

Moist soil helps plants grow

# Tree Information Ladybug Nursery

Full Sun ☀️ : More than 6 hours/ day  
 Full Shade ● : Less than 2 hours/ day  
 Part Shade ◐ : 2-6 hours of sun/ day

<b>Shade Continued</b> <i>(Key on other side)</i>	Zone	Height	Spread	Sun	(D)	(W)	(N)	Growth Rate
Aspen	2-7	50'	25'	☀️	D		N	Fast
Birch	3-9	30'-50'	25'	☀️				Avg
Choke Cherry	2-8	25'	20'	☀️	D	W	N	Fast
Cottonless Cottonwood - Siouxland Poplar	4-9	50'	35'	☀️	D		N	Fast
Cottonless Cottonwood -Lombardy Poplar	3-9	50'	10'	☀️	D		N	Fast
Elm	3-9	60'	40'	☀️		W		Fast
Linden, Littleleaf	4-9	40'	30'	☀️◐				Avg
Locust, Honey	4-9	50'	40'	☀️◐	D	W	N	Fast
Maple - Amur/ Hot Wings Tatarian	3-9	20'	20'	☀️●		W		Avg
Maple - Autumn Blaze/ Red	4-9	50'	40'	☀️◐				Fast
Maple - Crimson King	3-9	35'	30'	☀️◐				Avg
Maple - Petticoat	4-9	40'	30'	☀️◐				Avg
Sycamore, London Planetree	5-9	50'	40'	☀️◐		W		Avg
Willow - Globe/ Weeping	5-9	35'-40'	25'-35'	☀️◐				Fast
Zelkova	4-9	50'	40'	☀️				Avg

<b>Evergreens</b> <i>(will keep leaves each winter and may stay green)</i>	Zone	Height	Spread	Sun	(D)	(W)	(N)	Growth Rate
Arborvitae	4-9	3'-15'	3'	☀️◐				Slow
Blue Spruce - Weeping	2-8	15'-30'	5'-10'	☀️◐	D			Slow
Boxwood	4-9	3'-7'	3'	☀️◐	D			Slow
Dwarf Alberta Spruce - Conica	2-8	8'	4'	☀️◐	D			Slow
Holly	5-9	10'	6'	☀️◐	D	W		Avg
Juniper	4-9	10'-25'	3'-8'	☀️◐	D	W		Slow
Juniper Spreading	3-9	6''-2'	3'-8'	☀️◐	D	W		Avg
Little Mugho Pine	2-9	3'	4'	☀️◐		W		Slow
Manzanita	4-9	2'-6'	6'	☀️	D	W	N	Slow
Norway Spruce	2-8	60'	30'	☀️◐	D			Avg
Pine - Oregon Green Austrian	4-9	20'	15'	☀️	D			Avg
Pine - Austrian	4-9	35'	30'	☀️	D	W	N	Fast
Pine - Vanderwolf	4-9	25'	15'	☀️	D	W	N	Avg
Pine - White	5-9	60'	30'	☀️	D	W		Fast
Spruce Blue - Baby Blue Eyes	3-7	20'	15'	☀️	D			Slow
Spruce Blue - Colorado	3-7	50'	20'	☀️◐	D	W	N	Slow
Spruce Blue - Fat Albert	3-7	25'	15'	☀️◐	D	W	N	Slow
Yew	4-9	5'-12'	3'-5'	☀️◐	D			Slow

<b>Fruit Trees</b> Usually produce fruit every 2-3 years, depends on last freeze.	Zone	Chill Hours	(NP) Needs Pollenizer tree within 400 ft
Almond Tree	5	700	Self-Fruitful
Apple Tree - Fuji (Red)	5-9	400	Self-Fruitful
Apple Tree - Gala (Red)	5-9	500	Self-Fruitful
Apple Tree - Golden Delicious(Yellow)	4-9	700	(NP): Fuji, Granny Smith, or Honeycrisp
Apple Tree - Granny Smith (Green)	5-9	400	Self-Fruitful
Apple Tree - Honey Crisp (Red)	4-9	800	(NP):Gala or Granny Smith
Apple Tree - Jonagold (Red/Green)	4-9	750	(NP):Fuji, Gala, or Granny Smith
Apricot Tree - Chinese Mormon(Orange)	4-9	700	Self-Fruitful
Apricot Tree - Royal Blenheim (Yellow)	5-9	450	Self-Fruitful
Apricot Tree - Tilton (Yellow)	4-9	650	Self-Fruitful
Cherry Tree, Sweet - Bing (Burgundy)	5-9	700	(NP): B.Tartarian/ Stella
Cherry Tree, Sweet - Black Tartarian	5-9	700	NP: Bing or Stella
Cherry Tree, Sweet - Lapins (Dark Red)	5-9	400	Self-Fruitful
Cherry Tree, Sweet - Rainier(Yel/red)	5-9	700	(NP): Black Tartarian
Cherry Tree, Sweet - Stella (Red)	5-9	400	Self-Fruitful
Peach - Elberta (Yellowish-Red)	5-9	750	Self-Fruitful
Peach - Ranger (Yellowish-Red)	5-9	900	Self-Fruitful
Peach - Red Haven(Red)	5-9	800	Self-Fruitful
Peach - Reliance (Red)	5-9	900	Self-Fruitful
Pear - Bartlett (Golden-Yellow)	5-9	600	Self-Fruitful
Pear - D' Anjou (Golden-Green)	5-9	700	(NP): Bartlett
Plum - Green Gage (Green-Yellow)	4-9	700	Self-Fruitful
Plum - Santa Rosa (Red)	5-9	400	Self-Fruitful

**All Trees/Shrubs Continued**

- **Apply Chelated Iron** (Ferriplus Iron) to your trees and shrubs each spring to get healthy green foliage for long term solution. If your plants leaves are yellow with green veins then more Iron will need to be applied immediately, so the tree does not die from lack of iron.

- **When to Plant:** You can plant a tree anytime of the year, but water and fertilize appropriately based on season.

- **Water:** During growing months (May-Sept) a tree can drink 1-2 gallons of water per 1" caliper (Trunk Width) each day. Water accordingly.

- Allow water to soak deep into the soil around your trees and shrubs(After established, 2 yrs.) to encourage roots to grow deep instead of on the surface

- **In winter:** apply 5 gallons of water to each tree and shrub in the winter months(roots still need water).

- Apply Dormant Oil in winter will help prevent and control pests on trees and shrubs. Follow the label instructions.

- Systemic insecticides can provide season long control(Root Absorbtion).

**Evergreens** Require extra water during their growing months(May-June). The more it receives at this time will significantly increase its growth.

**Fruit trees** usually produce a harvest every 2-3 years, depending on the last hard freeze. May take a few years to get a crop.

- Most fruit trees we carry are on a semi-dwarf stalk and will grow about 15 ft tall & 15' wide. (dwarf trees don't handle our climate well.)

- Fruit trees will produce larger harvest if they receive more water while growing fruit. Reduce water just before harvest.

- **Prune** your fruit trees to have an open shape, cut any branches that cross over others. Always cutting to an outside bud. (Do not cut off more than 1/3 of your tree at once)

^ **Chill Hours** are the amount of hours a fruit tree needs between 32° F& 45° F (while dormant) to produce fruit the following season. The more chill hours required increases the chance of fruit production in our climate.

- **Controlling worms/coddling moth.** Starting in June spray once every 2 weeks to stop the coddling moth from laying eggs. Also using dormant spray in winter kills hibernating bugs.

**To identify** plants and bugs a free phone app(*android or apple*)  Google Lens does a good job.