technology transfer *fact sheet*

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*Amelanchier*spp.
Family: Rosaceae
Serviceberry

The genus *Amelanchier* contains about 16 species native to North America [5], Mexico [2], and Eurasia to northern Africa [4]. The word *amelanchier* is derived from the French common name *amelanche* of the European serviceberry, *Amelanchier ovalis*.

Amelanchier alnifolia-juneberry, Pacific serviceberry, pigeonberry, rocky mountain servicetree, sarvice, sarviceberry, saskatoon, saskatoon serviceberry, western service, western serviceberry , western shadbush

Amelanchier arborea-Allegheny serviceberry, apple shadbush, downy serviceberry , northern smooth shadbush, shadblow, shadblown serviceberry, shadbush, shadbush serviceberry

Amelanchier bartramiana-Bartram serviceberry

Amelanchier canadensis-American lancewood, currant-tree, downy serviceberry, Indian cherry, Indian pear, Indian wild pear, juice plum, juneberry, may cherry, sugar plum, sarvice, servicetree, shadberry, shadblow, shadbush, shadbush serviceberry, shadflower, thicket serviceberry

Amelanchier florida-Pacific serviceberry

Amelanchier interior-inland serviceberry

Amelanchier sanguinea-Huron serviceberry, roundleaf juneberry, roundleaf serviceberry , shore shadbush

Amelanchier utahensis-Utah serviceberry

Distribution
In North America throughout upper elevations and temperate forests.

The Tree
Serviceberry is a shrub or tree that reaches a height of 40 ft (12 m) and a diameter of 2 ft (0.6 m). It grows in many soil types and occurs from swamps to mountainous hillsides. It flowers in early spring, producing delicate white flowers, making it a good ornamental shrub. It produces smooth to scaly bark, and red to purple pear-shaped fruits.

The Wood
General
The wood of serviceberry is brown and is as hard and heavy as persimmon, but of smaller size. It is close grained and takes a satiny finish. The heartwood is reddish brown, marked with red streaks, and has a lighter colored sapwood.

Mechanical Properties (2-inch standard)

	Specific gravity	MOE x10^6 lbf/in^2	MOR lbf/in^2	Compression Parallel lbf/in^2	Compression Perpendicular lbf/in^2	WML[a] in-lbf/in^3	Hardness lbf	Shear lbf/in^2
Green	0.66	1.64	9,600	4,080	780	16.2	1,240	1,260
Dry	0.74	1.88	16,900	8,770	1,790	18.9	1,800	159

[a]WML = Work to maximum load.
Reference (59).

Drying and Shrinkage

Type of shrinkage	Percentage of shrinkage (green to final moisture content) 0% MC	6% MC	20% MC
Tangential	10.8	–	–
Radial	6.7	–	–
Volumetric	18.7	–	–

Reference (59)

Kiln Drying Schedules: No information available at this time.

Working Properties: No information available at this time.

Durability: No information available at this time.

Preservation: No information available at this time.

Uses: Tool handles, fishing rods.

Toxicity: No information available at this time.

Additional Reading and References Cited (in parentheses)

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