982	27,615	46,090	1.35	1.00	1.38	28,326	27,615	63,604	105	105	152
Swain	513	284	634	81	105	105	41,553	29,820	66,570	1.17	.97	1.25	48,617	28,925	83,212	95	75	131
Transylvania	470	656	421	85	100	100	39,950	65,600	42,100	1.00	.86	1.22	39,950	56,416	51,362	78	86	122
Yancey	781	698	819	85	97	86	66,385	67,706	70,434	1.08	.72	1.15	71,696	48,748	80,999	92	70	99
Western Mountain (W.)	11,999	13,746	12,724	87	95	96	1,038,796	1,308,802	1,223,376	1.16	.87	1.23	1,201,720	1,143,205	1,497,991	100	83	118
DISTRICT 2—Alamance	342	289	387	92	104	108	31,464	30,056	41,796	1.75	1.00	1.40	55,062	30,056	58,514	161	104	151
Caswell	311	473	540	70	103	95	21,770	48,719	51,300	1.58	.90	1.20	34,397	43,847	66,690	111	93	124
Durham	155	158	358	80	94	99	12,400	14,852	35,442	1.50	.98	1.60	18,600	14,555	56,707	120	92	158
Forsyth	504	610	491	90	124	125	45,360	75,640	61,375	1.30	1.09	1.37	58,968	82,448	84,084	117	135	171
Franklin	181	235	236	85	112	108	15,385	26,320	25,488	1.40	.94	1.63	21,539	24,741	41,545	119	105	176
Granville	351	265	265	82	96	100	28,782	25,440	26,500	1.60	1.00	1.56	46,051	25,440	41,340	131	96	156
Guilford	582	649	739	94	114	112	54,708	73,986	82,768	1.42	1.03	1.37	77,685	76,206	113,392	133	117	153
Orange	355	258	232	70	101	102	24,850	26,058	23,664	1.52	1.01	1.37	37,772	26,319	32,420	106	102	140
Person	490	519	573	83	96	90	40,670	49,824	51,570	1.83	1.07	1.50	74,426	53,312	77,355	152	103	135
Rockingham	390	645	601	85	121	109	33,150	78,045	65,509	1.46	.98	1.45	48,399	76,484	94,988	124	119	158
Stokes	349	748	813	69	116	108	24,081	86,768	87,804	1.29	.92	1.38	31,064	79,827	121,170	89	107	149
Vance	110	120	209	80	107	103	8,800	12,840	21,527	1.50	.90	1.80	13,200	11,556	38,749	120	96	185
Warren	354	331	318	75	108	94	26,550	35,748	29,892	1.40	.95	1.30	37,170	33,961	88,860	105	103	122
Northern Piedmont (N.)	4,474	5,300	5,762	82	110	105	367,970	584,296	604,635	1.51	.99	1.43	554,333	578,752	865,814	124	109	150
DISTRICT 5—Alexander	198	278	242	75	116	89	14,850	32,248	21,538	1.18	.92	1.21	17,523	29,668	26,061	89	107	108
Catawba	320	477	370	87	117	100	27,840	55,809	37,000	1.09	.96	1.24	30,346	53,577	45,880	95	112	124
Chatham	225	249	248	87	96	110	19,575	23,904	27,280	1.50	1.03	1.33	29,363	24,621	36,282	131	99	146
Davidson	590	665	460	87	109	115	51,330	72,485	52,900	1.35	1.02	1.28	69,296	73,935	67,712	117	111	147
Davie	171	164	259	88	120	100	15,048	19,680	25,900	1.63	1.08	1.30	24,528	21,254	33,670	143	129	130
Iredell	372	456	524	81	124	95	30,132	56,544	49,780	1.24	.94	1.22	37,364	53,151	60,732	100	117	116
Lee	109	112	144	96	121	113	10,464	13,552	16,272	1.63	1.02	1.27	17,056	13,823	20,665	156	123	144
Randolph	553	552	666	91	108	119	50,823	59,616	79,254	1.45	1.00	1.24	72,968	59,616	98,275	132	108	148
Rowan	432	382	500	79	113	119	34,128	39,346	56,000	1.35	.94	1.44	46,073	36,985	80,640	107	97	161
Wake	249	285	370	86	98	98	21,414	27,930	36,260	1.45	1.00	1.43	31,050	27,930	51,852	125	98	140
Central Piedmont (C.)	3,219	3,620	3,783	85	111	106	275,104	401,114	402,184	1.37	.98	1.30	375,567	394,560	521,769	117	112	138
DISTRICT 8—Anson	230	279	426	90	105	98	20,700	29,295	41,748	1.50	1.05	1.31	31,050	30,760	54,690	135	110	128
Cabarrus	179	289	207	77	105	105	13,783	30,345	21,735	1.46	.90	1.26	20,123	27,311	27,386	113	95	132
Cleveland	235	195	227	84	112	90	19,740	21,840	20,430	1.40	1.01	1.38	27,636	22,058	38,193	118	113	124
Gaston	341	338	274	82	116	99	27,962	39,208	27,126	1.33	.98	1.42	37,189	38,424	38,519	109	114	141
Lincoln	331	207	282	83	116	80	27,473	24,012	22,560	1.60	1.07	1.36	43,957	25,693	30,682	133	124	109
Mecklenburg	342	346	282	78	116	102	26,676	40,136	28,764	1.51	1.05	1.44	40,281	42,143	41,420	118	122	147
Montgomery	177	202	175	78	117	110	13,806	23,634	19,250	1.38	.99	1.18	19,052	23,398	22,715	108	116	130
Moore	194	247	231	95	120	104	18,430	29,640	24,024	1.50	1.05	1.30	27,645	31,122	31,231	143	126	135
Richmond	352	444	384	85	120	100	29,920	53,280	38,400	1.73	.90	1.18	51,762	47,952	45,312	147	108	118
Stanly	185	256	332	82	113	100	15,170	28,928	33,200	1.39	.91	1.25	21,036	26,324	41,500	114	103	125
Union	395	386	566	86	105	104	33,970	40,630	58,864	1.30	1.04	1.35	44,161	42,151				

IRISH POTATOES

The location of the commercial potato areas, which is largely a matter of soil and climate adaptability, is confined to definite limited areas. The 1929 season showed Beaufort-Pamlico; Pasquotank-Camden and Wayne-Duplin as the leading producing centers. All of the commercial sections showed a great acreage reduction from the 1928 acreage, and the commercial crop harvested was about 48 percent less than the big crop of 1928. The total agricultural crop produced was about eight million bushels, which was about 23 percent less than in 1928. Prices averaged higher than for several past seasons. The commercial acreage now averages about 37 percent of the State's total Irish potato area.

"Reports from potato growers through-

out the United States seem to indicate that in nearly all States a larger acreage will be planted in 1930 than in 1929. Early in the season this increase seemed justifiable in view of the prospects of smaller stocks of old potatoes on hand, higher price levels for potatoes and the probability of lower yields in 1930 than in the previous three seasons, during which years weather conditions were unusually favorable and yields were above average. Recent reports show further increases over intentions to plant. At present, the reduced buying power of consumers (compared with the high level in 1929) appears to have prevented the expected seasonal price advance and something less than the intended acreage might be desirable in the Southern States," according to the Federal "Outlook Report" of February, 1930.

Doubtless the above report was largely responsible for holding down the acreage of early Irish potatoes planted this spring. Certainly, North Carolina's commercial acreage has been increased little, if any, over last year. At last, an effective organization has been developed, looking to the control of the acreage planted.

The table on page 29 gives detailed county and district information for the agricultural crop of the State, including the Coastal commercial acreage. The Irish potato price trends since 1922, shown on pages 36 and 37, show the highest prices during the spring and summer of 1926; the lowest were received by growers in 1928 and 1929. The 1929 prices, however, improved considerably with the harvest of the early commercial crop.

IRISH POTATOES (ALL) NORTH CAROLINA

Year	Acre- age	Yield per Acre bu.	Pro- duction bu.	Price per bu. dollars	Total Value dollars
1929	74,000	110	8,140,000	1.20	9,768,000
1928	95,000	111	10,545,000	.65	6,854,250
1927	72,000	102	7,368,000	1.50	11,052,000
1926	67,000	94	6,325,000	1.60	10,120,000
1925	58,000	78	4,524,000	1.80	8,143,000
1924	59,000	105	6,195,000	1.12	6,938,400
1923	46,000	86	3,956,000	1.20	4,747,000
1922	50,000	94	4,700,000	1.01	4,747,000
1921	46,000	87	4,048,000	1.43	5,789,000
1920	46,000	81	3,716,000	1.43	5,344,000

UNITED STATES

	(1000 bu.)	cents	(\$1000)
1929	3,370,000	106.1	357,451
1928	3,837,000	121.3	465,350
1927	3,476,000	115.9	402,741
1926	3,120,000	113.6	354,458
1925	3,074,000	104.4	320,915
1924	3,310,000	126.8	419,560
1923	3,816,000	109.0	416,105
1922	4,307,000	105.3	453,396
1921	3,941,000	91.8	361,659
1920	3,657,000	110.3	403,296



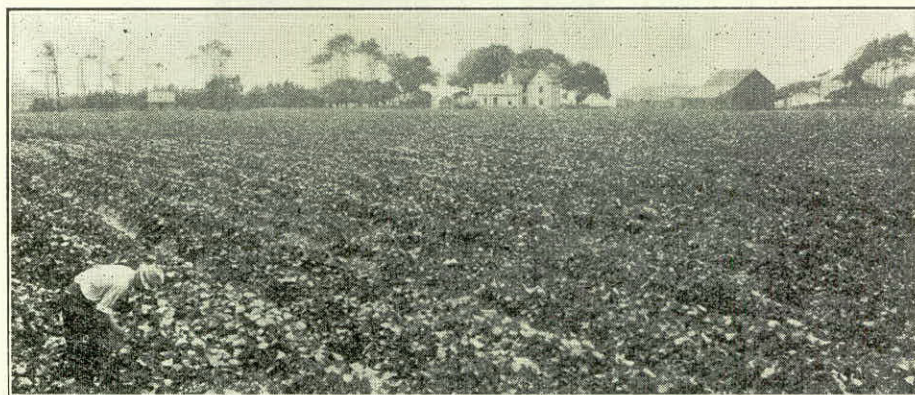
This shows a large commercial Irish Potato field on the border of Wayne and Duplin Counties near Mt. Olive. The barrels are filled and ready to be hauled out for shipment.

SWEET POTATOES NORTH CAROLINA

Year	Acre- age	Yield per Acre bu.	Pro- duction bu.	Price per bu. dollars	Total Value dollars
1929	78,000	117	9,126,000	.90	8,213,400
1928	80,000	98	7,840,000	.85	6,664,000
1927	89,000	114	10,146,000	.80	8,116,800
1926	84,000	90	7,560,000	1.00	7,560,000
1925	80,000	88	7,040,000	1.20	8,448,000
1924	80,000	92	7,360,000	1.04	7,654,000
1923	100,000	105	10,500,000	.98	10,290,000
1922	110,000	113	12,430,000	.80	9,944,000
1921	102,000	101	10,302,000	.97	9,993,000
1920	99,000	104	10,296,000	1.14	11,737,000

UNITED STATES

	(1000 bu.)	cents	(\$1000)
1929	822,000	103.0	84,661
1928	810,000	95.9	77,661
1927	933,000	100.9	94,112
1926	819,000	101.0	82,703
1925	779,000	80.0	62,319
1924	688,000	78.4	53,912
1923	993,000	97.9	97,177
1922	1,117,000	97.9	109,394
1921	1,066,000	92.5	98,654
1920	992,000	104.8	103,925



While North Carolina ranks at the top in sweet potato production, only a small proportion is shipped. This scene is in Carteret County which has large commercial acreage of this and other truck crops.

SWEET POTATOES

The most notable fact concerning the 1929 sweet potato season in North Carolina was that the yield per acre was the largest on record for this State. While the acreage was about 3 percent less than in 1928, the crop of nine million bushels produced was over 16 percent more. The 110,000 acres in 1922 was the largest ever planted in the State and since that year a decline in acreage has resulted with increases in or shifts to other crops.

In the South as a whole, some small increase in the acreage of sweet potatoes for local consumption is to be expected this year, but no serious over-planting is anticipated. Some sections west of the Mississippi River, where drought in 1929

reduced the production of both cotton and sweet potatoes and resulted in locally high prices for sweet potatoes and other food crops, may plant more.

Prices for sweets last year in North Carolina were up to an average and some increase in acreage is expected throughout the State. The problem of storage and "keeping" is easily solved, but many farmers still prefer the "hilled" style for eating purposes. Stored potatoes kept fairly well this last season.

There is no general distribution of the sweet potato producing area in North Carolina. The commercial producing counties are Currituck, Pamlico, Beaufort and Johnston. On page 23 will be found the distribution of this crop for the State.

Price trends for this crop for the past eight years shows the peak beginning in September 1925 and extending through February of 1926. The low point was reached in 1923. However, 1928 was also relatively low. A study of this data is available on pages 36 and 37.

The North Carolina and Federal tables herewith offer some yearly and proportional studies. In food value the sweet potato is regarded as being better than Irish potatoes. They are easier to keep and usually make a larger yield per acre. However, the general agricultural production is so much more than for Irish potatoes that prices seldom get above \$1.25 per bushel. There is little demand for Southern potatoes on Northern markets.

NORTH CAROLINA SWEET POTATOES

31

DISTRICTS AND COUNTIES	Acreage Planted			Yield Per Acre			Production Estimated			Price Per Bushel			Total Value of Crop			Value Per Acre		
	1927	1928	1929	'27	'28	'29	1927	1928	1929	'27	'28	'29	1927	1928	1929	1927	1928	1929
										\$ c s	\$ c s	\$ c	\$	\$	\$	\$	\$	\$
DISTRICT 1																		
Alleghany	21	8	13	86	96	94	1,806	768	1,222	1.17	1.11	1.02	2,095	852	1,246	100	107	96
Ashe	32	31	24	80	93	101	2,560	2,883	2,424	1.15	1.08	1.14	2,944	3,114	2,763	92	100	115
Avery	4	31	4	100	96	89	400	2,976	356	1.12	1.10	1.08	448	3,274	2,763	112	106	96
Caldwell	714	616	655	105	108	119	74,970	66,528	77,945	1.04	.83	.87	77,969	55,218	67,812	109	90	104
Surry	469	512	504	89	76	92	41,741	38,912	46,644	.98	.80	.99	40,906	31,130	46,178	87	61	91
Watauga	16	16	71	12	90	98	1,328	1,440	6,958	1.00	.92	1.00	1,328	1,325	6,958	83	83	98
Wilkes	727	963	846	85	89	89	61,795	85,707	75,294	.93	.83	.91	57,469	71,137	68,518	79	74	81
Yadkin	312	312	302	99	80	98	30,888	24,960	29,596	.95	.88	1.00	29,344	21,965	29,596	94	70	98
Northern Mountain (NW.)	2,295	2,489	2,422	4	91	99	215,488	224,174	240,439	.99	.94	.93	212,503	188,015	223,455	93	76	92
DISTRICT 4—Buncombe	288	166	216	80	111	97	23,040	16,766	20,592	1.05	.97	.95	24,192	16,263	19,562	84	98	91
Burke	531	698	645	80	111	98	42,480	77,478	63,210	.83	.84	.90	35,258	65,082	56,889	66	93	88
Cherokee	517	542	459	80	60	101	41,360	32,520	46,359	1.00	1.04	1.20	41,360	33,821	55,631	80	62	121
Clay	120	173	165	88	62	92	10,560	10,726	15,180	1.07	1.08	1.10	11,299	11,584	16,698	94	67	101
Graham	85	167	119	80	70	80	6,800	11,690	9,520	1.13	1.17	1.16	7,684	13,677	11,043	90	82	93
Haywood	184	79	89	100	102	101	18,400	8,058	8,989	1.19	1.11	1.08	21,896	8,944	9,708	119	113	109
Henderson	211	259	348	82	92	106	17,302	23,828	36,888	1.07	1.08	1.00	18,513	25,734	36,888	88	99	106
Jackson	276	427	353	81	91	96	22,356	38,857	33,888	1.12	.87	1.10	25,039	33,806	37,277	91	79	106
McDowell	299	512	374	95	95	109	28,405	48,640	40,766	.87	.81	.87	24,712	39,398	35,466	83	77	95
Macon	182	220	235	98	90	87	17,336	19,800	20,445	1.07	.94	.95	19,084	18,612	19,423	105	85	83
Madison	220	139	158	77	94	92	16,940	13,066	14,536	1.04	1.05	1.10	17,618	13,719	15,990	80	99	101
Mitchell	76	79	59	97	100	88	7,372	7,900	5,192	1.17	1.05	1.00	8,625	82,509	5,192	113	105	88
Polk	630	562	714	76	100	98	47,880	56,200	69,972	1.05	.97	.92	50,274	54,514	64,374	80	97	90
Rutherford	1,224	1,331	1,652	89	109	97	108,936	145,079	160,244	.84	.92	.92	91,506	133,473	147,424	75	100	89
Swain	229	117	245	77	92	94	17,633	10,764	23,030	1.18	1.15	1.25	20,807	12,379	28,788	91	106	118
Transylvania	94	34	66	75	91	100	7,050	3,094	6,600	1.19	1.10	1.17	8,390	3,403	7,722	89	100	117
Yancey	66	47	176	80	90	91	5,280	4,230	16,016	1.13	.96	1.07	5,966	4,061	17,137	90	86	97
Western Mountain (W.)	5,232	5,552	6,073	84	91	97	439,630	528,696	591,427	.98	1.01	.99	432,223	571,420	585,212	83	103	96
DISTRICT 2—Alamance	567	396	473	109	92	107	61,803	36,432	50,611	1.00	1.00	1.00	61,803	36,432	50,611	109	92	107
Caswell	391	793	590	90	90	106	35,190	71,370	62,540	.97	1.13	.90	34,134	80,648	56,286	87	102	95
Durham	605	593	685	107	80	101	64,735	47,440	69,185	.90	1.06	.95	58,262	50,286	65,726	96	85	96
Forsyth	526	562	33	104	105	108	54,704	59,010	46,764	.85	.94	.96	46,498	55,469	44,893	88	99	104
Franklin	1,012	886	816	109	98	117	110,308	86,828	95,472	.75	1.00	.87	82,731	86,828	83,061	82	98	102
Granville	628	544	544	84	100	108	52,752	54,400	58,752	1.00	1.08	.80	52,752	58,752	47,002	84	108	86
Guilford	1,036	1,083	1,112	100	91	99	103,600	98,553	110,088	.93	1.01	.98	96,348	99,539	107,886	93	92	97
Orange	399	306	236	95	85	96	37,905	26,010	27,466	.84	1.03	1.03	31,840	26,790	28,280	80	88	99
Person	598	585	560	80	88	103	47,840	51,480	57,680	1.00	1.08	.92	47,840	55,598	53,066	80	95	95
Rockingham	834	828	744	99	95	114	82,566	78,660	84,816	1.01	.96	1.00	83,392	75,514	84,816	100	91	114
Stokes	379	672	731	89	91	97	33,731	61,152	70,907	1.02	.91	.95	34,406	55,648	67,362	91	83	92
Vance	372	392	370	106	99	104	39,432	38,508	38,480	1.00	1.04	.95	39,432	40,360	36,556	106	103	99
Warren	751	744	657	100	100	114	75,100	74,400	74,898	.90	1.10	1.00	67,590	81,840	74,898	90	110	114
Northern Piedmont (N.)	8,098	8,384	8,001	99	93	106	799,666	784,543	847,649	.92	1.03	.94	737,028	803,704	800,443	91	96	100
DISTRICT 5—Alexander	330	350	250	98	83	104	32,340	29,050	26,000	.87	1.02	1.05	28,136	23,821	27,300	85	68	109
Catawba	1,886	1,426	1,148	125	94	112	173,250	134,044	128,576	.74	.84	1.05	128,205	112,597	135,005	93	79	118
Chatham	607	664	598	120	98	119	72,840	65,072	71,162	.79	.95	1.00	57,544	61,818	71,162	95	93	119
Davidson	1,466	1,465	1,260	114	101	124	167,124	147,965	156,240	.90	.92	.88	150,412	136,128	137,491	103	93	109
Davie	243	242	278	122	109	117	29,640	26,378	32,526	.88	1.00	.75	26,088	26,378	24,395	107	109	88
Iredell	472	509	491	90	96	113	42,480	48,864	55,483	.78	.93	1.03	33,134	45,444	57,147	70	89	116
Lee	305	364	368	126	81	102	38,430	29,484	37,536	.91	1.04	.83	34,971	30,663	31,155	115	84	85
Randolph	636	539	630	125	90	112	79,500	48,510	70,560	.88	.94	.96	69,960	45,599	67,738	110	85	108
Rowan	509	492	571	107	120	121	54,463	59,040	69,091	.89	.90	.97	48,472	53,136	67,018	95	108	117
Wake	2,032	1,810	2,114	103	79	122	209,290	142,990	257,900	.63	1.02	.94	131,856	145,850	242,434	65	81	115
Central Piedmont (C.)	7,986	7,861	7,708	113	95	117	899,357	731,397	905,082	.79	.94	.95	708,778	681,434	860,845	89	87	112
DISTRICT 8—Anson	606	695	914	113	97	102	68,478	67,415	93,228	.68	.94	.83	46,565	63,370	77,379	77	91	85
Cabarrus	255	249	218	103	90	94	27,540	32,410	20,492	.88	.98	.90	24,235	21,962	18,443	95	88	85
Cleveland	1,004	1,014	817	100	112	102	100,400	113,568	83,334	.94	.98	1.00	94,376	11,297	83,334	94	110	102
Gaston	1,112	820	1,027	107	99	99	118,984	81,180	101,673	.82	.86	.92	97,567	69,815	93,539	88	85	91
Lincoln	615	479	415	111	90	97	68,265	43,110	44,405	.96	.81	1.00	65,534	34,919	44,405	107	73	107
Mecklenburg	959	799	518	112	95	96	107,408	75,905	49,728	.90	1.00	.96	96,667	75,905	47,739	101	95	92
Montgomery	272	289	201	120	98	104	32,640	28,322	20,904	.89	1.00	.93	29,085	28,322	19,441	107	98	97
Moore	493	482	464	128	98	109	63,104	47,236	50,576	.94	1.02	.96	59,318	48,181	48,553	120	100	105
Richmond	787	1,067	530	100	103	104	78,700	109,901	55,129	.93	.92	.88	73,191	101,109	48,506	93	95	92
Stanly	322	399	385	118	108	111	37,996	43,092	42,735	.78	.82	.92	29,637	35,335	39,316	82	89	102
Union	734	631	999	115	103	103	84,410	64,993	102,897	.75	.89	.95	63,308	57,844	97,752	86	92	98
Southern Piedmont (S.)	7,159	6,924	6,488	110	99	103	787,925	697,132	665,092	.86	.93	.93	679,483	648,059	618,407	95	94	

HAY CROPS 1929

DISTRICTS AND COUNTIES	Soybeans				Cowpeas				Small Grains Cut Green				All Clover			
	Acreage	Yield lbs.	Production tons	Value	Acreage	Yield lbs.	Production tons	Value	Acreage	Yield lbs.	Production tons	Value	Acreage	Yield lbs.	Production tons	Value
DISTRICT 1				\$				\$				\$				\$
Alleghany	60	2,400	72	1,800	20	1,900	19	428	24	1,900	23	518	1,755	2,167	1,902	34,065
Ashe	13	2,400	16	400	42	2,000	42	945	90	1,850	83	1,868	127	2,400	152	2,722
Avery	56	2,200	62	1,550	13	1,900	12	270	143	1,800	129	2,903	658	1,950	642	11,498
Caldwell	1,455	2,150	1,564	39,100	669	1,833	613	13,793	395	1,950	385	8,663	287	2,000	287	5,140
Surry	1,056	2,100	1,109	27,725	232	1,950	226	5,085	143	1,800	129	2,903	1,177	2,400	1,412	25,289
Watauga	3	2,350	4	100	92	2,050	94	2,115	3	2,000	3	68	36	2,250	41	734
Wilkes	1,304	2,267	1,478	36,950	605	1,900	575	12,938	132	2,000	132	2,970	1,225	2,250	1,378	31,128
Yadkin	1,784	2,200	1,962	49,050	430	1,850	398	8,955	181	2,000	181	4,073	2,473	2,333	2,885	51,670
Northern Mountain (NW.)	5,731	2,187	6,267	156,675	2,103	1,883	1,979	44,529	968	1,934	936	21,063	7,738	2,248	8,699	162,246
DISTRICT 2—Buncombe	1,365	2,750	1,877	46,437	255	1,850	236	5,015	544	2,167	589	12,958	1,025	2,467	1,264	24,547
Burke	1,480	2,350	1,739	43,023	817	1,850	756	16,065	501	2,000	501	11,022	948	1,950	924	17,944
Cherokee	390	2,400	468	11,578	125	2,000	125	2,656	701	1,800	65	1,430	32	2,100	34	660
Clay	90	2,700	122	3,018	37	1,800	33	701	26	1,750	23	506	68	2,200	75	1,457
Graham	732	2,500	915	22,637	15	1,886	14	298	17	1,750	15	330	43	2,148	46	893
Haywood	1,639	2,400	1,967	48,664	173	1,800	156	3,315	310	1,875	290	6,380	884	2,500	1,105	19,517
Henderson	698	2,600	907	22,439	453	1,900	430	9,138	225	1,850	208	4,576	1,110	2,000	1,110	21,556
Jackson	1,525	2,400	1,830	45,274	73	1,850	68	1,445	182	1,850	168	3,696	768	2,100	806	15,653
McDowell	786	2,750	1,081	26,744	34	1,800	30	638	97	1,800	87	1,914	145	1,900	138	2,680
Macon	296	2,400	355	8,783	142	1,900	135	2,869	130	1,900	124	2,728	301	2,125	320	6,214
Madison	296	2,400	355	8,783	46	2,000	46	978	172	2,000	172	3,784	1,236	2,250	1,391	27,013
Mitchell	100	2,250	113	2,796	18	2,000	18	383	54	1,900	51	1,122	265	2,150	285	5,535
Polk	290	2,350	341	8,436	379	1,850	351	7,459	75	1,850	69	1,518	169	2,100	177	3,437
Rutherford	394	2,300	453	11,207	704	1,900	669	14,216	225	1,800	203	4,466	135	2,150	145	2,816
Swain	224	2,500	280	6,927	23	1,900	2,185	46,431	72	1,800	65	1,430	363	2,000	363	7,049
Transylvania	166	2,500	208	5,146	55	1,900	52	1,105	14	1,900	13	286	283	2,150	304	5,904
Yancey	97	2,300	112	2,771	55	1,900	52	1,105	26	2,000	26	572	1,014	2,233	1,132	21,983
Western Mountain (W)	10,272	2,486	12,768	315,880	3,349	3,167	5,304	112,712	2,742	1,948	2,669	58,718	8,789	2,189	9,619	184,858
DISTRICT 2—Alamance	6,079	2,300	6,991	152,646	343	1,900	326	7,403	797	1,900	757	14,080	1,966	2,000	1,966	40,774
Caswell	619	2,100	650	13,254	459	1,900	436	9,902	467	1,900	444	8,258	680	1,250	425	8,819
Durham	2,210	2,350	2,597	52,953	956	1,800	860	19,531	733	1,900	696	12,946	1,185	1,950	1,155	23,966
Forsyth	3,181	2,275	2,666	73,771	250	2,000	250	5,678	453	2,100	476	8,854	6,154	2,450	7,539	158,434
Franklin	236	2,250	288	5,424	164	1,800	148	3,361	479	2,000	479	8,909	209	1,950	204	4,233
Granville	240	2,400	288	5,872	184	2,000	184	4,179	126	1,800	113	2,102	287	1,900	273	5,665
Guilford	7,344	2,250	8,262	168,462	826	2,050	847	19,235	1,117	2,050	1,145	21,297	4,115	2,300	4,732	98,189
Orange	3,336	2,250	3,753	76,524	246	1,800	221	5,079	179	1,880	168	3,125	1,423	2,000	1,423	29,527
Person	238	2,200	262	5,342	368	1,950	359	8,153	132	1,850	122	2,269	1,870	2,000	1,870	38,803
Rockingham	1,258	2,150	1,352	27,567	719	2,000	719	16,328	473	1,950	461	8,575	1,591	2,100	1,671	34,673
Stokes	873	2,250	982	20,023	104	1,900	99	2,243	138	2,000	138	2,567	1,799	2,200	1,979	41,054
Vance	282	2,350	331	6,749	96	1,950	94	2,135	387	1,900	368	6,845	447	2,000	447	9,275
Warren	410	2,300	472	9,624	518	1,900	492	11,173	282	1,980	279	5,189	1,657	1,900	1,574	32,661
Northern Piedmont (N.)	26,306	2,267	29,824	608,111	5,233	1,924	5,035	114,345	5,763	1,816	5,646	105,016	23,383	2,160	25,258	524,083
DISTRICT 5—Alexander	798	2,200	878	17,902	386	1,600	309	9,116	84	2,000	84	1,533	977	2,236	1,092	20,988
Catawba	1,573	2,400	1,888	38,496	924	1,850	855	25,223	1,196	2,250	1,346	24,565	4,366	2,150	4,693	90,199
Chatham	3,191	2,400	3,829	78,073	226	1,800	203	5,989	190	2,167	206	3,760	1,438	2,200	1,582	30,406
Davidson	3,221	2,300	3,704	75,525	763	1,800	687	20,267	413	2,120	438	7,994	4,674	2,400	5,609	107,805
Davie	1,492	2,250	1,679	34,235	77	1,900	73	2,154	232	2,000	232	4,234	2,356	2,300	2,709	52,067
Iredell	1,536	2,300	1,766	38,499	516	1,900	490	14,455	926	2,200	1,019	18,597	5,404	2,250	6,080	116,858
Lee	289	2,550	368	7,504	710	1,800	639	18,851	9	2,200	10	183	26	2,100	28	538
Randolph	6,867	2,350	8,069	164,527	271	1,750	237	6,992	543	2,075	563	10,275	5,332	2,100	5,599	107,613
Rodolph	3,777	2,275	4,296	87,595	1,002	1,850	927	27,347	2,437	2,300	2,803	51,155	9,528	2,625	12,505	240,346
Rowan	1,551	2,250	1,745	35,581	622	1,750	544	16,048	813	2,000	813	14,837	197	2,000	20	384
Wake	24,295	2,323	28,222	577,937	5,497	1,806	4,964	146,442	6,843	2,196	7,514	137,133	34,298	2,338	39,917	767,204
Central Piedmont (C.)	797	2,400	956	19,120	650	1,800	585	11,700	643	1,900	611	11,731	1,082	2,250	1,217	24,437
DISTRICT 8—Anson	1,872	2,250	2,106	42,120	295	1,850	273	5,460	1,116	2,000	1,116	21,427	2,129	2,450	2,608	52,369
Cabarrus	479	2,800	671	13,420	209	1,900	199	3,980	792	2,100	832	15,974	58	2,300	667	13,393
Cleveland	927	2,700	1,251	25,020	719	1,800	647	12,940	2,279	2,000	2,279	43,757	1,392	2,100	1,462	29,357
Gaston	897	2,500	1,121	22,420	509	1,800	458	9,160	664	2,100	697	13,382	2,124	2,268	2,409	48,373
Lincoln	1,832	2,600	2,382	47,640	433	1,825	441	8,820	2,618	1,950	2,653	49,018	690	2,500	8,625	173,190
Mecklenburg	390	2,200	429	8,580	152	1,700	129	2,580	322	1,900	306	5,875	581	2,100	610	12,249
Montgomery	760	2,400	912	18,240	419	1,750	367	7,340	492	2,000	492	9,446	150	2,000	150	3,012
Moore	535	2,250	602	12,040	531	1,900	504	10,050	38	1,875	36	691	51	2,050	52	1,044
Richmond	157	2,150	169	3,380	98	1,950	96	1,920	521	2,100	547	10,502	5,658	2,420	6,846	137,468
Stanly	78	2,500	98	1,960	51	1,750	45	900	2,281	2,000	2,281	43,795	4,832	2,300	5,557	111,585
Union	8,724	2,452	10,697	213,940	4,116	1,819	3,744	74,880	11,766	1,997	11,750	225,598	18,747	2,330	30,203	606,477
Southern Piedmont (S.)	956	2,300	1,099	20,463	1	1,650	1	23	521	1,900	495	9,405	6	2,000	6	135
DISTRICT 3—Bertie	1,241	2,550	1,582	29,457	14	1,800	13	294	73	2,000	73	1,387	23	1,900	22	495
Camden	20	2,350	24	447	61	2,100	64	1,446	4	2,100	4	76	7	2,000	7	160
Chowan	1,337	2,600	1,738	32,362	132	1,850	122	2,757	425	2,300	489	9,291	631	2,000	631	14,198
Currituck	666	2,450	816	15,194	22	1,750	19	4								

HAY CROPS 1929

Peanut				Meadow				Other Grasses and Mixed Hays				Total Hays			DISTRICTS AND COUNTIES
Acreage	Production tons	Value		Acreage	Yield lbs.	Production tons	Value	Acreage	Yield lbs.	Production tons	Value	Acreage	Production tons	Value	
		\$				\$				\$					
25	16	253		8,561	2,150	9,203	135,008	3,156	2,000	3,156	42,606	13,577	14,368	214,160	DISTRICT 1
8	5	79		9,127	2,200	10,040	147,287	5,866	2,160	6,335	85,523	15,207	16,613	237,474	Alleghany
5	3	47		6,505	1,986	6,459	94,754	2,616	2,000	1,616	21,816	9,943	8,877	131,803	Ashe
84	55	869		1,565	1,800	1,409	20,670	798	2,125	848	11,448	5,253	5,161	99,683	Avery
38	25	395		1,195	1,850	1,105	16,210	1,394	2,100	1,464	19,764	5,235	5,470	97,371	Caldwell
8	5	79		5,469	2,100	5,742	84,235	4,169	2,250	4,690	63,315	9,780	10,579	150,646	Curry
29	19	309		752	1,900	714	10,474	1,696	2,040	1,230	16,605	5,743	5,526	111,365	Watauga
83	54	853		1,064	1,900	1,011	14,831	388	2,050	398	5,373	6,403	6,889	134,805	Wilkes
280	182	2,875		34,238	2,084	35,683	523,469	20,083	2,015	19,737	266,450	71,141	73,483	1,177,307	Yadkin
23	15	237		3,093	1,900	2,943	64,010	3,546	2,333	4,136	63,612	9,851	11,060	216,816	Northern Mountain (NW)
110	72	1,138		784	2,000	764	16,617	623	1,900	592	9,105	5,243	5,348	114,914	Buncombe—DISTRICT 4
4	3	47		2,308	2,000	2,308	50,199	1,593	2,000	1,593	24,500	4,524	4,596	91,070	Burke
24	16	253		832	2,000	832	18,096	653	1,900	620	9,536	1,730	1,721	33,567	Cherokee
				686	1,938	665	14,464	627	2,052	643	9,889	1,388	1,383	25,874	Clay
19	12	190		1,616	1,950	1,576	34,278	3,029	2,100	3,180	48,908	6,763	7,234	135,225	Graham
33	21	332		1,226	2,000	1,226	26,666	1,492	2,000	1,492	22,947	6,178	6,454	133,879	Haywood
9	6	95		1,058	2,000	1,058	23,012	3,185	2,200	3,504	53,892	5,973	6,517	120,232	Henderson
15	10	158		141	1,800	127	2,762	288	2,000	288	4,429	2,245	2,510	57,855	Jackson
2	1	16		1,643	2,050	1,684	36,627	2,011	1,950	1,961	30,452	5,015	5,306	105,650	McDowell
6	4	63		4,451	1,850	4,117	89,545	4,950	2,133	5,279	81,191	11,157	11,364	211,357	Macon
5	3	47		5,747	2,000	5,747	124,997	927	2,350	1,089	16,749	7,116	7,306	151,629	Madison
8	5	79		67	1,800	60	1,305	235	1,860	219	3,368	1,223	1,222	25,602	Mitchell
68	44	695		76	1,850	70	1,523	684	1,900	650	9,997	2,286	2,234	44,920	Polk
				538	1,960	527	11,462	862	2,000	862	13,258	2,082	4,282	86,557	Rutherford
				483	1,950	471	10,244	646	2,100	678	10,428	1,592	1,674	32,008	Swain
15	10	158		6,404	1,900	6,084	132,327	2,576	2,100	2,705	41,603	10,187	10,121	200,519	Transylvania
341	222	3,508		31,133	1,944	30,259	658,134	27,927	2,112	29,491	453,864	84,553	90,332	1,787,674	Yancey
48	31	490		1,944	1,850	1,798	23,626	933	1,900	910	14,751	12,110	12,779	243,670	Western Mountain (W.)
32	21	332		124	1,900	118	1,551	971	1,850	251	4,069	2,652	2,345	46,185	Alamance—DISTRICT 2
39	25	395		516	1,850	477	6,268	760	2,400	912	14,784	6,399	6,722	130,873	Caswell
5	3	47		2,477	2,000	2,477	32,548	875	2,000	875	14,184	13,395	15,238	291,516	Durham
9	6	95		12	2,000	12	158	257	2,150	276	4,474	1,366	1,391	26,654	Forsyth
16	10	158		12	1,850	11	155	389	1,900	369	5,981	1,254	1,248	24,102	Franklin
52	34	537		3,794	1,900	3,604	47,357	1,375	1,900	1,306	21,170	18,623	19,930	376,247	Granville
9	6	95		900	1,800	810	10,613	310	1,850	287	4,652	6,403	6,668	129,585	Guilford
2	1	16		173	2,000	173	2,273	247	1,899	233	3,777	3,030	3,020	60,633	Orange
46	30	474		236	2,000	236	3,101	1,271	1,920	1,220	19,776	5,594	5,659	110,494	Person
27	18	284		1,619	1,900	1,538	20,209	558	2,050	572	9,272	5,118	5,689	95,667	Rockingham
				14	1,900	13	171	290	1,930	230	4,539	1,516	1,533	29,714	Stokes
228	148	2,338		195	1,850	180	2,365	463	1,960	454	7,539	3,753	3,599	70,709	Vance
513	333	5,261		12,016	1,906	11,447	150,415	7,999	1,987	7,945	128,788	81,213	85,488	1,636,019	Warren
66	43	714		112	1,750	98	1,562	92	2,000	92	1,523	2,515	2,596	53,338	Northern Piedmont (N.)
251	163	2,706		464	1,900	440	7,014	879	2,006	879	14,947	9,653	10,264	202,750	Alexander—DISTRICT 5
113	73	1,212		631	1,900	599	9,548	346	2,250	389	6,438	6,135	6,881	135,426	Catawba
45	29	481		5,116	1,900	4,860	77,468	1,108	2,000	1,108	18,337	15,340	16,435	307,877	Chatham
116	75	1,245		2,268	1,900	2,154	34,335	480	2,036	489	8,093	7,021	7,411	136,363	Davidson
151	98	1,627		2,395	2,000	2,395	38,176	699	2,100	734	12,148	11,627	12,582	240,360	Davie
48	31	515		24	1,800	22	351	46	2,000	46	761	1,152	1,144	28,703	Iredell
67	44	730		1,544	1,850	1,428	22,762	958	1,920	920	15,226	15,582	16,860	328,125	Lee
185	120	1,992		4,565	1,800	4,223	67,375	1,178	1,950	1,149	19,106	22,672	26,023	494,856	Randolph
119	77	1,278		14	2,000	14	223	799	2,100	839	13,885	4,115	4,052	82,236	Rowan
1,161	753	12,500		17,133	1,895	16,233	258,754	6,585	2,018	6,645	110,064	95,812	104,248	2,010,034	Wake
49	32	528		596	1,850	551	7,394	938	2,130	999	15,485	4,755	4,951	90,395	Central Piedmont (C.)
76	49	809		3,588	1,900	3,409	45,749	2,067	2,300	2,377	36,844	11,143	11,938	204,778	Anson—DISTRICT 8
22	14	231		64	1,900	61	819	187	2,100	196	3,038	1,811	2,640	50,855	Cabarrus
78	51	842		1,237	1,800	1,113	14,936	641	2,000	641	9,936	7,273	7,444	136,788	Cleveland
139	85	1,403		478	2,000	478	6,415	601	2,100	631	9,781	5,403	5,879	110,934	Gaston
61	40	660		1,643	1,833	1,506	20,211	1,778	2,200	1,955	30,303	9,105	17,502	329,842	Lincoln
39	25	413		125	1,800	113	1,516	191	2,000	191	2,961	1,800	1,803	34,174	Mecklenburg
47	31	512		85	1,750	74	993	309	1,940	300	4,650	2,262	2,326	44,193	Montgomery
44	29	479		233	1,800	210	2,818	450	1,880	423	6,557	1,882	1,856	33,709	Moore
32	21	347		1,199	1,950	1,169	15,688	2,217	2,150	2,383	36,937	9,882	11,231	206,242	Richmond
8	5	83		1,441	1,850	1,333	17,889	2,038	2,300	2,343	36,317	10,729	11,662	212,529	Stanly
586	382	6,307		10,689	1,874	10,017	134,428	11,417	2,179	12,439	192,809	66,045	79,232	1,454,439	Union
33,704	21,908	341,327		25	2,000	25	383	87	1,920	84	1,248	35,300	23,618	372,984	Southern Piedmont (S.)
398	259	4,035										1,712	1,914	34,879	Bertie—DISTRICT 3
10,372	6,742	105,040						161	1,800	145	2,126	10,594	6,950	108,478	Camden
6	4	62						118	2,450	145	2,126	1,532	2,049	37,858	Chowan
6	4	62										6	4	62	Currituck
17,220	11,193	174,387						190	2,100	199	2,917	19,264	13,450	218,744	Dare
12,177	7,915	123,316		10	1,900	10	153	49	2,100	51	748	12,744	8,530	134,694	Edgecombe
29,364	19,087	297,375		2	2,000	2	31	465	2,050	477	6,993	31,086	20,845	330,561	Gates
25,586	16,631	259,111		5	1,900	5	77	36	2,000	36	528	26,331	17,461	274,683	Halifax
21,139	13,740	214,069		22	2,100	23	352	133	2,100	139	2,038	21,941	14,580	229,392	Hertford
1,768	1,110	17,294		13	1,900	12	184	582	2,200	640	9,382	4,054	3,629	64,231	Martin
33,181	21,568	336,029						65	2,020	66	968	34,318	22,824	359,676	Nash
562	365	5,687		7	2,100	7	107	89	2,300	102	1,495	3,197	3,632	66,307	Northampton
7,704	5,008	78,025						49	1,880	46	674	9,184	6,687	109,332	Pasquotank
913	593	9,239						5	1,900	5	73	2,307	2,187	39,032	Perquimans
6,791	4,414	68,770										8,704	6,613	109,715	Tyrrell
200,831	130,541	2,033,828		84	2,001	84	1,287	2,029	2,105	2,135	31,316	222,274	154,973	2,490,628	Washington
1,226	797	12,752		32	2,100	34	510	12							

THE ECONOMICS OF HAY PRODUCTION

Hay production is largely associated with the growing of livestock and with fairly fertile soils. Good yields of any kinds of grass are dependent on either naturally moist soils or those which have large water-holding content, due to a large organic content such as might be found on a livestock farm.

Dr. Clarence Poe, editor of the Progressive Farmer, used the illustration that farming without livestock was like doing one's work with only one hand, when two are available; that both hands are necessary for well balanced and profitable farming.

The tables on pages 32-33 not only show that the various counties of the State can produce a large variety of hays but that these can be grown in competition with small grains to a decided advantage of labor costs. One of the greatest drawbacks to our Southern farming is that of labor costs and the small percentage of machinery performance. Hay production permits of a minimum of labor and a maximum of machinery operation. A ready and constant market for hays is always available, without transportation and commission costs to the farmer who has adequate livestock.

Advantages of Hay Farming

A nice feature of hay production is

that it will keep fairly well in stacks out in the open—or at least, until it can be baled. When housed in barns or shelter from moisture, it will keep much better than small grains. When baled, hays are easily handled for a maximum storage and best sales. Hays can also be grown as succession crops, thereby increasing the profitability of individual fields. All crops harvested prior to July may be succeeded by hay crops. Not only is this an advantage, but it is really better for the soil that it be broken up and aerated as early as possible in the summer months. As evidence of this, small grains distinctly make better yields when planted on fields broken during June and July.

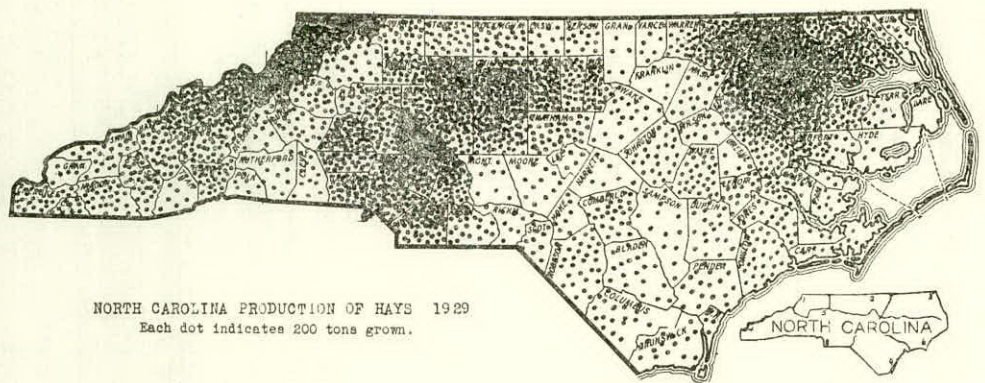
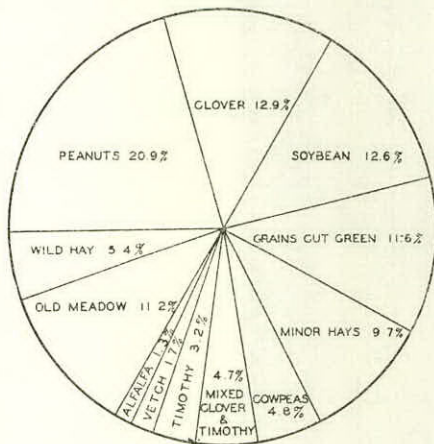
The principal problem of our North Carolina farmers is not the production of crops but the disposition of them at reasonable prices. With the heavy rainfall and mild climate found in all parts of the State and with grasses and weeds being the principal problems with which the farmers have to deal, it would appear to be the common sense thing to encourage them in the form of hay crops. In the case of alfalfa, three or four cuttings may be had each year.

Distribution of Kinds

The circle graph on this page will surprise many by showing that peanut hay makes up the largest percentage of the total hay production of the State. The

reason for this is that the peanut vines are saved from practically all of the peanut acreage, for the simple reason that after going through the picking or threshing machines, the roughage is left in good condition for consumption and being a legume crop, it provides a very nutritious and palatable feed. The peanut acreage is confined largely to the eastern counties, particularly those in the northeastern section, bordering on Virginia. Clover showed practically 13 percent; soy beans almost as much and small grains cut for feed almost 12 percent of the total hay acreage. Minor hays, making up almost 10 percent of the hay acreage, include such crops as millet, Sudan grass, sorghum, etc. Old meadows show over 11 percent of the total acreage of all hays and are found largely in the mountain counties, with very few such acreages in the eastern counties. Meadow hays are especially advisable on rolling soils, where erosion occurs. They are usually located on bottom lands, where they will catch any soil which might be washed from adjacent fields. Tiled meadows eliminate the need of ditches or open drainage.

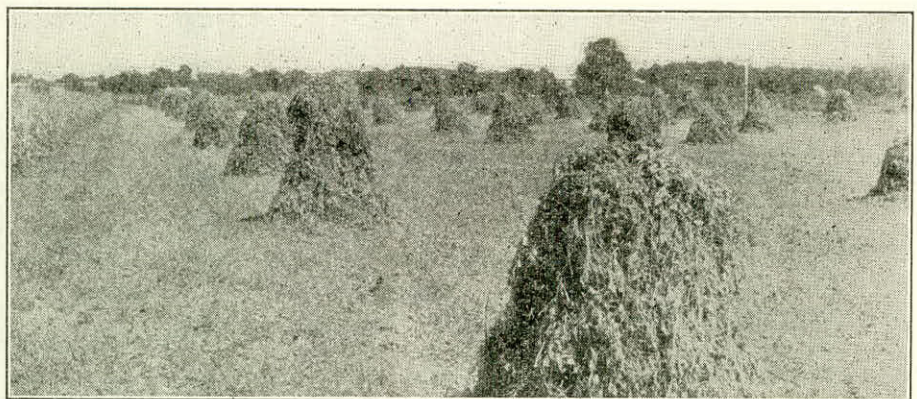
The map below illustrates graphically where the largest percentage of the hay acreage is found in North Carolina. The dark area in the northwestern district is made up largely of peanut hay, which is a by-product from the peanut production.



TAME HAY NORTH CAROLINA

Year	Acreage	Yield per Acre tons	Production	Price per ton	Total Value dollars
1929	813,000	.95	776,000	17.50	13,813,000
1928	797,000	.95	756,000	17.30	13,079,000
1927	806,000	.94	761,000	18.00	13,698,000
1926	759,000	.90	681,000	20.00	13,620,000
1925	710,000	.68	481,000	22.00	10,582,000
1924	695,000	.98	678,000	21.00	14,238,000
1923	784,000	1.22	955,000	20.00	19,100,000
1922	800,000	1.30	1,040,000	18.20	18,928,000
1921	690,000	1.30	897,000	19.50	17,761,000
1920	640,000	1.05	672,000	23.00	15,456,000

UNITED STATES		UNITED STATES		UNITED STATES	
(1000 acres)		(1000 tons)		(\$1000)	
1929	60,996	1.67	101,715	12.23	1,242,974
1928	58,140	1.61	93,351	12.27	1,145,417
1927	60,885	1.74	106,001	11.35	1,203,111
1926	58,558	1.47	86,144	14.10	1,214,630
1925	58,012	1.47	85,431	13.93	1,190,054
1924	60,907	1.60	97,224	13.76	1,337,802
1923	59,868	1.49	89,250	14.13	1,261,103
1922	61,159	1.57	95,748	12.55	1,201,637
1921	58,769	1.40	82,458	12.10	997,742
1920	58,101	1.55	89,785	17.66	1,585,603



This is a typical picture of a soybean field recently harvested. The shocks permit of good aeration and speedy curing. Cowpeas are handled in the same way.

Comments on Prices and Index Numbers

GRAPHICS OR PICTURED STATISTICS

Few people are interested in a mass of plain figures, however valuable and well arranged they may be. The reason is that it requires considerable concentration to get and to hold the comparisons and values which they are intended to show. On the other hand, almost any one will understand and remember an illustration that may show one or more of these ideas—particularly comparisons. For instance, take the graph below.

Concerning the Graph Below

The three features, "A," "B" and "C", illustrate first a map of North Carolina zoning the average condition of crops for July 1st, giving also the percentage figures, by counties. Thus at a glance one may observe in the dark areas the lower conditions, whatever the basic causes may be, and in the lighter zones, the higher figures. The "B" chart illustrates the trend or cycle of prices (heavy dotted line) in relation to annual productions and monthly stocks of cotton. The "C" bar-graph shows immediate comparisons of the various crops and livestock.

Now refer to pages 14, 25 and 44, and there will increasingly become evident not one nor ten nor a hundred, but a thousand comparisons, each of which might be pictured—illustrated. The number of graphic illustrations available in this issue of the Forecaster alone would require an immense volume, costing thousands of dollars, to be portrayed otherwise than in tables. Thus a single page of tabulated data would require the entire 48 pages, to be told in plain reading matter and then would be so disjointed and confusing that no one would read it.

Graphics Require Cost and Space

It is regretted that more graphics are not given in this issue. The illustrations are expensive, but, too, are helpful in catching and holding your interest. We urge you to learn to like and to use tables of figures. They are the best and cheapest way to present mass information.

Graphic statistics may be shown in the form of maps; objects (like animals or any other subject being studied); bar lines, like the one in section "C" herewith; curves and irregular lines, usually employed for showing trends; thermometer scales, pyramiding, or the piling of objects; zoning; dotting; shading, etc. Cross-section paper, or paper having square lines, is best suited for graphic line studies.

It is quite a problem to develop statistics or crop reports, and to present them in a form which would appeal to the average farmer, unless it is pictured. Any suggestions looking to the presentation of our data in a more attractive form will always be welcome. Constructive criticisms are always appropriate when presented from a point of interest. The reason that so many farmers criticize crop reports, is that they do not study them enough to see what they all mean, much less to use them to advantage.

WHY PRICE CYCLES ARE USED

All who study market prices or trends realize that eggs, butter, potatoes, fruits and most vegetables sell at highest prices at certain seasons of the year. These would be designated as seasonal price cycles. Other commodities like livestock, grains, cotton, tobacco and legume crops have high and low price periods at more or less regular interval of years. An illustration of this kind is shown in the "B" section of the graph below. The heavy dotted line reaches the first bottom point or lowest price of cotton in 1915. This point, which is below 12 cents, is again reached in 1921. The third low point, again below 12 cents, is reached in 1927. We are now in the fourth year of a cycle which may again reach 12 cents, if continued at the same rate of decline for two more years that it has shown for the past three years. Thus it will be shown that the price cycles of cotton seem to occur at six year intervals.

Cycles Are The Key to Good Marketing

With a knowledge of cycle periods, one may to best advantage buy or sell farm commodities. If sales must be made, it is better to sell promptly after harvest when the cycle shows a downward trend. On the other hand, it is better to hold crops when the trend is upward. Of course, the ideal way to study cycles is to plot the prices in a time series or a regular period form so that lines may be drawn through the prevailing trend much as that shown in the "B" section below.

The most speculative products or those which vary most in prices are those produced by farmers. It is, therefore, especially appropriate that farmers learn to understand and to use price information developed into cycles. As a convenience to them in this connection, the prices paid since 1922 to farmers for both crops and livestock are shown on page 36.

WHAT USE ARE INDEX NUMBERS?

The word "Index" means "Anything used to indicate, point out or guide"***. As we use index numbers, they are expressed in percentages. In simple terms, it means the percentage relationship of prices at a given time to some basic previous period. In the table on page 37, the base period was 1909-1914, or the pre-war five year period. This is represented by 100 percent or par.

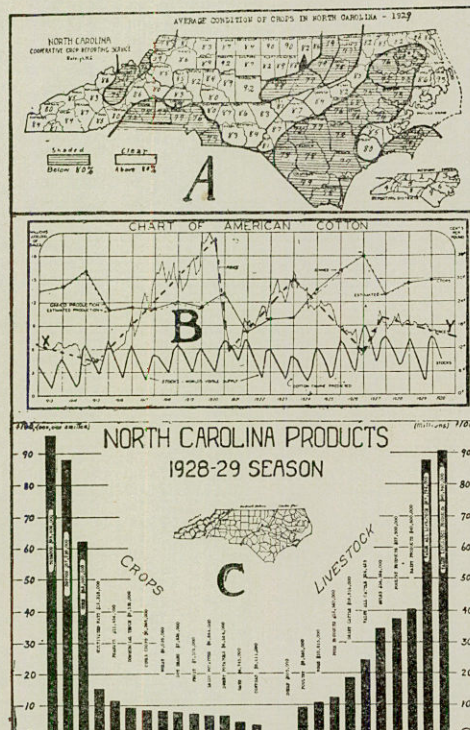
For instance, if eggs sold at 23c in April, 1930, as compared with 15 cents before the world war, the percentage relationship between these two figures is 153 which is simply the "index number." Studying the column under eggs on page 37 giving index numbers, we find the monthly trend from 1922 to 1930. While the prices indicate seasonal cycles, the index numbers do not show such great variation from month to month for the simple reason that the prices in April of this year compare with the same low price months of the pre-war years. The index number is, therefore, a guide or indication of best relationship. The years 1928 and 1929 showed the best price period, based on the index numbers, to be during the fall months.

Educational In Nature

By studying the table mentioned, one may take a given commodity and by careful analysis of pages 36-37, a basis for selling and buying may be worked out to good advantage. The chief value of statistics is educational in nature. Education requires consistent and continuous study. The information in this publication offers a tremendously valuable educational basis for the farmer who will really study it as outlined on this and page 5. The man who expects the farm problem to be completely worked out and handed to him on a platter is doomed to disappointment. Very few people appreciate that which requires no effort or cost. It is for this reason that publications like The Farm Forecaster and agricultural bulletins are so seldom used to advantage.

Purchasing Power

On the right hand side of the index numbers page are given the general index of farm products in relation to manufactured products; also the ratio of prices received to prices paid by farmers. This latter means the purchasing power which the products have now in relation to the pre-war period. The third to the last column shows this figure for North Carolina, while the last column shows it for the United States as a whole. The March ratio shows 85 percent for the United States. This means that \$1.00 worth of farm products in general will now bring only 85 percent of that for non-farm products that the same quantity brought 1909-1914. In other words, the manufactured products now brings about 17 percent more than they did before the war, while farm products are bringing 15 percent less. Organization, combined with better business methods (including the studies of index numbers and prices) is largely responsible for the advantage now being experienced by the industrial interests.



For related facts see pages 3, 4, 5, 10, 23, 36, 37, 39, 41

PRICES PAID TO NORTH CAROLINA PRODUCERS FOR FARM PRODUCTS

This table shows yearly, and monthly comparisons for price trends. These prices are those paid to farmers and NOT retail prices

DATES		GENERAL FARM CROP PRICES												Hay Crops			
		Corn bu.	Wheat bu.	Oats bu.	Barley bu.	Rye bu.	Cotton lint lbs.	Cotton- seed tons	To- bacco lbs.	Soy- beans bu.	Cow- peas bu.	Pea- nuts lbs.	Irish Potatoes bu.	Sweet Potatoes bu.	All Tame loose tons	Tim- othy loose tons	Clover loose tons
January	1922	.74	1.39	.66	----	1.14	17.0	32.20	21.4	1.80	2.15	5.0	1.35	1.06	19.70	23.50	22.30
April		.87	1.52	.66	----	1.10	16.5	36.30	-----	-----	2.28	3.5	1.55	1.12	20.20	24.58	21.41
July		.89	1.39	.69	----	1.22	20.9	36.50	21.6	-----	2.00	6.0	1.24	1.05	19.60	23.66	20.79
October		.93	1.24	.64	----	1.23	20.3	34.03	29.5	1.85	1.78	3.0	1.03	.99	18.20	22.00	19.10
January	1923	.93	1.35	.68	----	1.18	25.8	46.10	26.6	-----	-----	-----	.99	.74	19.95	24.50	22.40
April		1.06	1.46	.75	----	1.28	28.8	54.00	-----	-----	-----	-----	1.24	.95	20.15	24.40	21.40
July		1.20	1.42	.71	----	1.27	25.4	45.90	22.5	-----	-----	-----	1.14	1.00	20.45	22.70	21.00
October		1.20	1.26	.71	----	1.26	27.4	40.60	21.5	-----	-----	-----	1.30	1.07	20.20	24.50	18.00
January	1924	1.05	1.31	.79	----	1.19	32.6	46.50	19.8	-----	2.20	6.5	1.25	1.00	20.50	21.50	21.80
April		1.11	1.30	.79	----	1.30	30.0	40.00	-----	-----	2.50	6.5	1.30	1.34	21.00	22.90	22.00
July		1.15	1.33	.75	----	1.25	28.0	39.00	23.9	-----	2.90	6.2	1.30	1.40	21.00	-----	19.50
October		1.35	1.45	.83	----	1.49	23.0	35.00	-----	-----	-----	-----	.95	1.17	20.50	18.00	-----
January	1925	1.46	1.88	.85	----	1.56	22.8	40.00	21.1	-----	-----	-----	1.04	1.20	21.00	-----	-----
April		1.42	1.72	.79	----	1.51	23.0	42.00	-----	-----	-----	-----	1.01	1.59	21.00	21.30	-----
July		1.51	1.70	.75	----	1.43	23.1	33.50	-----	-----	-----	-----	1.38	1.39	19.50	-----	20.00
October		1.25	1.67	.75	----	1.57	20.2	33.70	26.4	-----	-----	-----	1.68	1.63	20.20	-----	20.00
January	1926	1.06	1.90	.74	----	1.44	18.4	35.50	18.6	-----	-----	-----	2.53	1.36	20.00	24.00	22.00
April		1.08	1.81	.74	----	1.40	17.6	38.40	-----	-----	-----	-----	3.50	1.55	22.30	28.00	23.70
July		1.07	1.54	.65	----	1.30	16.6	36.00	-----	-----	3.48	6.0	1.70	1.70	20.50	26.00	20.10
October		.97	1.37	.70	----	1.22	12.3	24.10	26.7	-----	-----	4.0	1.45	1.00	18.30	24.50	22.80
January	1927	.83	1.42	.66	----	1.20	11.6	23.00	20.9	-----	-----	-----	1.70	1.00	18.50	24.00	23.00
April		.84	1.39	.68	1.20	1.15	13.2	31.70	-----	-----	-----	-----	1.80	1.15	19.00	25.00	22.00
July		.98	1.42	.67	1.10	1.10	15.5	30.00	-----	1.70	1.70	5.6	1.75	1.25	19.00	22.00	22.00
October		1.01	1.43	.70	1.19	1.29	20.5	37.80	22.8	1.44	1.63	4.2	1.20	.85	18.50	20.00	20.00
January	1928	.89	1.44	.74	1.25	1.32	19.0	38.50	19.1	1.43	1.63	5.7	1.25	.80	17.50	22.00	20.50
February		.91	1.49	.74	1.20	1.29	17.3	40.00	14.0	1.49	1.71	5.5	1.40	.95	18.00	20.80	19.80
March		.97	1.55	.80	1.26	1.38	18.0	40.00	-----	-----	-----	-----	1.50	1.00	17.10	17.70	20.00
April		1.03	1.65	.81	1.22	1.38	19.1	43.00	-----	1.74	1.84	5.4	1.55	1.05	17.40	19.70	19.00
May		1.12	1.87	.83	1.35	1.43	20.2	43.00	-----	1.88	1.94	5.6	1.60	1.05	17.90	21.50	20.00
June		1.17	1.84	.87	1.36	1.42	19.9	43.00	-----	2.07	2.03	5.8	1.25	1.05	18.00	20.00	19.00
July		1.22	1.59	.84	1.33	1.44	21.4	42.00	-----	1.86	2.13	6.2	.75	1.00	18.00	21.00	21.00
August		1.24	1.46	.80	1.26	1.36	19.3	39.00	14.4	2.05	2.07	5.1	.70	1.25	17.30	20.40	19.00
September		1.22	1.43	.75	1.21	1.39	18.1	36.00	15.1	2.20	1.88	5.5	.70	1.15	17.30	20.70	20.90
October		1.17	1.45	.78	1.42	1.46	18.3	35.00	20.5	1.79	1.88	4.9	.85	1.10	17.20	19.70	19.00
November		1.10	1.52	.78	1.46	1.47	18.3	40.00	22.5	1.58	1.86	5.3	.85	.95	17.20	20.60	20.00
December		1.06	1.49	.76	1.40	1.48	18.7	42.00	19.0	1.71	1.96	5.0	.85	.95	17.20	20.40	19.80
January	1929	1.09	1.49	.79	1.33	1.47	18.6	42.00	16.3	1.95	2.30	5.1	.90	.95	18.10	21.50	20.20
February		1.12	1.51	.79	1.38	1.43	18.4	43.00	-----	1.95	2.65	5.0	.85	1.00	18.60	21.00	20.30
March		1.17	1.49	.80	1.35	1.39	19.7	43.00	-----	2.08	2.66	4.9	.95	1.05	18.60	21.00	21.30
April		1.19	1.52	.78	1.34	1.41	19.0	40.00	-----	2.16	3.01	4.9	.90	1.15	18.30	20.30	20.60
May		1.19	1.44	.77	1.38	1.40	18.3	39.00	-----	2.32	3.18	4.7	.85	1.20	18.00	21.00	19.90
June		1.22	1.29	.73	1.20	1.33	18.3	36.00	-----	2.31	3.76	5.1	.95	1.20	18.00	21.60	19.40
July		1.24	1.29	.71	1.13	1.29	18.3	35.00	13.9	2.40	3.55	4.6	1.00	1.20	17.60	22.50	20.30
August		1.28	1.39	.73	1.18	1.32	18.5	34.00	17.6	2.20	3.39	4.3	1.00	1.20	17.20	21.50	19.20
September		1.28	1.40	.71	1.25	1.40	18.6	31.50	14.1	2.12	2.45	4.2	1.05	1.10	17.50	20.50	19.00
October		1.18	1.42	.74	1.25	1.37	17.8	30.00	19.9	1.73	2.33	4.3	1.10	1.00	17.50	20.50	18.80
November		1.06	1.41	.76	1.31	1.38	16.7	30.00	21.4	1.57	2.17	4.1	1.25	.95	16.80	19.50	17.80
December		1.00	1.40	.74	1.27	1.37	16.7	29.00	18.6	1.71	2.29	3.7	1.25	.90	17.00	19.50	17.70
January	1930	.98	1.39	.73	1.23	1.34	16.3	26.00	16.8	1.78	2.46	3.4	1.25	.90	17.00	19.20	18.40
February		1.04	1.39	.75	1.30	1.34	15.3	26.67	16.3	1.83	2.66	3.1	1.38	.94	18.69	20.07	19.85
March		1.02	1.36	.72	1.30	1.35	14.3	26.48	16.9	1.91	2.98	3.0	1.45	.95	17.67	19.50	19.90

DATES		FRUIT		LIVESTOCK (live weight)					LIVESTOCK AND PRODUCTS									
		Apples		Hogs per 100 lbs.	Beef Cattle per 100 lbs.	Veal Calves per 100 lbs.	Sheep per 100 lbs.	Lambs per 100 lbs.	Milk Cows per head	Horses per head	Mules per head	Butter lb.	Milk qt.	Eggs doz.	Chick- ens live lb.	Tur- keys live lb.	Wool (Un- washed) lb.	
		bu.	bbl.															
January	1922	2.90	8.50	9.65	4.80	6.00	5.45	6.80	45.50	108.30	---	.37	---	.43	13.3	.30	.20	
April		3.86	9.50	9.80	4.87	6.44	5.75	7.95	43.11	110.00	---	.33	---	.20	19.6	---	.26	
July		.95	2.67	9.90	4.90	6.45	5.85	8.60	43.66	112.50	---	.30	---	.24	24.0	---	.26	
October		.74	2.44	10.10	5.10	6.80	6.00	8.36	41.90	110.90	---	.35	---	.31	21.0	---	.30	
January	1923	1.45	4.38	10.20	5.30	6.80	6.70	8.10	44.00	112.00	---	.36	---	.42	20.5	.31	.31	
April		1.79	5.98	9.40	5.20	6.40	5.20	8.20	42.00	114.00	---	.37	---	.22	21.0	---	.31	
July		1.54	4.16	9.20	5.10	6.50	5.60	8.90	43.40	110.00	---	.37	---	.27	25.0	---	.33	
October		1.14	4.00	10.10	5.10	6.50	7.80	8.80	43.40	105.00	---	.35	---	.33	20.8	---	.33	
January	1924	1.64	4.40	9.20	5.00	6.80	6.60	8.20	42.00	102.00	---	.40	.11	.34	19.0	.29	.35	
April		1.87	5.50	9.20	5.00	7.00	6.70	8.50	43.10	100.00	---	.36	.15	.20	19.0	---	.36	
July		1.00	4.00	9.50	5.30	6.90	6.00	9.50	46.00	104.00	---	.36	.12	.26	23.0	---	.35	
October		.85	3.00	10.40	5.20	7.80	6.50	10.20	45.00	100.00	---	.37	---	.39	22.0	---	.36	
January	1925	1.30	4.00	10.90	5.60	7.90	6.50	10.00	43.00	92.00	---	.38	---	.43	20.0	.30	.34	
April		1.10	5.90	11.00	5.70	7.30	7.40	11.10	42.70	97.00	---	.38	---	.25	21.0	---	.38	
July		1.26	4.00	11.10	5.50	7.20	6.00	9.80	45.80	95.00	---	.34	---	.27	24.0	---	.37	
October		1.15	4.00	11.80	5.70	9.00	7.00	10.90	50.20	88.00	---	.38	---	.38	22.0	---	.38	
January	1926	1.58	5.30	12.00	4.90	8.30	6.20	10.00	45.10	73.00	104.00	.40	.10	.41	20.0	.30	.40	
April		---	---	12.00	5.30	8.80	8.00	11.60	49.00	82.00	116.00	.38	.12	.27	22.0	---	.36	
July		1.00	5.00	13.00	6.30	8.30	7.60	11.60	50.00	82.00	114.00	.37	.11	.29	26.0	---	.36	
October		.70	2.70	12.70	5.90	8.60	7.50	10.30	50.00	78.00	105.00	.37	.11	.37	22.0	---	.36	
January	1927	1.00	3.00	12.50	6.00	8.60	8.00	11.50	50.00	77.00	105.00	.37	.14	.38	21.0	.30	.35	
April		---	---	11.80	6.30	8.80	7.70	10.60	58.00	90.00	120.00	.36	.14	.22	22.0	---	.35	
July		1.20	3.50	11.80	6.40	9.40	7.40	10.70	59.00	88.00	125.00	.37	.14	.24	24.0	---	.35	
October		1.65	3.90	10.70	6.80	9.20	6.70	10.50	64.00	84.00	120.00	.39	.14	.37	23.0	.30	.27	
January	1928	1.90	6.00	10.60	6.80	9.80	8.00	10.70	65.00	88.00	126.00	.39	.14	.39	21.0	.30	.35	
February		2.10	5.80	10.40	7.00	9.90	7.60	11.10	69.00	93.00	135.00	.39	.14	.31	21.0	.27	.35	
March		---	---	9.10	7.40	10.70	8.30	12.70	70.00	92.00	140.00	.39	.14	.21	21.0	---	.36	
April		---	---	9.00	7.60	11.00	8.70	12.10	72.00	95.00	145.00	.38	.14	.22	21.0	---	.40	
May		---	---	9.10	7.40	10.00	8.50	11.60	73.00	95.00	145.00	.41	.14	.23	23.0	---	.40	
June		1.65	4.40	9.80	7.90	10.00	8.40	12.40	72.00	95.00	145.00	.40	.14	.25	25.0	---	.42	
July		.90	2.90	9.90	7.60	11.00	8.30	12.00	72.00	95.00	140.00	.37	.14	.27	25.0	---	.42	
August		.55	2.75	10.00	7.90	11.00	8.20	10.80	72.00	95.00	140.00	.37	.14	.26	24.0	---	.45	
September		.80	2.40	10.40	7.80	10.80	8.70	10.90	74.00	91.00	135.00	.39	.14	.33	23.0	---	.44	
October		.85	2.55	10.70	8.10	11.40	8.30	10.60	74.00	88.00	135.00	.39	.14	.38	23.0	.28	.43	
November		.95	2.85	10.20	8.00	11.30	8.70	11.00	73.00	88.00	135.00	.40	.14	.42	23.0	.30	.43	
December		1.00	3.00	9.90	7.40	10.70	8.30	10.60	73.00	87.00	135.00	.40	.14	.44	22.0	.31	.44	
January	1929	1.10	3.30	9.40	7.50	10.60	8.10	11.40	71.00	87.00	135.00	.38	.14	.35	21.0	.29	.41	
February		1.10	3.30	9.40	7.50	10.80	7.80	11.20	71.00	88.00	135.00	.38	.14	.31	22.0	---	.43	
March		1.35	4.00	9.70	7.80	11.00	7.70	11.11	72.00	91.00	135.00	.37	.14	.29	23.0	---	.44	
April		1.35	4.00	9.70	7.90	11.00	8.20	11.60	72.00	91.00	137.00	.37	.14	.23	25.0	---	.43	
May		---	---	10.20	8.10	11.20	8.20	12.00	74.00	91.00	137.00	.36	.14	.26	26.0	---	.38	
June		1.25	3.80	10.10	7.90	10.80	8.40	12.00	73.00	92.00	137.00	.37	.14	.28	27.0	---	.37	
July		1.05	3.05	10.10	8.10	11.40	8.20	11.50	74.00	92.00	137.00	.36	.14	.29	25.0	---	.38	
August		.95	2.85	10.60	8.20	11.00	7.70	11.00	75.00	91.00	137.00	.37	.14	.30	23.0	---	.38	
September		1.05	3.15	10.50	7.80	11.10	8.00	11.10	75.00	86.00	137.00	.38	.14	.36	22.0	---	.38	
October		1.15	3.45	10.40	7.90	10.60	7.80	10.20	75.00	86.00	137.00	.40	.14	.40	22.0	.28	.39	
November		1.25	3.75	10.60	7.80	11.00	7.60	10.60	75.00	86.00	137.00	.39	.15	.43	22.0	.29	.39	
December		1.35	4.05	10.40	7.20	10.80	7.50	10.70	75.00	87.00	137.00	.39	.14	.46	22.0	.26	.38	
January	1930	1.45	4.35	10.10	7.90	11.00	7.30	10.80	72.00	87.00	136.00	.36	.15	.40	21.0	.24	.37	
February		1.57	5.50	10.03	7.65	10.46	7.62	11.39	73.00	92.00	143.00	.37	.14	.31	21.0	---	.37	
March		.59	5.46	9.65	7.91	10.39	7.80	10.73	69.00	92.00	139.00	.36	.14	.22	22.0	---	.37	

INDEX NUMBERS OF NORTH CAROLINA FARM PRICES FOR 1922-1930

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Based on Five-Year Period—August, 1900-July, 1914, Equals 100 Per Cent

YEARS MONTHS	PERCENTAGE COMPARISON OF PRICES RECEIVED TO PRE-WAR PRICES																				Index Agr. Products (N.C.)	Index Non-Agr. Products (U.S.)	*Ratio of Prices Received to Prices Paid N.C.	*Ratio of Prices Received to Prices Paid U.S.
	Corn	Wheat	Oats	Rye	Irish Potatoes	Sweet Potatoes	Cotton	Cotton Seed	All Hay	Beef Cattle	Milk Cows	Veal Calves	Hogs	Sheep	Lambs	Horses	Chickens	Eggs	Butter	Wool				
1922																								
April	98	132	102	110	161	127	130	144	118	110	123	119	124	130	144	71	172	133	138	124				
May	96	130	114	123	156	128	131	151	112	113	127	131	118	140	161	75	181	146	146	127				
June	99	127	114	120	166	134	145	153	123	110	115	116	125	132	166	71	187	150	152	118				
July	94	130	110	124	139	140	161	153	117	113	127	119	129	136	160	73	180	141	130	124				
August	99	118	102	110	146	158	169	160	123	118	127	119	133	129	147	73	176	135	145	134				
September	102	115	103	116	129	132	172	128	130	126	130	111	129	148	153	74	167	140	148	150				
October	104	112	102	123	127	152	166	143	118	128	127	137	129	143	169	75	176	141	146	150				
November	105	118	102	119	134	141	190	189	117	130	125	131	134	145	169	73	199	146	142	135				
December	107	123	108	121	122	127	199	185	115	128	127	138	139	160	171	72	182	168	150	150				
1923																								
January	111	121	110	117	116	106	202	176	119	132	133	133	137	164	169	74	192	175	158	141				
February	113	125	114	123	111	120	212	202	129	122	124	121	134	142	156	72	176	170	163	118				
March	118	124	119	127	106	118	233	211	113	121	128	125	131	138	159	76	183	176	150	153				
April	119	127	115	128	129	108	227	215	121	117	120	118	119	117	148	74	184	147	154	148				
May	118	128	111	130	130	109	214	213	113	115	124	126	130	160	170	78	203	153	158	150				
June	120	133	120	137	127	107	203	185	126	118	119	122	121	143	160	73	234	150	148	154				
July	126	133	113	127	128	133	205	197	121	118	126	119	120	130	165	72	188	159	161	158				
August	125	114	105	129	147	152	191	189	130	124	125	123	120	146	166	71	186	147	159	158				
September	131	113	108	129	163	184	202	187	124	125	123	113	129	141	172	66	180	145	157	190				
October	135	114	102	126	161	165	225	196	130	128	131	131	129	185	178	72	175	150	146	165				
November	124	114	117	128	140	175	240	200	126	134	126	125	122	165	170	69	191	162	154	169				
December	123	115	119	136	145	156	250	189	126	129	130	138	125	153	162	72	191	176	163	185				
1924																								
January	125	117	127	121	147	143	263	177	129	124	127	133	123	162	170	67	177	142	167	159				
February	126	119	122	130	152	147	257	176	124	117	126	132	128	154	161	65	180	170	150	163				
March	126	120	120	129	128	150	226	182	125	118	125	122	133	159	165	67	184	129	158	182				
April	125	113	122	130	135	152	236	159	122	113	123	129	117	151	153	65	168	133	150	172				
May	109	117	120	137	144	155	231	161	121	119	129	147	125	165	168	69	186	153	167	173				
June	116	115	120	129	172	169	222	154	128	118	128	128	125	150	168	68	242	156	148	159				
July	121	124	119	127	146	187	215	164	125	122	133	127	123	140	177	68	173	153	157	167				
August	123	127	134	132	123	175	222	160	151	129	146	163	135	139	183	69	195	165	168	153				
September	132	130	127	138	131	191	179	145	127	127	144	154	133	141	182	68	180	165	165	169				
October	152	131	132	149	117	180	189	147	133	130	136	157	133	155	207	67	185	177	154	179				
November	143	143	130	146	128	181	182	154	135	134	127	152	135	158	207	65	183	175	150	175				
December	157	146	127	141	124	192	179	146	127	132	123	165	140	151	187	65	191	200	163	179				
1925																								
January	174	168	137	159	122	171	184	152	132	139	130	154	146	160	207	61	183	179	158	154				
February	174	177	140	156	130	184	182	155	136	122	137	136	148	144	205	58	182	190	146	150				
March	171	186	133	152	129	191	195	162	115	126	131	157	154	178	233	64	179	135	146	186				
April	160	150	122	151	105	181	181	167	122	128	122	135	140	167	200	63	184	167	158	182				
May	170	163	118	162	147	170	181	178	130	122	135	145	136	177	207	59	186	167	142	177				
June	156	169	120	157	145	179	176	148	113	134	132	137	139	177	195	52	216	169	152	173				
July	159	159	119	146	155	185	178	140	116	127	133	132	145	140	182	62	180	159	148	177				
August	147	157	113	153	188	168	187	177	123	148	132	179	170	160	193	61	192	182	173	162				
September	152	160	117	152	215	191	178	166	119	142	146	144	153	137	205	56	184	180	174	179				
October	140	150	119	157	207	251	173	141	131	143	152	184	151	167	222	59	185	173	158	190				
November	140	153	121	145	248	215	154	138	138	139	141	160	150	212	241	52	183	179	175	190				
December	130	161	119	154	263	190	148	138	142	147	150	180	164	194	211	61	188	204	171	195				
1926																								
January	126	170	119	147	304	194	148	135	126	122	136	162	161	152	207	48	188	171	167	182				
February	127	173	116	146	332	205	150	131	129	120	139	168	157	149	219	58	197	185	158	173				
March	122	165	109	136	319	184	137	140	129	133	131	146	156	169	230	57	198	141	158	182				
April	121	157	114	140	365	176	139	153	130	119	140	162	152	180	210	53	197	180	158	172				
May	113	163	109	131	361	184	133	145	124	135	148	167	162	179	226	59	218	173	163	132				
June	112	159	111	136	323	202	123	150	120	130	139	146	168	184	223	55	255	175	161	163				
July	113	144	103	133	191	227	128	151	122	145	145	153	169	177	217	53	198	171	161	172				
August	111	134	105	138	185	202	134	142	126	143	146	149	174	176	212	55	203	165	168	172				
September	112	132	103	133	200	184	137	137	140</															

NORTH CAROLINA WEATHER DATA FOR 1929

COUNTY	PRECIPITATION (INCHES)							TEMPERATURE (DEGREES FAHRENHEIT)										STATIONS			
	Total Clear Days, No.	Total Cloudy Days, No.	Total Rainy Days, No.	Total Rainfall		Normal Rainfall, In.	Greatest Monthly Rainfall		Lowest Monthly Rainfall		First Frost, Date.....	Last Frost, Date.....	Highest, ...	Date.....	Lowest.....	Date.....	Average Temperature	Normal.....	Length of Record Yrs.	Number Stations.....	Average Elevation Station, Ft.....
				Inches.	Departure, In.		Inches	Date	Inches	Date											
Alamance.....			116	58.44	+11.97	46.47	7.49 Feb.	1.68 Jan.								59.6	59.6		1	656	
Alexander.....				60.00													58.0	57.3			
Alleghany.....				58.10													53.5	52.1			
Anson.....				59.00													61.0	60.5			
Ashe.....	115	120	121	59.86	+11.06	48.80	8.86 Oct.	2.28 Dec.	Oct. 9	May 3	89	July 29	—2	Nov. 30		52.9	51.9	22	2	3488	
Avery.....	112	129	124	63.00			9.35 Oct.	1.95 Aug.	Oct. 9	May 22	85	July 28	—7	Nov. 30		50.0	49.2	22	1	3750	
Beaufort.....			87	66.90			8.90 May	2.30 April			94	Aug. 6	15	Dec. 1		62.0	60.3	20	1	4	
Bertie.....				59.00												61.0	59.9				
Bladen.....			104	59.23	+23.29	35.94	9.46 May	1.79 April								62.6	62.1		1	60	
Brunswick.....	189	77	117	65.85	+16.08	49.77	10.51 Aug.	1.82 April	Nov. 30	Mar. 10	96	Aug. 4	19	Dec. 1		64.5	63.1	75	1	18	
Buncombe.....	158	103	130	57.05	+10.85	46.20	13.68 Sept.	1.40 Dec.	Oct. 26	Mar. 18	89	July 29	1	Nov. 30		54.3	49.9	51	2	2428	
Burke.....			115	66.57	+12.07	54.50	13.35 Sept.	1.45 Aug.	Nov. 6	Mar. 18	93	June 15	10	Dec. 1		58.6	57.9	43	2	1138	
Cabarrus.....				65.00												60.0	58.8				
Caldwell.....	224	109	112	55.39	+4.41	50.98	7.15 July	1.83 Aug.	Oct. 26	Mar. 19	93	July 8	8	Dec. 1		57.8	56.5	56	1	1186	
Camden.....				60.05												62.7	60.4				
Carteret.....	208	95	128	68.00	+16.75	51.25	12.55 July	1.16 April	Nov. 30	Mar. 10	93	Aug. 4	21	Dec. 1		64.4	63.5	29	1	10	
Caswell.....				57.00												59.0	58.9				
Catawba.....			124	62.02	+9.84	52.18	9.32 Oct.	2.97 Dec.	Nov. 6	Mar. 18	93	July 1	10	Nov. 30		58.3	58.5	17	1	1165	
Chatham.....	160	101	124	65.20	+21.53	43.67	13.50 Oct.	2.10 Sept.	Oct. 26	April 19	94	June 21	8	Dec. 1		59.9	59.8	36	1	232	
Cherokee.....			147	70.53	+11.53	59.00	11.25 May	1.76 Oct.								57.0	49.8			1614	
Chowan.....	185	88	98	58.28	+8.15	50.13	9.25 May	0.80 April	Nov. 22	Mar. 11	96	June 21	14	Dec. 1		62.0	60.3	36	1	30	
Clay.....				80.00												56.0	54.1				
Cleveland.....	238	83	101	69.87			10.80 Oct.	1.12 Aug.								60.0	59.8		1		
Columbus.....	218		101	55.59	0	55.59	7.84 Sept.	2.20 Nov.			97	Aug. 2	13	Dec. 1		62.7	61.5	5	1	106	
Craven.....	187	114	119	62.36	+5.57	56.79	8.97 July	1.84 April	Nov. 30	Mar. 10	95	July 10	13	Dec. 1		64.0	62.2	48	1	12	
Cumberland.....			110	64.01	+18.10	51.48	9.62 Oct.	3.29 Dec.	Nov. 30	Mar. 18	94	June 21	14	Dec. 1		62.0	62.2	42	1	170	
Currituck.....				60.00												62.0	60.5				
Dare.....	145	132	76	50.93	+1.62	49.31	13.71 Sept.	1.26 Oct.	Nov. 30	Mar. 11	92	April 7	20	Nov. 30		61.2	60.4	56	2	12	
Davidson.....				63.00												58.6	58.9				
Davie.....	154			59.00												58.6	57.6				
Duplin.....			100	59.04	—2.16	61.20	8.75 May	1.40 April	Nov. 10	April 19	96	July 11	13	Dec. 1		62.0	61.4	37	2	50	
Durham.....				54.32	+15.76	42.72	7.90 Aug.	1.43 Jan.	Nov. 6	Mar. 18	94	June 21	11	Dec. 1		59.7	59.7	9	1	406	
Edgecombe.....	204	104	104	61.78	+14.38	47.40	8.62 Oct.	1.94 April	Nov. 22	Mar. 11	96	Aug. 2	13	Dec. 1		61.1	60.8	45	1	50	
Forsyth.....	235	81	121	54.40	+8.80	45.60	8.23 Oct.	1.90 Jan.	Nov. 6	Mar. 18	93	June 20	11	Dec. 1		58.2	57.7	35	1	1000	
Franklin.....	238	71	87	58.17	+12.68	45.49	8.02 Oct.	1.73 Sept.	Nov. 6	April 19	97	July 9	10	Dec. 1		59.9	59.2	39	1	375	
Gaston.....			130	70.59	+19.72	50.87	11.14 Oct.	3.22 July								60.3	60.2		1	616	
Gates.....				59.00												61.0	60.8				
Graham.....				70.00												56.0	51.2				
Granville.....	210	83	124	58.32	0	58.32	7.98 Aug.	1.48 Jan.	Nov. 6	April 19	94	June 21	9	Dec. 1		58.4	58.4	9	1	500	
Greene.....				64.00												61.8	60.6				
Guilford.....	156	100	130	54.03	+5.33	48.70	7.53 Feb.	1.47 Jan.	Nov. 6	Mar. 18	95	June 20	10	Nov. 30		59.3	59.1	49	2	904	
Halifax.....	159	114	109	58.38	+13.11	45.27	10.89 Oct.	2.49 Dec.	Nov. 6	April 19	97	July 9	12	Dec. 1		60.2	59.0	58	3	84	
Harnett.....				62.00												61.0	61.3				
Haywood.....				55.00							90	July 1	—2	Dec. 23		54.2	51.6	35	1	2792	
Henderson.....	180	94	138	72.98	+10.82	62.16	13.77 Sept.	1.94 Aug.	Oct. 21	April 18	91	July 1	6	Nov. 30		56.3	55.3	33	1	2167	
Hertford.....				57.00												60.7	59.8				
Hoke.....			98	68.94	+25.14	43.80	10.44 June	2.06 April			95	June 21	14	Nov. 30		61.8	61.8	15	1	600	
Hyde.....	196	87	124	63.60	+14.63	48.97	9.84 July	1.36 April	Nov. 30	Mar. 18	97	July 6	14	Dec. 1		62.5	61.5	15	1	2	
Iredell.....	128	117	115	58.79	+8.69	50.10	11.65 Oct.	2.03 Jan.			97	Aug. 14	11	Nov. 30		59.0	58.9	28	2	838	
Jackson.....	139	180	154	59.75	+14.73	45.02	7.90 Sept.	1.05 Aug.	Oct. 26	April 19	90	July 7	12	Dec. 24		56.2	56.1	20	1	2100	
Johnston.....	183	77	120	65.78	+17.50	48.28	12.24 Oct.	2.67 April	Nov. 10	Mar. 11	95	June 21	12	Nov. 30		60.7	60.3	40	1	146	
Jones.....				61.00												63.8	62.8				
Lee.....				61.00												60.0	60.1				
Lenoir.....	147	116	127	59.86	+11.32	48.54	9.58 May	1.77 April			97	Aug. 2	15	Dec. 1		63.6	62.0	26	1	46	
Lincoln.....				64.00												59.0	59.7				
McDowell.....				67.00			10.27 Sept.	3.22 April			91	July 1	—	Nov. 30		58.0	55.7	38	1	1425	
Macon.....	119	110	153	88.00	+5.30	82.70	18.70 Sept.	1.05 Aug.	Oct. 25	April 17	88	July 1	—2	Nov. 30		54.1	53.7	43	3	3017	
Madison.....	154	125	125	46.41	+4.81	41.60	7.48 May	1.30 Dec.	Oct. 26	Mar. 18	93	June 21	3	Dec. 25		57.3	57.3	32	2	1486	
Martin.....				62.00												61.5	60.6				
Mecklenburg.....	112	135	137	57.01	+10.96	46.05	8.58 Feb.	2.58 Jan.	Nov. 22	Mar. 11	97	July 1	15	Nov. 30		60.7	60.1	54	1	773	
Mitchell.....				61.00												52.0	48.6				
Montgomery.....				58.00												60.6	60.3				
Moore.....	202	74	83	56.49	+10.84	45.65	10.09 Oct.	2.43 April	Nov. 6	Mar. 18	97	June 21	12	Dec. 1		60.8	60.1	35	2	584	
Nash.....	128	175	107	61.46	+14.86	46.60	13.01 Oct.	2.26 April	Nov. 6	Mar. 18	96	July 10	13	Dec. 1		60.5	60.2	26	2	148	

WEATHER DATA IN RELATION TO CROP YIELDS

The one thing which the average farmer is in full agreement with, in relation to crop estimates, is that the weather can make or ruin a crop. In North Carolina weather information is particularly important, due to the length of the State being over 500 miles, but more especially in view of the difference in elevation, extending from the coast to the mountain area in the West. The southeastern points grow velvet beans, sugar cane and sub-tropical plants to perfection, while the northwestern counties produce buckwheat, maple sugar, and northern flora equal to the New England States.

In the case of rainfall, we may point to the commercial fertilizers in as much as North Carolina is an outstanding user of such products. Too little rainfall means that the plant food does not go into solution, and, therefore, the plants do not get the benefits needed. Then, too, in case the seeds germinate, chemical action on them, without dilution, is apt to kill the tender growth. In the case of too much rainfall, the plant food being readily soluble in water, it is diluted and carried away in the excess overflow of rain water. Favorable rainfall is, therefore, very important to North Carolina farmers.

The Physical Effects of Rainfall

The physical effect of rainfall on the soil is also highly important. Either excess drouth or of rainfall may prevent timely and adequate preparation. While most plants like an abundance of soil moisture, one of our most important crops, namely, cotton, does best under fairly dry conditions. This has become especially true under boll weevil conditions. In the case of this crop, wet conditions not only produce too much plant growth and grassiness, but encourage the spread of the weevil—at the same time leaching away the commercial plant food.

Studies With Weather Data

The weather factors are so important in crop determinations that statistical studies have been made, whereby the yields may be fairly well anticipated by analyzing the number of rainy days and the rainfall. Even cloudy days have been found to have an important bearing on yields. The earliness or lateness of planting and the weather prevailing during the planting season greatly effect the final yields. Not only are the planting and growing seasons influenced by the rainfall, but even the final harvest may be

completely ruined, due to excess or prolonged rainfall.

Temperature Factors

Temperature is of principal importance during the fall and spring, when the early or late frosts and freezes may occur. With the exception of sweet potatoes, soy beans and late truck crops, early frosts are not of material importance. The cold weather during the winter months has, of late years, been seriously damaging the fall sown oat crop and to some extent, other small grains and peaches. The spring temperatures are most important, as only a few days difference in the maturing of early truck crops may mean good profits or heavy losses to the commercial vegetable growers. The March and April temperatures are, therefore, of great importance to most of our eastern trucking counties, as well as in the Sandhill peach sections.

Crop estimates are destined to be more and more influenced by the study and usage of weather data in relation to crop yields. This is done by using the yield in relation to weather data for as long a period of years as the information is available and approximating current probabilities, according to the findings.



This scene is on the state prison farm near Raleigh, where the state's young criminals were plowing the immense cotton fields. The white streak in the back ground is a dust cloud following a group of several plows in the right hand portion of the picture. About twenty-six of the state's farms were put under one management by Governor Gardner last year. Already many economies and better results have been achieved.

THE RELIABILITY OF STATE CROP ESTIMATES

COTTON	1922 Bales	1923 Bales	1924 Bales	1925 Bales	1926 Bales	1927 Bales	1928 Bales	1929 Bales	6 Year Average
Ginned—Running Bales	879,294	1,053,402	860,147	1,147,340	1,246,754	879,071	866,921	766,787	
Equivalent—500 lb. Bales	851,937	1,020,139	825,324	1,101,799	1,212,819	860,876	836,474	746,962	
Government Estimates									
September % of Final			100.0	102.7	93.7	105.8	116.0	126.1	105.9
October % of Final			87.6	104.4	98.9	98.2	110.6	111.8	101.7
November % of Final		99.0	93.3	98.0	99.8	98.2	105.8	101.7	99.4
December % of Final	100.0	100.0	92.7	98.9	103.1	99.7	100.4	98.4	99.2

TOBACCO	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	8 Year Average
Producers Warehouse Sales Season	265,513,000	311,273,000	231,926,000	341,904,000	370,280,000	472,408,000	484,103,000	481,456,650	
Net—(including 3% sold outside State)	274,513,000	395,192,000	274,884,000	381,091,000	383,945,000	485,683,000	500,000,000	500,714,916	
Government Estimates									
September	113.8	89.9	106.7	85.4	93.8	87.6	94.0	96.3	94.6
October	112.4	87.8	100.8	83.2	93.8	86.0	93.1	99.2	93.5
November	109.2	90.3	100.3	85.6	96.8	90.2	93.0	101.5	95.2
December	111.8	97.8	101.3	94.7	102.4	98.7	95.0	101.5	99.4

For related facts see pages 3, 4, 5, 10, 21, 23, 25, 34, 41

VALUE OF FARM LANDS IN NORTH CAROLINA Average Value Per Acre

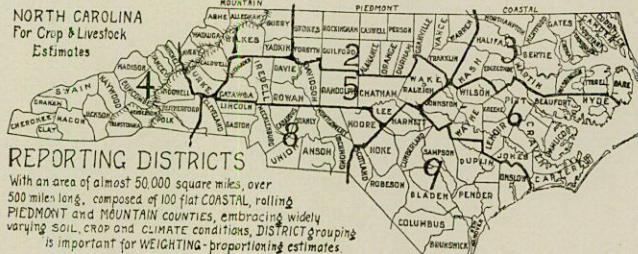
COUNTY	Per Cent Land Area in Farms	UNITED STATES CENSUS								ALL FARM LAND						All Plow Land		
		All Land				Land and Buildings				With Improvement			Without Improvements					
		1900	1910	1920	1925	1910	1920	1925	1928	1929	1930	1928	1929	1930	1928	1929	1930	
		%	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Alamance	74.4	5.93	11.09	25.34	24.20	16.99	34.39	37.20	36.00	33.00	26.00	27.00	27.00	25.00	47.00	45.00	41.00	
Alexander	78.5	6.80	13.97	26.87	29.28	18.20	33.71	39.44	45.00	43.00	40.00	32.00	32.00	30.00	47.00	47.00	45.00	
Alleghany	90.0	9.76	19.79	36.17	36.64	23.99	42.94	45.04	49.00	48.00	47.00	34.00	35.00	33.00	56.00	55.00	52.00	
Anson	68.4	4.89	13.93	29.99	25.50	18.73	38.75	35.08	56.00	53.00	41.00	32.00	31.00	29.00	61.00	61.00	59.00	
Ashe	91.8	11.10	21.86	39.94	39.73	25.79	45.78	49.59	55.00	54.00	48.00	39.00	37.00	36.00	61.00	61.00	59.00	
Avery	60.4			20.49	23.67		26.33	34.42	49.00	46.00	42.00	31.00	29.00	27.00	56.00	52.00	50.00	
Baileysboro	35.3	5.13	15.91	54.94	40.07	20.29	69.92	52.01	74.00	73.00	70.00	62.00	61.00	59.00	82.00	80.00	77.00	
Beaufort	51.5	3.38	12.36	39.56	35.69	16.99	48.46	45.91	54.00	49.00	47.00	38.00	35.00	33.00	59.00	60.00	58.00	
Bertie	36.0	2.53	7.68	22.66	20.60	10.94	29.07	28.11	48.00	46.00	44.00	30.00	30.00	27.00	45.00	46.00	43.00	
Bladen	27.9	1.98	4.56	10.43	10.66	6.45	13.98	15.78	42.00	39.00	34.00	27.00	24.00	22.00	51.00	50.00	46.00	
Brunswick	58.1	12.14	23.60	48.82	65.11	29.21	63.12	89.32	71.00	68.00	65.00	58.00	59.00	56.00	84.00	82.00	79.00	
Buncombe	48.8	7.23	13.82	23.53	35.13	18.75	30.40	47.82	45.00	46.00	44.00	34.00	33.00	31.00	61.00	55.00	54.00	
Burke	77.8	8.68	18.83	35.84	37.24	24.61	45.80	50.48	56.00	52.00	51.00	37.00	33.00	30.00	48.00	47.00	44.00	
Cabarrus	62.9	7.59	14.84	24.57	25.58	19.81	32.37	37.07	42.00	45.00	43.00	33.00	34.00	31.00	54.00	54.00	52.00	
Caldwell	39.5	8.09	16.99	38.73	38.17	23.95	51.47	48.35	67.00	63.00	56.00	43.00	42.00	39.00	75.00	74.00	72.00	
Camden	14.0	4.21	10.88	27.11	34.91	15.92	35.76	47.43	50.00	48.00	47.00	30.00	29.00	27.00	55.00	54.00	52.00	
Carteret	87.8	4.77	6.93	24.38	20.14	11.32	32.03	29.22	40.00	39.00	38.00	26.00	24.00	23.00	43.00	42.00	39.00	
Caswell	83.9	8.56	23.20	38.01	41.36	30.39	50.06	57.19	52.00	51.00	51.00	36.00	36.00	34.00	57.00	56.00	55.00	
Catawba	72.1	3.99	7.75	20.02	16.88	11.59	26.29	25.11	41.00	40.00	36.00	26.00	22.00	20.00	35.00	35.00	34.00	
Chatham	73.3	3.76	6.66	11.23	14.06	8.56	14.77	18.50	57.00	54.00	50.00	33.00	30.00	30.00	57.00	53.00	49.00	
Cherokee	52.8	6.80	20.85	42.60	58.46	28.02	54.83	76.45	55.00	55.00	52.00	43.00	39.00	38.00	69.00	68.00	64.00	
Chowan	42.8	4.63	8.43	25.48	17.75	10.84	30.30	22.72	52.00	52.00	50.00	30.00	28.00	27.00	55.00	52.00	50.00	
Clay	82.1	9.72	26.19	57.12	62.12	33.85	69.98	77.91	63.00	62.00	64.00	48.00	49.00	50.00	74.00	73.00	71.00	
Cleveland	37.7	3.23	11.41	28.91	27.66	15.23	38.24	39.47	60.00	58.00	54.00	44.00	41.00	40.00	67.00	64.00	59.00	
Columbus	33.9	5.05	15.10	55.15	38.30	18.90	68.69	49.84	54.00	54.00	52.00	38.00	36.00	35.00	62.00	61.00	60.00	
Craven	42.9	4.28	14.66	44.18	34.78	18.94	57.94	48.07	64.00	64.00	61.00	43.00	42.00	39.00	61.00	59.00	56.00	
Cumberland	30.9	6.95	17.98	31.17	39.32	25.55	42.22	54.50	62.00	64.00	61.00	45.00	44.00	42.00	69.00	67.00	66.00	
Currituck	2.2	6.11	11.58	15.88	14.27	25.66	27.72	25.31	51.00	51.00	48.00	34.00	33.00	30.00	60.00	56.00	53.00	
Dare	83.3	7.59	18.69	36.76	40.60	24.48	44.74	53.48	59.00	57.00	56.00	43.00	41.00	40.00	58.00	58.00	57.00	
Davidson	87.5	7.78	15.38	31.04	33.34	20.51	39.34	43.47	46.00	45.00	43.00	38.00	39.00	35.00	52.00	54.00	52.00	
Davie	56.0	4.18	11.23	44.76	30.42	15.28	56.45	43.09	61.00	56.00	52.00	41.00	36.00	33.00	66.00	60.00	55.00	
Duplin	60.2	6.87	15.83	33.63	36.31	22.46	44.97	52.66	36.00	37.00	35.00	30.00	26.00	24.00	43.00	44.00	40.00	
Edgecombe	65.2	6.83	19.33	78.12	59.69	26.07	93.93	75.42	63.00	64.00	59.00	43.00	41.00	40.00	56.00	55.00	54.00	
Forsyth	85.3	9.81	24.51	58.15	62.98	32.06	72.90	83.36	64.00	65.00	63.00	48.00	46.00	44.00	63.00	63.00	62.00	
Franklin	67.9	5.81	13.01	53.36	32.81	18.15	67.08	47.34	48.00	45.00	44.00	36.00	32.00	30.00	55.00	51.00	49.00	
Gaston	70.4	9.87	28.76	48.93	55.40	38.03	62.39	74.44	60.00	59.00	59.00	45.00	44.00	43.00	69.00	64.00	61.00	
Gates	44.9	4.89	13.73	34.48	30.45	19.86	44.04	44.49	47.00	46.00	44.00	32.00	30.00	28.00	49.00	48.00	46.00	
Graham	27.0	2.63	6.35	13.52	16.13	8.24	16.54	20.25	42.00	40.00	39.00	22.00	21.00	21.00	52.00	49.00	48.00	
Granville	87.5	5.13	9.97	33.06	23.88	15.63	43.42	36.30	43.00	41.00	39.00	25.00	23.00	22.00	48.00	46.00	43.00	
Greene	67.1	8.67	26.00	121.66	66.25	33.42	147.29	83.53	76.00	74.00	69.00	56.00	56.00	51.00	83.00	82.00	75.00	
Guilford	73.3	6.92	17.54	43.33	48.96	24.20	55.01	66.09	65.00	64.00	61.00	48.00	49.00	45.00	69.00	65.00	61.00	
Halifax	71.7	5.48	13.30	48.34	36.81	17.80	62.15	47.75	49.00	48.00	46.00	35.00	33.00	31.00	45.00	46.00	43.00	
Harnett	52.8	4.59	12.18	47.85	41.46	16.81	62.43	54.22	65.00	66.00	63.00	41.00	41.00	39.00	62.00	59.00	57.00	
Haywood	54.2	7.70	21.48	40.95	39.41	27.04	50.19	51.46	54.00	53.00	51.00	36.00	36.00	35.00	55.00	56.00	54.00	
Henderson	54.3	9.05	16.95	30.19	43.54	23.58	44.64	65.32	59.00	60.00	57.00	49.00	50.00	47.00	69.00	65.00	64.00	
Hertford	66.7	5.61	17.20	45.46	39.44	23.62	53.73	50.13	49.00	50.00	47.00	34.00	32.00	30.00	60.00	56.00	53.00	
Hoke	52.5			56.82	48.88		74.17	62.92	62.00	61.00	58.00	44.00	41.00	38.00	65.00	61.00	58.00	
Hyde	17.6	11.70	21.96	49.20	43.69	27.13	57.91	54.48	71.00	70.00	69.00	56.00	54.00	54.00	84.00	81.00	79.00	
Iredell	84.0	7.19	17.93	37.86	35.25	23.87	48.14	48.37	52.00	52.00	50.00	35.00	34.00	32.00	55.00	54.00	51.00	
Jackson	49.3	4.21	10.19	18.09	19.59	14.19	23.00	27.15	53.00	49.00	47.00	29.00	26.00	25.00	55.00	55.00	52.00	
Johnston	73.0	7.14	19.78	71.97	52.21	25.76	89.73	68.33	71.00	68.00	65.00	53.00	48.00	44.00	71.00	70.00	65.00	
Jones	44.0	3.84	8.14	37.70	29.29	10.58	46.08	38.77	48.00	47.00	44.00	29.00	27.00	25.00	52.00	50.00	46.00	
Lee	69.1		10.36	31.09	32.41	15.29	40.82	47.78	45.00	43.00	40.00	29.00	29.00	26.00	41.00	40.00	39.00	
Lenoir	67.5	7.53	19.32	93.71	53.83	24.92	111.46	71.58	68.00	67.00	64.00	42.00						

DISTRICTS		JULY				OCTOBER				JANUARY				APRIL			
		By month with board	By Mo. with-out board	By day with board	By day with-out board	By month with board	By Mo. with-out board	By day with board	By day with-out board	By month with board	By Mo. with-out board	By day with board	By day with-out board	By month with board	By Mo. with-out board	By day with board	By day with-out board
1. North. Mountain	1928	\$ 33.00	\$ 45.00	\$ 1.57	\$ 2.03	\$ 30.00	\$ 42.00	\$ 1.55	\$ 2.02	\$ 30.00	\$ 42.00	\$ 1.61	\$ 2.03	\$ 29.00	\$ 41.00	\$ 1.60	\$ 2.07
	1929	27.00	40.00	1.41	1.82	29.00	42.00	1.57	1.89	29.00	42.00	1.45	1.87	30.00	42.00	1.55	2.00
	1930									27.00	39.00	1.50	1.87	28.00	39.00	1.36	1.83
2. North. Piedmont	1928	26.00	37.00	1.51	1.96	26.00	37.00	1.68	2.21	30.00	43.00	1.60	2.18	27.00	40.00	1.56	2.12
	1929	25.00	37.00	1.56	1.87	29.00	38.00	1.68	2.19	27.00	39.00	1.61	2.04	28.00	38.00	1.51	2.15
	1930									25.00	36.00	1.56	2.03	25.00	32.00	1.43	1.85
3. North. Coastal	1928	27.00	36.00	1.47	1.81	27.00	38.00	1.43	1.78	27.00	37.00	1.40	1.79	24.00	35.00	1.38	1.77
	1929	26.00	36.00	1.31	1.69	30.00	35.00	1.33	1.71	31.00	46.00	1.33	1.77	22.00	35.00	1.32	1.66
	1930									25.00	35.00	1.36	1.67	22.00	30.00	1.09	1.38
4. West. Mountain	1928	30.00	47.00	1.66	2.19	30.00	44.00	1.75	2.15	28.00	42.00	1.53	2.02	29.00	43.00	1.57	2.05
	1929	31.00	44.00	1.51	2.00	37.00	46.00	1.52	1.98	27.00	41.00	1.57	2.07	29.00	48.00	1.58	1.95
	1930									29.00	42.00	1.50	1.97	24.00	38.00	1.30	1.75
5. Central Piedmont	1928	29.00	41.00	1.48	1.91	30.00	40.00	1.35	1.90	32.00	47.00	1.40	1.94	27.00	39.00	1.38	1.86
	1929	28.00	39.00	1.25	1.75	27.00	39.00	1.45	1.90	26.00	39.00	1.45	1.89	26.00	36.00	1.30	1.75
	1930									26.00	37.00	1.33	1.82	24.00	35.00	1.25	1.60
6. Central Coastal	1928	26.00	38.00	1.31	1.71	27.00	36.00	1.28	1.79	26.00	37.00	1.34	1.76	28.00	34.00	1.35	1.72
	1929	27.00	39.00	1.34	1.75	24.00	35.00	1.30	1.73	23.00	35.00	1.25	1.66	25.00	39.00	1.39	1.79
	1930									24.00	34.00	1.16	1.62	21.00	30.00	1.15	1.40
8. South. Piedmont	1928	24.00	37.00	1.27	1.70	25.00	38.00	1.25	1.55	26.00	36.00	1.40	1.79	25.00	34.00	1.28	1.72
	1929	24.00	36.00	1.24	1.52	30.00	44.00	1.24	1.61	24.00	38.00	1.31	1.73	24.00	35.00	1.33	1.72
	1930									23.00	33.00	1.25	1.64	28.00	31.00	1.18	1.50
9. South. Coastal	1928	25.00	38.00	1.20	1.61	29.00	42.00	1.20	1.60	25.00	38.00	1.11	1.87	22.00	35.00	1.19	1.58
	1929	24.00	34.00	1.18	1.53	23.00	33.00	1.17	1.50	25.00	34.00	1.22	1.57	25.00	37.00	1.16	1.52
	1930									21.00	32.00	1.02	1.40	21.00	31.00	1.05	1.40
State Average	1928	27.50	38.00	1.45	1.85	27.75	39.25	1.50	1.90	28.00	40.00	1.47	1.92	27.00	37.00	1.40	1.85
	1929	26.75	38.25	1.35	1.75	28.75	39.25	1.40	1.80	27.00	40.00	1.40	1.85	26.25	38.50	1.40	1.80
	1930									25.10	36.28	1.34	1.75	24.00	33.50	1.25	1.65
South Atlantic	1928	25.38	37.00	1.33	1.75	25.43	35.78	1.38	1.78	25.00	36.00	1.31	1.74	28.89	35.20	1.31	1.72
States Average	1929	24.98	35.77	1.31	1.70	25.22	36.02	1.32	1.71	24.47	35.18	1.29	1.69	24.20	35.10	1.28	1.66
	1930																
United	1928	35.39	50.00	1.84	2.39	35.75	49.60	1.96	2.51	33.00	47.00	1.76	2.34	34.46	48.44	1.78	2.34
States Average	1929	36.08	50.53	1.89	2.43	35.90	50.00	1.92	2.46	33.04	47.24	1.78	2.34	34.68	49.00	1.79	2.34
	1930																

* The figures in the table above show the comparisons of the average wages paid, by farmers, for hired farm labor in different sections of North Carolina and United States. The district map accompanying shows the counties included in each of the nine districts shown.

COST OF PRODUCING CROPS

No feature of farming is more important than a knowledge of how to determine and how to use cost factors in crop production. The items to be considered covering the six important crops for North Carolina for the past three years are shown above. It will be worth any one's time to give this careful study.



FARM WAGES

The average farmer in North Carolina pays a wage according to the prevailing prices of his community. He seldom knows what is paid elsewhere. The table at the top of the page offers an idea of wages paid in the different parts of the State during the past three years by quarterly periods.

COST OF PRODUCING CROPS IN NORTH CAROLINA

PER ACRE COSTS AND VALUE OF CROP	Corn			Wheat			Oats			Irish Potatoes			Cotton				Tobacco	
	1927	1928	1929	1927	1928	1929	1927	1928	1929	1927	1928	1929	1926	1927	1928	1929	1928	1929
1. Commercial fertilizer	\$ 4.21	\$ 5.02	\$ 4.12	\$ 3.52	\$ 3.45	\$ 3.15	\$ 2.81	\$ 3.04	\$ 2.50	\$ 20.34	\$ 22.24	\$ 16.59	\$ 8.65	\$ 9.93	\$ 9.54	\$ 9.00	\$ 14.74	\$ 13.87
2. Manure and compost	1.14	1.54	1.87	.97	1.11	1.38	.41	.74	.77	2.46	1.20	1.67	1.50	1.40	.96	1.36	—	2.19
3. Seed and plants	.37	.42	.45	2.03	2.08	2.00	1.89	2.01	1.97	15.25	16.59	13.76	1.27	1.18	1.40	1.19	3.40	3.07
4. Sheets, containers, etc.	.18	.13	.06	.46	.29	.29	.45	.24	.28	8.15	8.53	5.20	.53	.67	.69	.30	.98	.72
5. Threshing	—	—	—	2.19	2.38	1.81	2.16	2.22	1.81	—	—	—	—	—	—	—	—	—
6. Ginnings, bags, ties	.04	—	.02	—	—	.02	—	—	—	—	—	—	3.43	3.30	2.83	2.30	—	—
7. Crop insurance	.85	.77	.88	.78	.76	.81	.75	.75	.66	.58	1.06	.72	.07	.15	.03	.05	1.94	.90
8. Damage to implements	.52	.55	.53	.31	.27	.26	.27	.19	.22	.22	.17	.11	1.08	1.21	.94	1.25	1.36	1.96
9. Damage to buildings	3.82	3.87	3.74	3.77	3.23	3.74	3.27	2.89	3.19	4.27	3.70	4.74	.56	.91	.53	.52	4.85	5.50
10. Preparing ground	1.05	.94	1.05	1.03	.95	1.01	.96	.88	.94	3.96	2.45	3.35	1.22	1.39	1.07	1.43	6.69	5.65
11. Planting or sowing	—	—	—	—	.04	—	—	.02	—	2.44	1.07	.72	.35	.36	.30	.16	2.00	1.33
12. Spraying, dusting, etc.	3.98	4.20	4.31	.16	.01	.14	.10	.10	.12	3.83	4.34	3.64	7.76	7.25	6.97	6.80	10.45	11.00
13. Cultivation	3.24	3.00	3.07	2.19	2.28	2.25	2.18	2.10	2.29	11.33	7.98	9.00	11.72	10.71	10.80	7.98	32.14	34.00
14. Harvesting	2.12	1.81	2.00	1.22	1.10	1.38	1.32	1.01	1.39	5.35	4.54	5.14	1.88	1.62	1.28	1.13	4.48	3.84
15. Haul to market	.94	1.04	1.29	1.05	.92	1.03	1.08	.83	.90	1.35	.96	1.68	.93	1.32	1.48	1.43	4.69	5.72
16. Overhead	.13	.21	.11	.08	.07	.02	.08	.11	.13	.15	.05	.05	.23	.39	.37	.06	3.10	2.90
17. Other costs not shown	6.90	7.23	7.35	6.00	6.27	6.20	6.07	5.40	6.29	10.36	9.28	7.25	10.28	9.60	9.59	8.21	13.67	9.33
18. What land cash rents for	29.49	30.73	30.86	25.76	25.21	25.49	23.82	22.43	23.46	90.81	84.14	73.62	55.80	56.06	53.51	47.47	108.52	105.38
19. Total Cost per Acre	29.49	30.73	30.86	25.76	25.21	25.49	23.82	22.43	23.46	90.81	84.14	73.62	55.80	56.06	53.51	47.47	108.52	105.38
20. Yield per Acre	.29	.27	.28	.15	.13	.14	.28	.22	.27	.91	.91	1.12	3.55	3.41	2.98	2.68	7.87	6.63
21. Cost per bushel or pound	1.02	1.14	1.10	1.72	1.94	1.82	.85	1.02	.87	1.00	.92	.66	.16	.16	.18	.18	.14	.16
22. Price received for product	.94	1.09	1.05	1.49	1.49	1.41	.74	.82	.80	1.53	.64	1.20	.12	.20	.19	.17	.17	.19
23. Value of product per acre	27.57	28.75	29.56	21.88	19.01	19.92	20.61	17.67	22.05	135.92	58.86	130.74	41.18	66.95	55.62	44.80	133.80	125.97
24. Value of by-product	3.95	3.52	3.23	2.66	2.64	2.32	2.91	2.81	2.34	—	—	.28	6.38	10.32	8.97	6.61	—	—
25. Value of land	77.00	88.00	78.00	81.00	100.00	77.00	82.00	103.00	64.00	102.00	107.00	75.00	76.00	76.00	80.00	68.00	85.71	64.90
26. Land tax	1.33	1.74	1.34	1.14	1.47	1.13	1.25	1.63	1.28	1.61	2.70	1.42	2.64	1.59	1.72	1.45	1.20	1.18
27. Net cost per acre	25.54	27.21	27.63	23.10	22.57	23.17	20.91	19.62	21.12	90.81	84.14	73.34	49.42	45.74	44.54	40.86	108.52	105.38
28. Profit or loss	+2.03	+1.54	+1.93	-1.22	-3.56	-3.25	-.30	-.95	+.93	+45.11	-25.28	+57.40	-.84	+21.21	+11.08	+3.94	+25.28	+20.59

NOTE: The cost of production figures shown above were taken from the actual figures reported by a large number of farmers distributed over North Carolina. These are not intended to represent average cost but rather the distribution of cost items in relation to their total values for different years. The Crop Reporting Service would welcome criticisms of any item that seems unreasonable. These costs are naturally higher than the average farm for the reason that they are supposed to come from the more progressive class of farmers.

EXPLANATION OF ITEMS:

4. This item includes twine, sacks, sheeting, barrels, crates and other materials used in harvesting these crops.

9. Buildings, like implements, have to be replaced through depreciation and so enter into farm storage costs which are usually overlooked.

11. This item includes preparing seed or plants for planting and replanting.

14. This includes cutting, shocking, stacking, shucking, picking, digging, tying, curing and fire wood.

15. Includes work in preparing product for and hauling to market which is not included previously.

16. Few farmers appreciate the meaning of "overhead" and consequently underestimate it. This includes repairing fences, road-ways, telephone, ditching and other general farm expenses, including unallotted supervision.

18. This item includes the value that the particular cultivated land in question would bring if rented out. It is included to represent the interest on the land investment.

24. By-products include such items as: corn stover, fodder, tops, straw of grain, and cotton-seed.

CROP AND LIVESTOCK SUMMARY FOR UNITED STATES

STATES	Value Per Acre All Crops		Acreage All Crops		Value All Crops		Acreage All Crops (Estimated)				Value All Crops (Estimated)			
	1928	1929	1919 Census (000)	1924 Census (000)	1919 Census (000)	1924 Census (000)*	1926 (000)	1927 (000)	1928 (000)	1929 (000)	1926 (000)	1927 (000)	1928 (000)	1929 (000)
Maine	26	54	1,530	1,605	100,162	32,796	1,657	1,652	1,602	1,586	\$ 81,139	\$ 63,108	\$ 41,074	\$ 85,093
New Hampshire	26	29	508	523	23,510	10,196	556	551	512	513	19,549	18,570	13,184	14,789
Vermont	26	28	1,143	1,127	48,000	22,930	1,125	1,223	1,123	1,126	42,130	36,635	29,343	31,471
Massachusetts	56	62	561	625	53,701	22,504	669	660	566	566	45,310	44,444	31,706	34,911
Rhode Island	45	50	61	69	5,340	2,204	74	71	59	59	4,594	3,780	2,671	2,952
Connecticut	63	70	458	497	44,473	25,072	544	544	476	470	37,333	36,452	29,817	32,867
New York	28	30	8,142	8,290	417,047	172,141	8,375	8,414	7,552	7,562	284,877	259,286	210,891	227,423
New Jersey	63	72	994	908	87,484	32,540	798	795	795	797	53,120	50,029	49,962	57,131
Pennsylvania	28	31	7,871	7,284	409,969	196,586	7,371	7,340	7,048	6,999	260,295	249,456	196,470	215,517
Ohio	23	24	11,780	10,703	607,038	240,972	10,980	10,723	10,649	10,904	300,703	267,737	246,659	261,900
Indiana	21	20	11,849	10,616	497,230	206,698	11,084	10,682	10,329	10,704	224,994	213,510	213,726	218,403
Illinois	22	21	20,370	19,755	864,738	447,250	20,386	19,759	20,311	20,510	391,357	387,514	446,974	433,419
Michigan	25	24	9,168	8,502	404,015	153,585	8,876	8,909	8,400	8,342	251,160	226,541	208,564	198,381
Wisconsin	26	26	9,590	9,538	445,348	185,639	10,558	10,564	9,657	9,714	301,225	305,101	250,150	253,733
Minnesota	16	18	16,363	17,930	506,020	308,232	18,613	18,613	17,636	17,873	325,980	323,321	284,843	319,227
Iowa	23	23	20,420	21,466	890,391	420,064	22,241	22,110	22,023	22,095	441,026	486,924	496,934	510,933
Missouri	19	18	15,418	13,721	559,048	249,121	14,580	13,931	14,104	13,703	276,399	267,733	269,136	252,720
North Dakota	11	9	19,422	19,877	301,783	284,550	20,264	20,563	20,861	20,747	192,304	278,900	236,963	183,039
South Dakota	10	11	14,655	15,793	311,007	188,497	13,907	16,595	15,794	17,096	121,769	242,886	160,155	185,555
Nebraska	16	16	18,936	19,810	519,730	314,493	20,089	20,934	20,415	20,957	254,403	378,819	323,524	343,707
Kansas	16	13	21,908	22,382	588,923	374,397	23,197	23,747	22,932	23,022	333,387	360,754	373,129	304,676
Delaware	38	42	448	404	23,059	11,418	389	381	296	393	14,522	16,214	15,015	16,485
Maryland	33	37	1,988	1,778	110,166	49,544	1,802	1,818	1,791	1,781	69,772	71,828	59,896	65,688
Virginia	36	40	4,579	3,969	292,824	139,445	4,551	4,557	4,220	4,077	168,995	181,134	153,481	164,384
West Virginia	34	34	1,891	1,677	96,537	42,466	1,836	1,866	1,737	1,733	74,027	70,546	58,909	59,282
North Carolina	43	41	5,850	5,575	503,229	236,583	7,404	7,376	7,134	7,116	320,457	344,707	308,088	291,177
South Carolina	27	31	5,397	4,311	437,122	140,297	5,415	5,548	5,261	5,002	140,344	166,948	141,611	154,453
Georgia	22	23	10,469	8,128	540,614	207,191	9,913	9,852	10,363	10,653	211,804	260,326	225,079	244,043
Florida	86	82	1,235	1,369	80,257	21,833	956	966	1,278	1,310	85,815	93,752	109,519	106,808
Kentucky	36	36	6,303	5,184	347,339	164,840	5,603	5,479	5,362	5,407	174,083	172,472	193,151	193,404
Tennessee	28	30	6,786	6,209	318,285	171,879	7,391	6,885	6,521	6,723	180,577	185,694	184,488	203,096
Alabama	25	25	7,265	6,641	304,349	181,026	7,924	7,811	7,818	7,924	173,263	225,468	195,219	199,975
Mississippi	33	39	6,359	5,662	336,207	177,006	6,492	6,174	6,684	6,733	188,211	227,948	220,817	261,858
Arkansas	29	30	6,465	6,227	340,813	198,021	7,605	6,718	7,073	7,122	186,176	197,143	208,444	214,368
Louisiana	34	36	3,924	3,485	206,182	106,611	4,411	4,052	4,546	4,576	135,623	150,020	154,472	164,820
Oklahoma	18	16	15,132	14,549	550,085	330,160	17,097	15,684	15,771	15,527	303,206	280,172	289,236	248,622
Texas	22	20	25,028	27,075	1,071,542	756,106	33,089	32,236	30,406	31,217	626,510	737,535	755,715	610,539
Montana	16	12	3,812	6,416	69,975	95,933	7,784	8,655	7,688	7,922	112,729	159,362	120,713	92,746
Idaho	31	35	2,706	2,579	126,495	53,566	2,875	3,103	2,913	2,923	93,876	108,264	91,222	103,661
Wyoming	17	20	1,154	1,573	30,271	18,889	1,856	1,956	1,846	1,918	30,281	31,432	31,636	37,882
Colorado	18	22	5,053	5,948	181,065	90,779	6,981	7,156	6,122	6,237	108,838	115,383	111,685	137,173
New Mexico	25	27	1,132	1,346	40,620	24,926	1,650	1,251	1,221	1,413	34,805	29,475	30,230	38,158
Arizona	75	76	442	457	42,481	23,740	611	648	634	670	26,492	33,425	47,332	50,724
Utah	34	33	1,030	1,025	58,067	26,603	1,122	1,150	1,160	1,182	36,581	37,159	39,659	39,139
Nevada	25	29	389	363	13,980	8,456	410	414	408	406	9,047	8,122	10,226	11,880
Washington	37	40	4,002	3,263	227,212	91,951	4,041	4,112	3,623	3,800	147,382	176,182	134,544	150,619
Oregon	32	34	2,803	2,592	131,885	57,875	3,378	3,448	2,776	2,834	89,356	107,081	88,687	97,373
California	94	104	5,757	5,723	589,757	154,884	6,116	6,147	5,110	5,175	452,361	479,778	479,964	539,145
United States	24	24	348,546	344,549	14,755,365	7,472,495	374,647	373,823	362,706	367,119	8,438,457	9,168,470	8,572,913	8,664,699

* Value of crops with production reported in 1924 which in 1919 was 93% of the total potential value of crop production. This column should

Those familiar with the laws of supply and demand or the effect of production on prices, realize that not only local but State, National and even world conditions influence the prices paid for certain commodities. This is an important reason why the table above is given to show not only North Carolina's relation of crop acreages and values with other States but also the rank which each State has in its crop and livestock values.

The first column shows the value per acre of all crops. The North Carolina

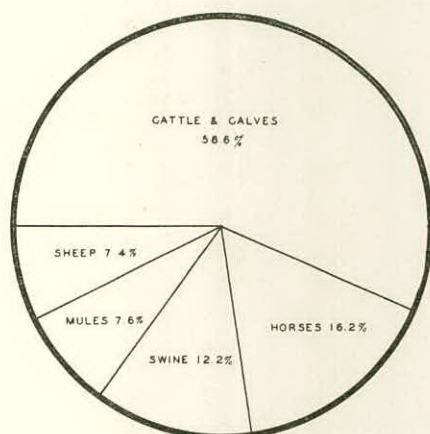
data are printed in black faced type. By comparing this with other States it shows that we have a very high rank in the value per acre of crops. If, in comparison with this, the actual cost of production was available, it is quite probable that the North Carolina rank would be quite low instead of so high. It is not the gross value but the net value or profit of farm products which really counts.

In a study of the acreage of all crops, it is observed that we rank twenty-fifth. In comparison with other States, North Carolina has a relatively low percentage of its land in cultivation. For a study

of the individual counties within the State, the table on page 23 will prove interesting in this respect.

The value of crops is determined by the sum value of all crops reckoned by the Crop Reporting Board on December 1st. Of course, the value per acre is a derived figure from the value in relation to acreage.

It will be noted that we have given two sets of acreages and values for crops. The first of these is selected from the Federal Census, taken in 1919 and 1924. The second group represents the estimated results for 1926 through 1929.



This circle graph illustrates the distribution of livestock values for the United States.



This is a usual mountain valley scene with the fenced in hay stacks, and the livestock grazing on the meadow land.

For related facts see pages 1, 3, 4, 14, 21, 32, 34

CROP AND LIVESTOCK SUMMARY FOR UNITED STATES

Rank in Value All Crops				Total Value of All Livestock Thousands (000) Omitted		Livestock Rank In Total Value		Rank of Livestock Values by Types						Total Value All Crops and Live- stock Combined Dollars (000) omitted		Rank in Value All Crops and Livestock		STATES
1919 Census	1927	1928	1929	January 1929	January 1930	1929	1930	Horses	Mules	All Cattle	Milk Cattle	Sheep	Swine	1928	1929	1928	1929	
				\$	\$													
33	36	38	34	26,000	28,000	41	41	27	--	42	37	34	41	67,074	113,093	42	35	Maine
45	45	46	46	14,000	14,000	46	46	42	--	46	39	41	43	27,184	28,789	46	46	New Hampshire
40	40	44	44	40,000	42,000	37	36	30	--	28	19	35	42	69,343	73,471	41	42	Vermont
39	38	40	42	25,000	26,000	43	43	39	--	38	27	43	37	56,706	60,911	43	43	Massachusetts
48	48	48	48	4,000	5,000	48	48	48	--	48	47	48	48	6,671	7,952	48	48	Rhode Island
41	41	43	43	22,000	22,000	45	45	40	--	41	34	44	44	51,817	54,867	44	44	Connecticut
16	15	17	15	250,000	250,000	7	7	6	33	4	2	26	30	460,891	477,423	11	9	New York
35	37	36	37	26,000	28,000	42	42	31	35	39	30	46	38	75,962	85,131	40	41	New Jersey
17	16	20	17	181,000	187,000	14	11	9	19	9	5	28	16	377,470	402,517	16	12	Pennsylvania
4	12	12	9	216,000	215,000	10	10	5	22	10	8	10	9	462,659	476,900	10	10	Ohio
13	21	16	16	183,000	180,000	12	14	10	16	15	9	19	7	396,726	398,403	13	13	Indiana
3	4	4	4	287,000	290,000	6	6	2	13	8	6	21	3	733,974	723,419	3	3	Illinois
18	19	18	21	182,000	180,000	13	13	8	34	13	7	11	18	390,564	378,381	14	14	Michigan
14	9	11	11	314,000	317,000	4	3	4	36	2	1	29	10	564,150	570,733	8	7	Wisconsin
11	8	9	6	302,000	303,000	5	5	3	30	5	3	20	4	586,843	622,227	7	6	Minnesota
2	2	2	3	493,000	500,000	1	1	1	17	1	4	12	1	989,934	1,010,033	2	1	Iowa
7	13	10	12	239,000	222,000	9	9	14	8	11	10	18	5	508,136	474,720	9	11	Missouri
25	11	13	24	111,000	110,000	19	19	15	37	18	17	23	13	347,963	293,039	17	21	North Dakota
23	17	24	23	175,000	170,000	15	15	13	29	14	15	16	6	335,155	355,555	18	17	South Dakota
10	5	6	5	317,000	313,000	3	4	7	18	6	14	15	2	640,524	656,707	5	5	Nebraska
6	6	5	7	242,000	234,000	8	8	11	14	7	13	27	8	615,129	538,676	6	8	Kansas
46	46	45	45	8,000	8,000	47	47	47	31	47	45	47	46	23,015	24,485	47	47	Delaware
32	34	34	35	38,000	39,000	38	38	28	23	35	24	32	34	97,896	104,688	39	39	Maryland
26	24	26	26	79,000	82,000	26	22	18	15	21	20	25	25	232,481	246,384	27	26	Virginia
34	35	35	36	51,000	51,000	35	35	24	27	30	31	24	35	109,909	110,482	36	36	West Virginia
12	7	7	8	80,000	77,000	25	24	29	3	34	23	33	14	388,088	368,177	15	16	North Carolina
15	27	27	27	35,000	36,000	39	39	44	10	45	41	45	28	176,611	190,513	30	30	South Carolina
9	14	14	14	76,000	77,000	27	25	43	2	33	32	40	11	301,079	321,043	19	19	Georgia
36	33	31	30	23,000	25,000	44	44	46	20	44	44	39	29	132,519	131,808	33	33	Florida
19	26	22	22	99,000	99,000	20	20	20	9	20	18	13	22	292,151	292,404	20	22	Kentucky
22	23	23	19	92,000	95,000	22	21	22	6	22	21	30	20	276,488	298,096	22	20	Tennessee
24	20	21	20	67,000	66,000	29	30	41	4	36	33	37	17	260,219	265,975	24	24	Alabama
21	18	15	10	66,000	68,000	31	28	35	5	31	25	42	24	286,817	329,858	21	18	Mississippi
20	22	19	18	62,000	64,000	33	31	34	7	32	26	38	21	270,444	278,368	23	23	Arkansas
28	29	25	25	43,000	41,000	36	37	37	12	40	38	36	27	197,472	205,820	29	29	Louisiana
8	10	8	13	132,000	125,000	16	16	17	11	16	16	31	15	421,236	373,622	12	15	Oklahoma
1	1	1	1	389,000	366,000	2	2	12	1	3	12	1	12	1,144,715	976,539	1	2	Texas
37	28	29	33	131,000	119,000	17	17	19	38	19	35	2	26	251,713	211,746	25	27	Montana
31	31	32	31	74,000	67,000	28	29	26	39	29	36	8	31	165,222	170,661	32	32	Idaho
44	43	41	41	93,000	78,000	21	23	32	40	25	42	5	36	124,636	115,882	34	34	Wyoming
29	30	30	29	127,000	117,000	18	18	21	25	17	29	4	23	238,685	254,173	26	25	Colorado
43	44	42	40	80,000	70,000	24	27	36	26	24	43	9	39	110,230	108,138	35	37	New Mexico
42	42	37	38	60,000	57,000	34	33	38	32	23	46	17	47	107,332	107,724	37	38	Arizona
38	39	39	39	65,000	54,000	32	34	33	41	37	40	6	40	104,659	93,139	38	40	Utah
47	47	47	47	34,000	28,000	40	40	45	42	43	48	14	45	44,226	39,880	45	45	Nevada
27	25	28	28	66,000	61,000	30	32	23	24	27	22	22	32	200,544	211,619	28	28	Washington
30	32	33	32	86,000	75,000	23	26	25	28	26	28	7	33	174,687	172,373	31	31	Oregon
5	3	3	2	201,000	182,000	11	12	16	21	12	11	3	19	680,964	721,145	4	4	California
				6,006,000	5,865,000									14,578,913	14,527,689			United States

have 7% added to be comparable with the 1919 column.

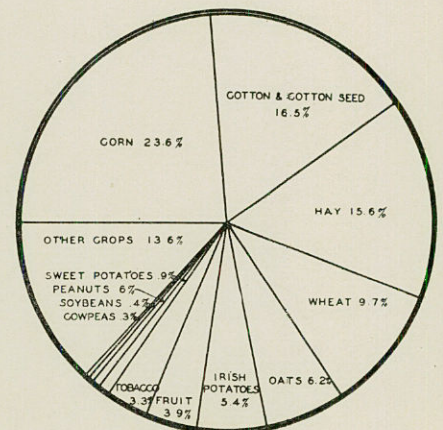
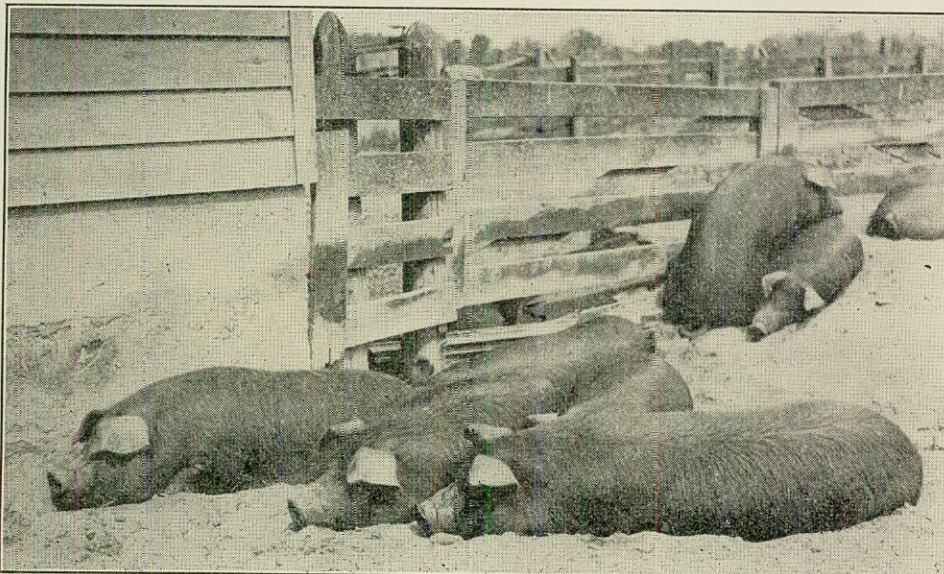
In studying the agricultural results of the various States of the Union, it is found that those having the best soils and the best living conditions have a large percentage of their farming activities given over to livestock production. Livestock act as machinery for converting raw crops into finished products. The resulting livestock do not have to be sold at a definite time of the year, like many of the cash crops, but may be produced and sold, according to well planned arrangements, whereby the best prices might be obtained.

Probably the greatest weakness in our North Carolina farming is the shortage of livestock in our agricultural program. The average farmer in cotton and tobacco counties thinks that cash crops are essential to farm prosperity and that livestock are more of a handicap than otherwise. At the same time, they forget that livestock offer an outlet for crops which might otherwise have poor, if any, sale value.

A definite idea of North Carolina's rank in livestock production is shown in several of the columns above. The rank of North

Carolina in the total value of livestock is given at nineteenth for 1930. The rank for individual classes of livestock is also shown. Our highest rank is that of swine, in which we stand thirteenth.

The real situation in the State is shown in the rank and value of both crops and livestock in the last column in which we are sixteenth. By growing such a small proportion of livestock, which is less than one-fourth of the value of crops, it is necessary to pay out a large proportion of the returns from the crops to meet the livestock deficiency.

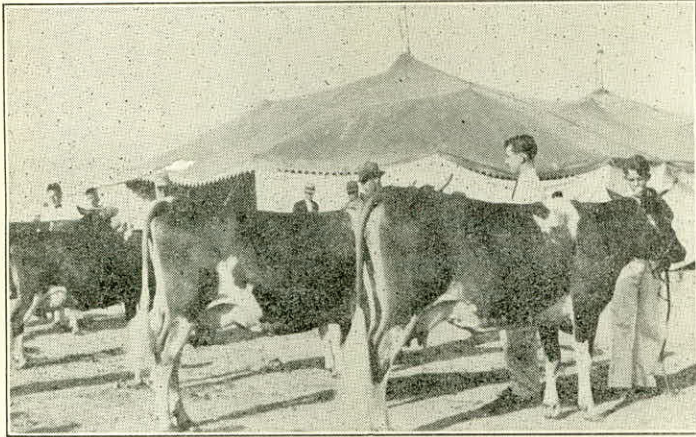


This shows in a slice way the distribution of crop values in the United States.

NORTH CAROLINA LIVESTOCK (REPORTED BY ASSESSORS)

DISTRICTS AND COUNTIES	Acres in Land			Horses			Mules			Cattle (Other than Milk)		
	1927	1928	1929	1927	1928	1929	1927	1928	1929	1927	1928	1929
DISTRICT 1												
Alleghany	118,715	146,207	144,690	1,512	1,351	1,480	300	253	237	4,011	4,766	4,454
Ashe	273,079	272,916	271,897	3,216	3,165	2,695	417	334	280	8,168	9,657	9,281
Avery	136,432	131,284	128,736	939	878	848	274	227	209	1,578	1,813	1,776
Caldwell	257,856	264,609	268,134	1,049	1,008	954	1,274	1,281	1,172	1,403	2,053	2,029
Curry	340,159	346,176	332,847	1,259	1,183	1,126	3,731	3,700	3,608	1,849	2,269	2,201
Watauga	197,882	249,634	203,120	1,642	1,632	1,577	418	368	315	3,482	4,605	4,892
Wilkes	467,696	468,979	474,269	1,821	1,780	1,667	2,819	2,566	2,525	3,114	3,688	4,064
Yadkin	205,234	209,827	206,935	1,036	953	945	2,281	2,369	2,363	974	1,408	1,471
Northern Mountain (NW)	1,997,053	2,089,632	2,030,629	12,474	11,950	11,292	11,514	11,098	10,709	24,579	30,259	30,168
DISTRICT 4—Buncombe*												
Burke*	333,331	336,537	338,248	2,185	2,023	1,991	1,906	1,801	1,653	5,071	6,009	6,418
Cherokee	276,168	276,168	277,829	919	919	871	1,538	1,538	1,546	889	889	851
Clay*	297,914	288,341	284,185	628	546	516	1,460	1,344	1,305	1,972	2,425	2,201
Graham	101,454	119,835	119,715	298	283	245	789	754	685	1,273	1,415	1,491
Haywood	182,889	189,389	183,972	490	436	401	395	344	288	946	1,124	1,083
Henderson	337,068	317,446	350,135	1,900	1,814	1,808	848	776	721	7,981	9,215	9,940
Jackson	191,492	201,758	199,586	1,148	1,169	1,062	966	943	821	1,606	1,756	1,871
McDowell	305,899	291,709	279,403	1,186	1,165	1,080	762	707	718	3,237	3,365	3,349
Macon	216,893	238,378	223,706	509	458	406	1,057	1,006	976	696	1,132	1,054
Madison	216,445	216,445	220,175	935	935	764	1,359	1,359	1,150	2,527	2,527	3,017
Mitchell	249,038	260,552	285,651	1,656	1,589	1,532	1,866	1,759	1,720	5,584	6,161	6,729
Polk	131,072	131,881	130,180	894	843	804	811	728	611	1,318	1,581	1,688
Rutherford	141,849	135,375	138,116	259	228	234	1,079	975	956	513	565	550
Swain	341,443	352,080	346,594	791	731	640	3,874	3,824	3,906	1,572	2,053	1,956
Transylvania	345,463	345,463	194,789	670	670	480	548	548	425	1,392	1,392	1,481
Yancey	177,301	183,014	189,005	547	488	483	357	322	302	1,123	1,279	1,323
Western Mountain (W.)	4,023,700	4,072,398	3,935,310	16,277	15,411	14,557	20,808	19,842	18,686	40,424	45,801	48,031
DISTRICT 2—Alamance												
Caswell	262,188	261,347	254,417	2,544	2,347	2,172	2,592	2,544	2,486	1,650	2,356	2,463
Durham	262,837	303,998	271,032	1,112	1,199	1,079	2,085	2,445	2,645	343	596	783
Forsyth	175,077	163,388	159,395	1,492	1,332	1,227	1,527	1,493	1,467	801	838	891
Franklin	246,287	243,259	245,001	2,413	2,282	1,992	2,543	2,498	2,328	1,915	1,994	2,119
Granville	305,298	305,603	303,840	1,532	1,404	1,193	4,126	4,540	4,547	1,070	1,284	1,328
Guilford	332,549	332,694	333,974	2,361	2,071	1,813	3,049	3,425	3,461	1,075	1,103	1,198
Orange	386,745	392,998	390,994	3,311	3,337	3,462	3,610	3,802	3,591	3,140	3,216	3,263
Person	239,370	247,243	250,190	1,605	1,446	1,255	1,887	1,874	1,900	900	1,181	1,568
Rockingham	255,421	252,139	249,043	1,626	1,452	1,352	2,555	2,657	2,538	739	845	840
Stokes	351,355	340,959	343,410	1,458	1,374	1,244	3,662	3,621	3,687	1,637	1,560	1,621
Vance	292,555	281,597	283,695	1,079	1,025	931	3,346	3,428	3,442	1,194	1,385	1,440
Warren	168,833	164,345	146,120	1,428	1,350	1,115	1,842	1,969	1,864	557	535	725
Northern Piedmont (N)	3,557,242	3,567,560	3,501,054	23,858	22,439	20,371	35,373	37,023	36,771	16,950	18,648	20,074
DISTRICT 5—Alexander												
Catawba*	160,910	160,670	158,779	668	631	581	1,671	1,604	1,617	963	1,358	1,439
Chatham	245,401	252,293	248,256	1,697	1,658	1,572	2,853	2,876	2,890	1,598	2,125	2,034
Davidson	412,590	435,354	431,060	1,880	1,549	1,427	4,095	3,971	3,833	2,076	2,479	2,726
Davie	350,866	349,262	353,173	3,079	2,848	2,548	2,572	2,499	2,290	1,780	2,164	2,309
Iredell	164,902	163,256	163,485	1,228	1,205	1,104	1,543	1,475	1,476	1,331	1,515	1,879
Lee	369,560	367,359	360,940	2,085	1,905	1,724	4,429	4,388	4,356	2,105	2,625	3,029
Randolph	167,028	161,569	141,156	369	359	296	1,903	1,942	1,807	615	608	670
Rowan	578,673	490,663	473,443	2,045	1,892	1,903	3,945	4,017	3,841	2,040	2,532	2,971
Wake	324,581	317,435	318,051	2,850	2,502	2,546	3,450	3,364	3,397	2,000	2,272	2,396
Central Piedmont (C)	3,293,508	3,218,642	3,173,616	17,871	16,328	15,326	32,788	32,776	31,870	16,329	19,563	21,327
DISTRICT 8—Anson												
Cabarrus	331,946	331,824	332,058	872	855	713	4,673	4,773	4,685	1,381	1,400	1,632
Cleveland	209,909	220,509	222,192	1,868	1,527	1,523	3,096	2,705	3,061	1,679	4,050	2,100
Gaston	293,717	306,421	293,242	836	840	850	5,212	5,214	5,415	1,804	1,810	1,450
Lincoln	219,909	213,304	217,106	886	816	723	3,172	3,203	3,177	1,636	1,073	2,307
Mecklenburg	180,317	191,897	191,986	903	856	856	2,925	2,959	2,985	1,136	1,524	1,576
Montgomery	304,667	317,028	302,782	1,441	1,223	1,176	5,165	5,321	5,240	2,701	3,088	3,147
Moore	271,380	288,000	294,930	446	411	352	1,993	1,953	2,041	881	967	823
Richmond	413,119	416,359	434,693	692	652	642	2,519	2,484	2,367	1,048	924	1,036
Stanly	273,052	288,846	273,648	516	441	361	1,572	2,668	2,539	755	748	673
Union	235,433	228,105	232,488	1,232	1,270	1,033	3,236	2,994	3,270	1,785	2,219	2,130
Southern Piedmont (S.)	3,126,781	3,191,701	3,178,475	11,431	10,463	9,689	40,180	41,127	41,457	17,552	21,359	20,413
DISTRICT 3—Bertie												
Camden	357,225	359,750	435,387	1,499	1,332	1,078	4,138	4,168	4,269	1,045	857	792
Chowan	161,510	146,114	145,545	765	807	704	1,080	1,034	1,098	962	878	952
Currituck	110,481	115,291	109,703	531	513	365	1,560	1,597	1,606	572	432	561
Dare	140,957	143,037	143,088	832	742	715	1,044	971	933	2,187	1,964	1,820
Edgecombe	275,924	274,962	276,635	539	446	414	23	21	22	1,483	993	694
Gates	311,367	311,454	312,253	1,221	1,019	873	6,721	6,784	6,805	1,218	1,264	1,148
Halifax	197,360	185,655	192,258	1,019	961	764	1,648	1,763	1,787	887	656	626
Hertford	423,361	428,780	428,745	2,050	1,763	1,528	6,243	6,743	6,868	1,643	1,645	1,504
Martin	213,471	209,745	234,287	1,165	1,004	926	2,655	2,715	2,702	575	494	533
Nash	205,144	273,940	280,991	663	601	530	4,212	4,167	4,214	856	896	839
Northampton	335,919	335,292	333,580	1,163	1,070	908	6,865	7,193	7,189	1,340	1,155	1,024
Pasquotank	334,423	334,459	328,701	1,773	1,540	1,228	4,388	4,775	4,944	1,265	889	847
Perquimans	136,602	135,126	135,153	1,428	1,327	1,166	1,528	1,595	1,637	2,219	1,219	1,427
Tyrrell	148,626	143,896	145,961	978	904	795	1,757	1,812	1,803	672	572	607
Washington	89,324	85,318	87,574	392	362	312	719	682	803	586	463	492
Northern Coastal (NE.)	3,692,226	3,689,179	3,800,099	16,575	15,926	12,786	45,868	47,358	48,033	18,283	14,936	14,409
DISTRICT 6—Beaufort												
Carteret	503,625	589,889	512,191	1,850	1,922	1,635	3,644	4,333	3,788	1,145	1,228	1,386
Craven	251,842	341,564	274,571	756	687	704	760	688	668	683	708	1,268
Greene	418,285	407,120	413,318	937	899	777	2,141	2,192	2,114	1,108	991	1,024
Hyde	162,933	162,903	163,708	542	462	379	3,814	3,842	3,866	438	359	370
Johnston	369,190	382,571	378,586	1,538	1,373	1,215	813	846	831	1,107	962	1,367
Jones	499,047	508,325	514,008	1,094	964	831	14,284	9,640	5,342	2,244	1,905	1,941
Lenoir	343,120	264,472	274,815	419	396	364	1,569	1,605	1,620	714	658	706
Pamlico	2											

Milk Cattle			All Cattle			Hogs			Sheep			DISTRICTS AND COUNTIES
1927	1928	1929	1927	1928	1929	1927	1928	1929	1927	1928	1929	
3,209	3,457	3,293	7,220	8,223	7,747	3,597	4,654	3,700	10,482	11,268	15,596	DISTRICT 1
6,752	6,853	7,161	14,920	16,510	16,442	6,342	8,170	5,981	16,638	18,487	21,699	Alleghany
2,222	2,088	2,112	3,800	3,901	3,888	2,200	2,273	1,823	3,907	4,430	5,246	Ashe
3,474	2,453	3,571	4,877	4,506	5,600	3,698	5,067	4,268	281	276	216	Avery
5,495	5,182	5,211	7,344	7,451	7,412	6,652	7,892	7,344	102	157	158	Caldwell
3,932	4,005	3,940	7,414	8,610	8,832	3,321	4,326	3,620	8,160	9,914	12,624	Surry
7,131	6,924	6,689	10,245	10,612	10,753	7,208	9,654	8,337	550	574	666	Watauga
3,115	3,352	3,205	4,089	4,760	4,676	4,195	5,655	4,682	69	200	75	Wilkes
35,330	34,314	35,182	59,909	64,573	65,350	37,213	47,691	39,755	40,189	45,306	56,280	Yadkin
10,498	10,542	10,373	15,569	16,551	16,791	5,485	6,313	5,126	1,463	1,533	1,820	Northern Mountain (N.W.)
2,744	2,744	2,950	3,633	3,633	3,801	2,999	2,999	2,603	130	130	115	Buncombe—DISTRICT 4
2,606	2,646	2,461	4,578	5,071	4,662	3,340	3,831	2,592	509	503	482	*Burke
1,429	1,459	1,214	2,702	2,874	2,705	2,969	3,463	2,473	834	904	953	Cherokee
1,007	1,001	953	1,953	2,125	2,036	2,942	1,865	2,167	980	920	1,152	*Clay
4,861	5,068	5,176	12,842	14,283	15,116	4,504	4,752	4,290	6,115	6,507	8,251	Graham
4,020	3,904	3,675	5,626	5,660	5,546	2,908	3,468	2,463	401	439	493	Haywood
3,047	3,193	3,083	6,284	6,558	6,432	6,215	5,701	4,486	3,199	3,663	3,882	Henderson
2,188	2,085	2,112	2,884	3,217	3,166	2,072	2,784	2,289	91	101	135	Jackson
3,040	3,040	2,669	5,567	5,567	5,686	6,039	6,039	4,452	1,628	1,628	1,765	McDowell
4,786	4,838	4,834	10,370	10,999	11,563	4,331	5,023	4,264	4,625	4,778	5,531	Macon
2,193	2,179	2,204	3,511	3,760	3,892	2,687	2,778	2,292	2,230	2,297	2,351	Madison
1,417	1,345	1,334	1,930	1,910	1,884	1,234	1,270	1,007	58	58	42	Mitchell
5,061	4,586	4,635	6,633	6,639	6,591	5,624	6,172	4,836	20	58	26	Polk
1,852	1,852	1,770	3,244	3,244	3,251	1,546	1,548	1,286	336	336	138	Rutherford
1,504	1,530	1,481	2,627	2,809	2,804	2,644	2,574	2,054	808	789	725	Swain
3,212	3,106	2,903	5,936	6,019	5,932	3,301	3,787	2,775	3,069	3,095	3,303	Transylvania
55,465	55,118	53,827	95,889	100,919	101,858	60,840	64,367	71,455	26,496	27,739	31,164	Yancey
4,768	4,682	4,794	6,418	7,038	7,257	6,266	7,393	6,487	854	669	584	Western Mountain (W.)
2,708	2,707	2,604	3,051	3,303	3,387	4,867	5,472	5,141	95	115	95	Almanac—DISTRICT 2
3,245	2,771	2,819	4,046	3,609	3,710	3,236	3,588	3,213	52	8	33	Caswell
5,420	5,358	5,601	7,335	7,352	7,720	7,546	8,985	7,787	370	327	327	Durham
3,120	3,014	2,825	4,190	4,298	4,153	7,244	8,947	7,423	429	468	352	Forsyth
3,736	3,561	3,342	4,811	4,664	4,540	5,968	7,077	6,224	599	595	633	Franklin
8,444	8,621	8,897	11,584	11,837	12,160	8,389	9,264	9,268	387	399	438	Granville
3,235	3,126	2,965	4,135	4,307	4,533	3,850	5,395	4,906	196	232	277	Guilford
2,817	2,592	2,439	3,556	3,437	3,279	4,836	5,670	4,924	129	128	136	Orange
4,518	4,357	4,517	6,155	5,917	6,138	7,088	8,201	7,274	254	159	165	Person
3,652	3,418	3,493	4,846	4,803	4,933	5,821	6,093	5,445	40	32	85	Rockingham
2,421	2,209	1,980	2,978	2,744	2,705	4,135	4,662	3,713	290	255	232	Stokes
3,122	2,821	2,700	5,051	4,576	4,535	6,103	7,138	6,417	416	418	434	Vance
51,206	49,237	48,976	68,156	67,885	69,050	75,349	87,885	78,222	4,111	3,805	3,791	Warren
2,488	2,364	2,350	3,451	3,722	3,789	2,936	3,599	3,006	107	63	72	Northern Piedmont (N.)
5,019	5,090	5,472	6,617	7,215	7,506	5,705	7,158	6,213	86	249	221	Alexander—DISTRICT 5
4,170	3,810	4,023	6,246	6,289	6,749	7,718	9,670	8,084	1,040	819	864	*Catawba
6,037	5,759	5,228	7,817	7,923	7,537	9,093	11,079	9,688	622	674	884	Chatham
3,379	3,149	2,976	4,710	4,664	4,555	3,813	4,284	4,050	388	314	423	Davidson
6,296	6,290	6,188	8,401	8,915	9,217	7,623	9,658	8,954	249	220	375	Davie
1,858	1,595	1,429	2,473	2,203	2,099	2,776	3,769	2,918	117	157	91	Iredell
5,643	5,789	5,737	7,683	8,321	8,708	7,644	9,882	8,413	733	969	723	Lee
6,600	6,840	6,450	8,600	8,612	8,846	6,700	8,546	8,425	375	443	247	Randolph
5,786	5,686	5,324	7,607	7,571	7,198	11,115	12,614	10,950	88	76	77	Rowan
47,276	45,872	45,177	63,605	65,435	66,504	65,123	80,259	70,701	3,805	3,984	3,977	Wake
3,164	3,067	2,841	4,545	4,467	4,473	4,952	5,970	4,914	194	158	172	Central Piedmont (C.)
4,533	3,932	4,087	6,212	7,982	6,187	4,863	5,534	4,950	392	450	373	Anson—DISTRICT 8
5,339	5,400	5,722	7,143	7,210	7,172	6,104	6,114	5,510	68	65	30	Cabarrus
5,282	5,263	5,991	6,918	6,436	8,298	4,616	5,566	4,943	205	162	130	Cleveland
3,378	3,246	3,257	4,514	4,770	4,833	4,314	5,130	5,137	142	114	121	Gaston
8,049	8,001	8,218	10,750	11,089	11,365	5,334	6,073	6,378	387	560	476	Lincoln
1,920	1,801	1,795	2,801	2,768	2,618	2,772	3,430	3,056	243	247	162	Mecklenburg
2,547	2,474	2,366	3,595	3,398	3,402	4,083	4,932	4,252	617	621	651	Montgomery
1,844	1,735	1,686	2,599	2,483	2,359	3,133	4,150	3,473	90	58	53	Moore
3,497	3,495	3,513	5,282	5,714	5,643	4,940	6,470	5,674	226	167	—	Richmond
6,846	6,145	6,281	9,592	9,701	9,820	6,510	8,082	6,678	865	488	527	Stanly
46,399	44,659	45,757	63,951	66,018	66,170	51,621	61,451	54,965	3,429	3,090	2,695	Union
949	966	847	1,994	1,823	1,639	18,858	19,824	18,311	306	376	359	Southern Piedmont (S)
598	665	604	1,560	1,543	1,556	6,376	7,134	5,958	1,027	896	981	Bertie—DISTRICT 3
410	622	378	982	1,054	929	11,244	11,989	10,284	288	366	449	Camden
512	429	543	2,699	2,393	2,363	10,977	10,778	8,407	1,773	1,486	1,794	Chowan
182	155	149	1,665	1,148	843	1,592	1,606	910	427	353	329	Currituck
1,564	1,316	1,298	2,782	2,580	2,446	13,772	14,515	12,760	782	742	604	Dare
676	798	398	1,563	1,454	1,024	13,507	12,857	11,392	515	495	459	Edgecombe
2,860	3,312	2,494	4,503	4,957	3,998	14,153	16,070	15,140	585	845	725	Gates
1,086	949	805	1,661	1,443	1,338	14,180	13,459	13,057	388	278	305	Halifax
735	491	537	1,591	1,387	1,376	17,052	19,570	17,546	113	42	54	Hertford
2,265	2,230	2,006	3,605	3,385	3,030	13,839	15,945	13,118	77	64	49	Martin
1,870	1,888	1,636	3,135	2,777	2,483	15,724	15,828	13,482	547	377	529	Nash
1,646	1,624	1,742	3,865	2,843	3,169	13,796	15,208	14,787	1,761	1,728	2,024	Northampton
880	821	777	1,552	1,393	1,384	14,511	14,886	14,050	1,078	1,027	1,157	Pasquotank
447	571	553	1,033	1,034	1,045	8,917	10,845	7,988	638	620	717	Perquimans
529	590	509	1,302	1,149	1,052	9,317	11,572	8,899	302	263	336	Tyrrell
17,209	17,427	15,276	35,492	32,363	29,685	197,815	212,081	186,089	10,607	9,958	10,871	Washington
1,515	1,446	1,330	2,660	2,674	2,716	20,811	22,527	20,987	424	314	553	Northern Coastal (NE)
473	466	414	1,156	1,174	1,682	4,443	5,533	5,274	287	373	393	Beaufort—DISTRICT 6
921	1,027	985	2,029	2,018	2,009	11,386	11,618	10,218	368	268	245	Carteret
922	832	744	1,360	1,191	1,114	11,772	13,112	7,543	78	78	72	Craven
1,120	1,075	1,079	2,227	2,037	2,446	9,164	9,012	6,870	1,420	1,390	1,740	Greene
3,540	4,989	2,777	5,784	6,894	4,718	31,346	35,250	30,927	809	704	567	Hyde
470	407	363	1,184	1,065	1,069	11,931	12,991	10,861	475	379	345	Johnston
1,507	1,611	1,483	2,048	2,035	2,009	16,471	17,848	11,466	46	97	76	Jones
605	609	682	1,273	1,212	1,221	4,974	5,847	4,078	185	252	219	Lenoir
1,878	1,729	1,548	2,873	2,636	2,431	20,684	22,624	17,423	328	339	265	Pamlico
2,345	2,101	2,011	3,504	3,175	3,070	22,286	23,572	18,168	61	116	124	Pitt
2,212	1,282	1,233	3,088	1,736	1,650	26,416	14,131	10,661	55	61		



Guernsey cattle being judged at the State Fair last fall. Authorities consider the livestock exhibits the best on record in this State and equal to many in Western States.

NORTH CAROLINA'S OPPORTUNITY

Judging by the types of all kinds of livestock exhibited at the State, County and Community Fairs last year, it is quite evident that there is ample opportunity in this State for the good breeding and distribution of blooded animals. It is interesting to note that Gaston County is one of the few in the United States to have 100 percent freedom from scrub bulls. A fine expansion in poultry and hogs on a profitable basis is already underway.

CATTLE

The cattle industry is developed progressively from the Coastal to the Mountain counties. Most of the feeder cattle are found in the western counties, while the dairy industry is developed best in the western Piedmont area. The trend of prices concerning cattle, found on page 36, is a good key towards deciding when prices are low and high. It is certain that there is a great need for an expansion in the cattle industry in all parts of North Carolina, but particularly so in the Coastal Belt.

Success with cattle necessitates good pasturage and feeds, with plenty of fresh water. Improved breeds, by all means, are essential.

POULTRY

Great strides have been made in the improvement of poultry throughout the State. Poultry specialists of the State College Extension have sown good seed regarding improved breeds, culling and egg production. Many carlot shipments of live poultry were made last year, while great improvement has been noted in the numbers and quality of eggs marketed. Commercial poultry plants and organizations are increasingly found in North Carolina. There is no longer any excuse for the farmer to be ignorant of how to cull out his poor layers. Valuable publications are available concerning poultry.

HOGS

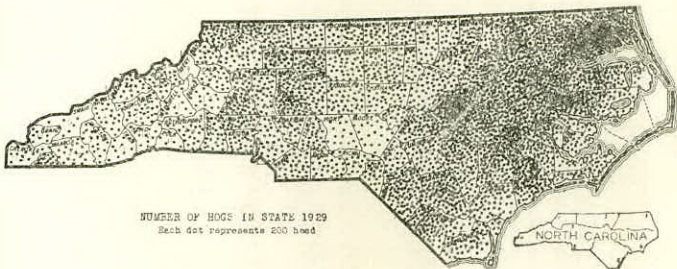
Swine production is developed more in the eastern half of the State than elsewhere. This is largely accounted for due to the large acreages of peanuts and sweet potatoes in the Coastal Belt.

Great progress has been made in the breeding of swine, but much more so in the feeding. Definite increases in the weights of properly fed hogs may be reckoned, while the breeding can be timed for the best marketing. Good pasturage is very important. This can be had in any part of the State. Indifferent attention to either the feeding or the sheltering of swine gives poor results.

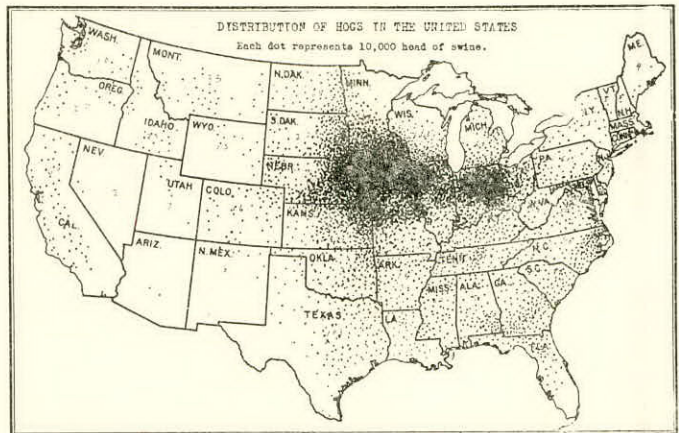
LIVESTOCK REPORT—JANUARY 1, 1930
Number on Farms January 1st

	Year	North Carolina			United States		
		No.	Value per Head (Dollars)	Total Value (Dollars)	Number	Value per Head (Dollars)	Total Value (Dollars)
Horses and Colts	1928	105,000	87.00	9,136,000	14,495,000	67.18	973,812,000
	1929	98,000	86.00	8,429,000	13,905,000	70.21	976,300,000
	1930	93,000	85.00	7,902,000	13,440,000	70.71	950,318,000
Mules and Colts	1928	279,000	119.00	33,311,000	5,504,000	79.82	439,320,000
	1929	276,000	124.00	34,324,000	5,390,000	82.34	443,839,000
	1930	279,000	119.00	33,312,000	5,222,000	83.00	441,726,000
All Cattle and Calves	1928	496,000	44.70	22,179,000	55,676,000	51.06	2,842,576,000
	1929	511,000	48.50	24,797,000	56,467,000	59.15	3,340,182,000
	1930	537,000	48.60	26,108,000	57,967,000	57.28	3,320,104,000
Cows and Heifers (2 yrs. old & over kept for milk)	1928	294,000	59.00	17,346,000	21,828,000	73.93	1,613,639,000
	1929	300,000	64.00	19,200,000	21,919,000	84.63	1,855,080,000
	1930	312,000	64.00	19,968,000	22,499,000	83.40	1,876,357,000
Heifers for milk (1-2 years old)	1928	50,000	---	---	4,184,000	---	---
	1929	53,000	---	---	4,413,000	---	---
	1930	56,000	---	---	4,669,000	---	---
Sheep and Lambs	1928	85,000	9.10	770,000	44,795,000	10.24	458,854,000
	1929	94,000	9.10	856,000	47,509,000	10.61	504,022,000
	1930	103,000	8.60	887,000	48,913,000	8.90	435,515,000
Swine including Pigs	1928	1,050,000	12.90	13,540,000	60,617,000	13.20	799,902,000
	1929	945,000	11.70	11,029,000	56,880,000	13.00	739,255,000
	1930	803,000	11.70	9,361,000	52,600,000	13.64	717,306,000
Aggregate, all Livestock	1928	2,015,000	---	78,936,000	181,087,000	---	5,514,464,000
	1929	1,924,000	---	79,435,000	180,151,000	---	6,003,598,000
	1930	1,815,000	---	77,570,000	178,242,000	---	5,864,969,000

NOTE: The aggregate value of all livestock shown above does not include the value of Heifers for Milk (1-2 years old). The value per head is likewise exclusive of this class. The aggregate number does include this item.



The above map clearly shows that the hog population of the State is found largely in the eastern or Coastal Belt counties. With the large variety of pasture grasses and feed crops available throughout the State, an expansion of the hog industry seems justified.



UNITED STATES CROPS

CROPS	Unit	ACREAGE			PRODUCTION			TOTAL FARM VALUE		
		1927	1928	1929	1927	1928	1929	1927	1928	1929
Corn	bu.	98,393,000	100,673,000	98,018,000	2,763,093,000	2,818,901,000	2,622,189,000	\$ 1,977,759,000	\$ 2,119,046,000	\$ 2,048,134,000
Winter Wheat	bu.	37,723,000	36,213,000	40,162,000	552,747,000	578,673,000	578,336,000	645,326,000	599,207,000	616,128,000
Wheat, all	bu.	58,784,000	58,272,000	61,141,000	878,374,000	914,876,000	806,508,000	979,813,000	887,184,000	840,921,000
Oats	bu.	41,941,000	41,734,000	40,217,000	1,182,594,000	1,439,407,000	1,238,654,000	539,762,000	589,048,000	538,445,000
Barley	bu.	9,476,000	12,598,000	13,212,000	265,882,000	357,487,000	307,105,000	180,200,000	197,459,000	168,807,000
Rye	bu.	3,648,000	3,480,000	3,225,000	58,164,000	43,366,000	40,629,000	13,155,000	11,511,000	11,241,000
Buckwheat	bu.	810,000	749,000	729,000	15,755,000	13,148,000	11,505,000	49,609,000	37,290,000	35,371,000
Cotton	bales	40,138,000	45,341,000	45,981,000	12,955,000	14,478,000	14,822,000	1,269,885,000	1,301,796,000	1,225,032,000
Cottonseed	tons	60,855,000	58,140,000	60,996,000	5,759,000	6,435,000	6,630,000	211,926,000	233,447,000	201,096,000
Hay, tame	tons	14,813,000	13,138,000	14,125,000	106,001,000	93,351,000	101,715,000	1,202,953,000	1,145,060,000	1,244,256,000
Hay, wild	tons	75,698,000	71,278,000	75,121,000	17,326,000	12,915,000	12,924,000	114,204,000	94,896,000	104,797,000
Hay, all	tons	90,511,000	84,416,000	89,246,000	123,327,000	106,266,000	114,639,000	1,317,157,000	1,239,956,000	1,349,053,000
Soybeans, (except hay)	bu.	1,162,000	1,144,000	1,373,000	15,770,000	16,256,000	18,146,000	28,374,000	29,180,000	33,979,000
Cowpeas, (except hay)	bu.	1,826,000	1,391,000	1,059,000	19,644,000	13,352,000	10,149,000	35,300,000	23,421,000	23,442,000
Peanuts	lbs.	1,785,000	1,930,000	2,024,000	1,311,793,000	1,276,078,000	1,360,277,000	52,199,000	56,605,000	49,247,000
Velvet Beans	tons	1,534,000	1,558,000	1,865,000	726,000	713,000	838,000	388,741,000	251,048,000	469,701,000
Potatoes, white	bu.	3,476,000	3,837,000	3,370,000	402,741,000	465,350,000	357,451,000	77,615,000	71,096,000	80,015,000
Potatoes, sweet	bu.	933,000	810,000	822,000	94,112,000	77,661,000	84,661,000	256,882,000	277,658,000	285,583,000
Tobacco	lbs.	1,584,900	1,894,100	2,016,400	1,211,909,000	1,374,547,000	1,500,891,000	256,882,000	277,658,000	285,583,000
Sorghum syrup	gals.	366,000	349,000	346,000	30,268,000	27,152,000	26,181,000	25,716,000	24,890,000	24,126,000
Apples, total	bu.	123,693,000	186,893,000	139,754,000	26,017,000	35,461,000	28,973,000	171,394,000	185,842,000	184,107,000
Apples, commercial	bbls.	45,463,000	68,369,000	45,998,000	18,373,000	24,212,000	20,903,000	103,889,000	99,361,000	108,281,000
Peaches, total	bu.	18,373,000	24,212,000	20,903,000	2,605,238	2,671,076	2,022,417	50,494,000	63,643,000	62,705,000
Pears, total	bu.	31,200,000	53,705,000	33,100,000	2,605,238	2,671,076	2,022,417	24,298,000	24,663,000	29,952,000
Grapes, total	tons	7,200,000	10,500,000	6,500,000	31,200,000	53,705,000	33,100,000	65,332,000	49,740,000	59,387,000
Oranges, (2 states)	boxes	6,000,000	7,900,000	5,900,000	7,200,000	10,500,000	6,500,000	124,800,000	108,445,000	120,525,000
Grapefruit, (Fla.)	boxes	6,000,000	7,900,000	5,900,000	7,200,000	10,500,000	6,500,000	22,320,000	108,445,000	120,525,000
Lemons, (Cal.)	boxes	6,000,000	7,900,000	5,900,000	7,200,000	10,500,000	6,500,000	22,320,000	108,445,000	120,525,000
Cranberries, (a)	bbls.	28,490	28,570	28,570	496,000	551,000	541,500	22,800,000	20,540,000	22,420,000
Commercial Truck Crops								6,089,000	7,997,000	7,088,000
Asparagus	crates	90,500	96,710	98,900	7,877,000	9,450,000	9,907,000	13,697,000	14,565,000	16,808,000
Beans, snap	tons	111,090	134,370	134,420	126,700	145,500	167,600	14,952,000	15,012,000	16,975,000
Cabbage	tons	143,790	137,170	157,220	1,202,800	984,200	1,069,400	19,211,000	23,138,000	21,254,000
Cantaloupes	crates	105,780	100,660	106,730	15,014,000	15,416,000	16,849,000	22,424,000	20,099,000	22,419,000
Carrots	bu.	25,370	25,240	29,630	7,552,000	6,992,000	10,256,000	4,243,000	4,867,000	5,947,000
Cauliflower	crates	17,750	21,430	25,360	4,096,000	5,031,000	6,450,000	5,165,000	5,010,000	5,118,000
Celery	crates	24,550	27,040	28,730	7,585,000	7,624,000	8,686,000	12,505,000	14,367,000	14,371,000
Corn, sweet (canning)	tons	215,430	305,960	331,070	399,000	592,900	639,300	4,806,000	7,497,000	8,431,000
Cucumbers	bu.	93,500	110,020	111,540	8,256,000	8,656,000	8,644,000	9,422,000	9,356,000	12,054,000
Egg Plants	bu.	2,990	3,890	3,630	782,000	896,000	713,000	708,000	777,000	887,000
Lettuce	crates	121,880	124,630	141,430	19,383,000	18,382,000	20,325,000	27,467,000	31,064,000	37,034,000
Onions	bu.	76,440	80,020	86,570	23,525,000	20,454,000	25,867,000	18,751,000	24,099,000	19,039,000
Peas, green	tons	221,000	266,600	296,810	239,300	277,600	287,500	18,799,000	19,879,000	21,338,000
Peppers	bu.	14,600	17,890	17,810	3,502,000	4,466,000	4,103,000	3,529,000	4,201,000	4,566,000
Potatoes, early	bu.	348,230	401,370	289,490	44,825,000	55,475,000	35,613,000	61,361,000	31,076,000	46,662,000
Spinach	tons	55,210	65,350	72,570	141,000	140,800	189,500	7,956,000	8,052,000	8,712,000
Strawberries	qts.	187,290	206,920	198,560	320,499,000	334,331,000	331,441,000	47,743,000	45,711,000	44,872,000
Tomatoes	tons	397,430	399,730	434,370	1,641,300	1,394,000	1,846,100	44,063,000	41,261,000	50,777,000
Watermelons	No.	182,510	206,930	203,560	57,682,000	61,380,000	65,283,000	10,741,000	10,938,000	11,514,000

CASH CROPS

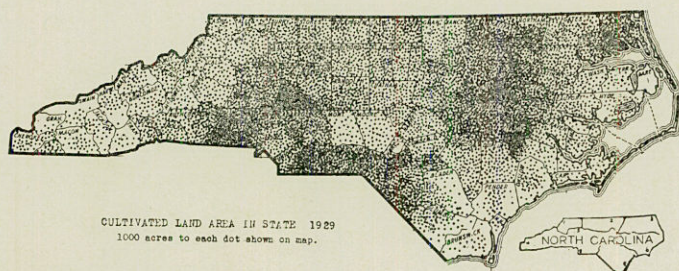
The principal crops grown for sale in North Carolina are tobacco, cotton, peanuts, Irish potatoes, sweet potatoes and other truck crops, peaches, apples, strawberries, dewberries and melons. A certain amount of the wheat, rye and buckwheat is grown for sale. Information on these is available on page 6. Cash crops usually require considerable hand labor, with a heavy outlay for fertilizers. The market fluctuations or risks are quite noticeable. When one gets into the cash crop habit, it is difficult to shift to the "live-at-home" crops.

FEED CROPS

Feed crops are found most prominently in relation to livestock production. This means that the larger percentage of farm feed crops are grown in the central and western counties. Hay crop distributions are given on page 32, with comments on page 34. The ease of producing feed crops and the great variety from which to make selections, makes the eastern part of the State a fine area for the expansion of livestock through greater feed production. If the average farmer would grow the feeds needed, with his cash crops as a surplus, he would not feel the present depression so keenly.

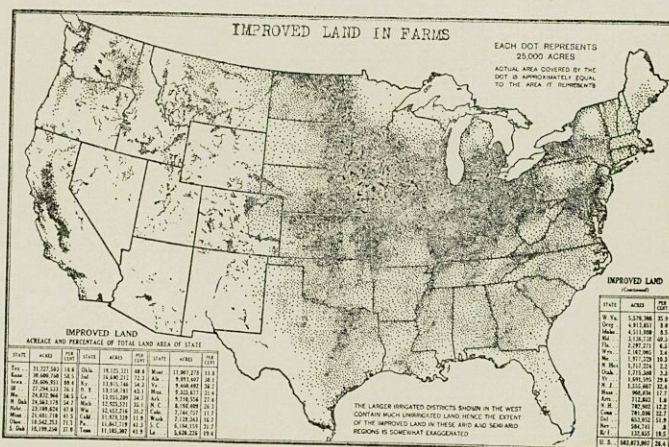
FOOD CROPS

While most of the commercial truck crops are grown in the eastern counties, that area of the State is noted for the absence of gardens and fresh vegetables for the home table. Very few farmers grow grains other than corn which might supply his bread. Even fruits are grown to a small extent in the Coastal Belt. The food crops are grown increasingly as one goes westward. In the mountain counties small grains, fruits and vegetables are generally found on almost every farm. They grow their own meat, butter and eggs, as a rule. It is easy to grow food crops and they are essential to good health.



CULTIVATED LAND AREA IN STATE 1929
1000 acres to each dot shown on map.

The illustration above shows the cultivated acreage of the State to be most intensive along the South Carolina border from Rutherford to Robeson counties, extending up into Iredell in the central Piedmont area. Another intensive area is found surrounding Wilson, Green, Pitt and Edgecombe counties. Now study the United States map.



The Land of Unrealized Development

AGRICULTURAL EDUCATION

To be educated means to understand the conditions essential to society and one's profession. This is usually aided by a college course, but not necessarily so. Educational studies should continue through life. When one stops seeking information or being receptive to new ideas and suggestions, he then starts going backward. Too many farmers are in this condition. Progress means continual effort, mentally as well as physically.

One need not go to college for good information. The State and Federal agencies provide all kinds of bulletins and farming results free of cost. If one had to pay for these at the actual total cost, they would be really appreciated and used more. Some of these free government publications cost many thousands of dollars to print and infinitely more in their development.

Education Needed for Grown Folks

We have schools for our young folks, but grown people should school themselves. With the aid of the county agents, agricultural teachers, agricultural extension and free literature available, it is easy with farmers. Such publications as this *Farm Forecaster* are really meant for adult education. Because it comes free, does not mean that it is worthless or prepared merely to spend time and money.

The agricultural teachers in our High Schools are rapidly adapting statistical facts pertaining to their county in their classes. Any one interested might find equally as helpful information herein. That our farmers are so hard up is evident that there is much that we do not know but could learn if we would but really strive to find and to utilize.



Gloomy Plodding vs. Enlightened Living

FARM STUDIES

The night watchman of an office building at Raleigh was telling of the way a certain agriculturist worked at night. Upon inquiry, the specialist stated "There are so many interruptions during the day that I find the night hours give me my best time to read and study reports and new ideas which are taking place in the agricultural work. The man who does not study is likely to soon be supplanted by one who does."

This illustrates how another man handles his farm work. There is an engineer in Rocky Mount who has five farms. He admitted that he cleared a little over \$1,000 on them last year. Said he, "I found it essential to keep dependable records concerning the operation of each of my farms so that I might know the cost of production of the various crops grown. Except for these, I would not know where to locate the losses or to make improvements for better profits. I do not see how our farmers make ends meet under the hap-hazard methods they practice. Few of them study and fewer still keep farm records."

The President of a large college in North Carolina in addressing his graduating class said: "I presume that you gentlemen now think that you are educated! Well, I want to inform you that you are not and may never be. You have merely found out how to study. The future will prove whether your college work was worth its cost. This is your commencement of real life. Regular study is your key to success."

The farmer himself must study to succeed, just as others have to do.

LIVESTOCK FARMING

The Middle-Western farmer would feel completely lost to farm like we in North Carolina do. He has neither cotton, tobacco, peanuts nor truck crops. He counts on this stock to turn his crops into money products.

There are an average of 83 cattle per 1,000 acres of land in Wisconsin, including the waste areas. North Carolina averages less than 13. The farm income from that State is about 85 percent from livestock, while our own State shows around 25 percent. Similar studies for other States may be made from the data on pages 42-43.

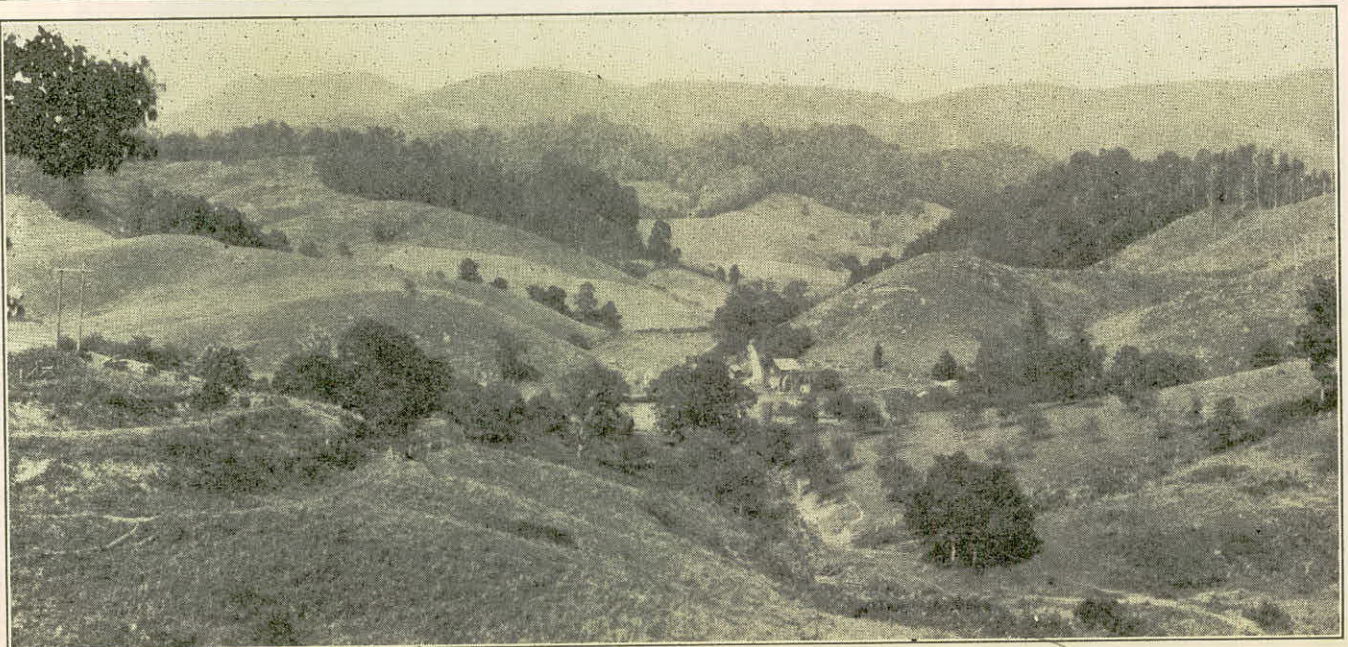
Contented Folks

The most contented farm family is found where good livestock are found. The best soils and crops are also found there. The proudest farmer and the one with the best farm buildings usually has a major interest in livestock. The farmer who pays cash and has money in the bank, generally depends on livestock for his income.

Livestock farming means good labor distribution. The rush of work is not so great in May and June and so slack during the winter months. The many acres that are growing up in weeds and otherwise not productive, can through livestock increase the income acreage while reducing the man and animal labor on the farm.

Livestock are less subject to weather damages and to glutted markets than are crops. Better or safer studies are available concerning livestock marketing; in fact, better business methods are applicable with livestock.

Farmers make our reports.



Watauga County Country Scene. Steep Mountain Sides Become Fertile Fields and Pastures.