

# Arborists’ Markets for Woody Residue

This chart addresses the most typical market dynamics and is not meant to be inclusive of all possible markets. It is intended to be used for lower uses in the hierarchy.

	<div>TIER 1</div> <div>Higher percent production volume, less processing complexity, lower economic value</div>			
	Lowest Value Products			
Wood Form	Chips and Ground Material			St
Log Grades	All			
Units of Measure	Cubic feet, weight			
Species	All			h
Quantity				
End Uses	Compost	Chips	Mulch	
Markets	Compost producers, reclamation yards, landscaping firms	Fuel - biomass energy companies Agriculture/livestock yards, construction	Mulch producers, reclamation yards, landscaping firms	
End Users	General public, local school and park districts, businesses, institutions and government	Fuel — biomass energy companies Agriculture, livestock producers, construction contractors	General public, local school and park districts, businesses, institutions and government	
Marketing/ Services	“Green Services” Company/Organization			
Processing Required	Chipping or grinding (Also, presorting, processing to set dimensions, moisture control)			
Processing Equipment	Chipper or grinder, trailer or other hauling equipment			C I

## es from Urban and Community Trees

ative of all situations. Higher quality wood in columns further to the right may also be in columns to the left.

## TIER 2&3

ity and equipment,

Lower percent production volume, more processing complexity and equipment, higher economic value

Mid-Range Value Products			Highest Value Products	
Stumps, branches and log segments	Timbers and Whole Trees	Merchantable Logs (at least 8' long, 12" diameter — confirm with mill)		
All	All	Grades 1-3	Select grades or character wood	Grades 1 and 2
Cords	Board feet, weight			
Commercial species, i.e., Hickory or other, ash requires special treatment	All	Hardwoods and commercial species	Most hardwood species and pine, where appropriate	Commercial hardwood species
		High quantity		High quantity
Firewood	Timbers and other uses	Pallets, crates, packaging, industrial uses	Lumber, cabinetry, furniture, millwork, flooring, gifts	
Firewood Producers	Combined mulch and milling producers, mix of forest products producers	Log buyers, small sawmills or pallet/container mills	Small, typically portable, band mills	Log buyers, industrial sawmills
General Public	Commercial buyers, hobbyists, artisans/makers	Construction contractors, manufacturers	General public, local school and park districts, businesses, institutions and government	General public, businesses, institutions and government
None		Tree removal to end-product		
Sorting by species	None	Tree grading, log grading, log manufacturing		
		Sorting by grade, metal scans, accumulation of semi-loads	Sorting by grade and species	Sorting by grade and species, metal scans, accumulation of semi-loads
Chain or hand saw, trailer or other hauling equipment	Log loader and crane; metal detection equipment, portable sawmill, dry kiln			