

Cottonwood Native	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes allergies from pollen
	100 ft	3-5 ft		2x the water of an oak	full 6 plus hrs	prefer	70-100yr		
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
Drought Tolerant		rich and moist/well drained		10-15 ft deep	80ft/50ft tree to tree	2-9 zone	yes		
American Sycamore	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes ice wind damage susceptible and sidewalks
		3-4 ft		deep water 2x per month	full	resistant /tannins	200 plus yr		
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
		wet sandy soil		invesive/top 2 ft	15 ft plus	4-9 zone	some		
American Plum	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes 3-5 years bear fruit flower March to May
	15 ft	2-5 ft	10-10-10 fert.	weekly	full	food source		8 ft	
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
Drought Tolerant		sandy/well drained				3-7 zone	yes	16 ft	
Sumac	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes
	9-15 ft	3-5 ft			full				
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
Drought Tolerant	9-15 ft	well drained	6.5-7.0 ph			3-9 zone	yes		
Black Walnut	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes
	50-75 ft	36-48 inches per year					150yr		
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
Drought Tolerant	50-75 ft	well drained/fertile soil		tap root/horizontal past DL	50 ft		yes		
Austrian Pine	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes
	40-60ft	12-28 inches		every few days	full	problem	80 yr	15 ft	
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
Drought Tolerant		sandy to clay/well drained		deep lateral roots	15 ft		yes		
Jack Pines	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes 1 to 2 inches of water per caliber inch per week
	50 ft	2 Ft			full	Deer/Rabbit	80-100		
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
Drought Tolerant		Dry/Sandy				2 to 8	Yes		
Elderberry Bush	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes hary &wind resistant
	5-6ft	2 ft		5-10 gallon per week					
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
Drought Tolerant	5-12 ft		5.5-6.5 ph	invasive	4-5 ft		yes		
Red Cedar trees	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes toerant of salt spray/clay
	30-40 ft	12-24 inch			full	limited			
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
Drought Tolerant	10-20 ft	loam/sandy/clay well drained	can grow in each	aggressive root sys	40ft	3 to 9	yes		
Pinyon Pine	Height	Grow Rate	Fertilizer	Water	Sun	Deer Resistant	Life Span	Plant Spacing	notes locate in dry locations on hills not lowlands where water collects temp.-10 to over 100 degrees
	20 ft	1-2 ft	pure stand or with Junipers	less than 20" of precipitation per yr.	min 6 hrs/full		600 ys		
	20-40 yr maturity	Spread	Soil Type	PH	Root Growth	Distance Away	Zone	Drought Tolerant	
Drought Tolerant	15 ft	well drained soil	5.0-7.0 ph	tap root 11" per year, rapid		4-8 zone			
Hazelnut American	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes 4 years to yield nuts spread by Rhizones
	6-15 ft	13-24 inches	10-10-10		full	no			
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
Drought Tolerant	8-15 ft	dry or moist /clay/sandy/loam		2 ft shallow		4-9 zone	yes		
Hackberry	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes causes high allergies messy berries and leaves
	80 ft	2 ft			full		150-200yr		
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	

Drought Tolerant	60 ft	clay cut growth rate root shallow	6-8 ph	10-20 ft/40ft wide		2 to 9	yes		withstand wind
Crabapple	Height	Grow Rate	Fertilizer	Water	Sun	Deer	Life Span	Plant spacing	notes 3-5 years to flower attracts hummingbirds
	15-25 ft	12-24 ft		1-2 inches per week		on the menu 1st	40-60 years		
Drought Tolerant	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
	15-25 ft					4-8 zone	yes		
Black Hills Spruce	Height	Grow Rate	Fertilizer	Water	Sun	Deer	Life Span	Plant spacing	notes
	75 ft	6 to 24 inches		1-2 inches per cal. inch	Full	Deer/Rabbit	90 years		
Drought Tolerant	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
	15 to 25 ft	well drained			25 ft		Yes		
Bur Oak	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes
	50-100 ft	21 inches			full				
Drought Tolerant	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
	75 ft	fertile soi/dry rocky		tap 14 ft 8 yrs/Lat 11 ft			very yes		
Golden Current Bush	Height	Grow Rate	Fertilizer	Water	Sun	Deer	Life Span	Plant spacing	notes
	3-7 ft	12-18 inches		regularly, keep evenly moist					
Drought Tolerant	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
	3-5 ft						yes		
Canada Red Chokeberry	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes
	less 30 ft	12-18 inches					20-40 yr		
Drought Tolerant	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
	10-20 ft	moist/well drained				3-8 zone	yes		
Sumac Skunkbush	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes
	3-8 ft	10-20 inches							
Drought Tolerant	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
				rhizomes root zones		3-8 zone	yes		
Lilac Villosa	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes
	10 ft	moderate	fertilze balance slow release				100 years		
Drought Tolerant	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
	6-10 ft	sandy, dry,poorly drain	5.5-8.0 soil		3 ft	3-7 zone	yes		
Rocky Mountain Juniper	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes Problems Ice 6 wk establish
	33 to 66 ft	1 ft		1-2 wk/2-3 wk establish	full			3 to 6 ft	
Drought Tolerant	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
		dry/rocky/sandy					yes/CaCo3 tol.		
Southwestern White Pine	Heig+B7:1124ht	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes
	40 to 90 ft	10 to 12 inches		Low to Moderate	full	Deer/Rabbit	90 years	8 to 12 ft	
Drought Tolerant	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
	40 ft	Well Drained	5 to 7.5			4 to 9	Yes	12 to 18 ft	
Catopia Tree	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes deep water every week or 2 attract hummingbirds needs Boron/copper/zinc if over fertilized flush with water
	60 ft	1-2 ft	10/10/2010	10 gal per dia inch at 6" above ground	full	no	60 yr		
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
	40 ft	moist well drained	5.5-7.0 ph			4-8 zone	Moderately		
Northern Red Oak	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes
	80 ft	24" per year							
	Spread	Soil Type	PH	Root Growth	Distance away	Zone	Drought Tolerant	Row Spacing	
							moderately		
Silver Maple	Height	Grow Rate	Fertilizer	Water	Sun	Deer resistant	Life Span	Plant spacing	notes

