

## Trees and shrubs - Spring

Common name	Latin name	Blooming months	Pollen color	Availability	Source for honeybees
Maple	<i>Acer</i> spp.	Feb - Apr	light yellow	feral	fair
Manitoba Maple (Box elder)	<i>Acer negundo</i>	Feb - Apr	light olive	feral	good
Norway maple	<i>Acer platanoides</i>	Apr - May	yellow green, olive	feral	fair
Red Maple	<i>Acer rubrum</i>	Mar - Apr	grey brown	feral	
Grey Alder	<i>Alnus incana</i>	Feb - Apr	brownish yellow	feral	
American Chestnut	<i>Castanea dentata</i>	May - Jun		mostly ornamental	
Sweet Chestnut	<i>Castanea sativa</i>	May		feral	good
Common Hackberry	<i>Celtis occidentalis</i>	Apr - May		feral	
Flowering Quince	<i>Chaenomeles japonica</i> , <i>Chaenomeles lagenaria</i> , <i>Chaenomeles speciosa</i> 'Nivalis', <i>Chaenomeles x superba</i>	Apr - May		feral	good
American Hazel	<i>Corylus americana</i>	Mar - Apr	light green	feral and ornamental	fair/good
Hawthorn	<i>Crataegus</i> spp.	Apr - May	yellow brown	feral	fair

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White Ash	<i>Fraxinus americana</i>	Apr - May			
Honey Locust	<i>Gleditsia triacanthos</i>	May - Jun		feral	
American holly	<i>Ilex opaca</i>	Apr - Jun		feral	
Walnut	<i>Juglans</i> spp.	Apr - May		cultivated	fair
Tulip-tree	<i>Liriodendron tulipifera</i>	May - Jun	cream	feral and ornamental	good
Crab Apple	<i>Malus</i> spp.	Mar - Jun	light olive	ornamental	
Apple	<i>Malus domestica, Malus sylvestris</i>	Apr - May	yellow white	cultivated and ornamental	very good
American Sycamore	<i>Platanus occidentalis</i>	Apr - May	light olive	feral	
Plum	<i>Prunus</i> spp.	Apr - May	light grey, grey	ornamental and cultivated	
Almond	<i>Prunus amygdalus</i>	Feb	light brown to brown pollen - not considered a good pollen source but bees are the primary pollinator	cultivated mostly in California	fair
Wild Cherry	<i>Prunus avium</i>	Apr - May	yellow brown, light brown	feral	very good

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Cherry Plum	<i>Prunus cerasifera</i>		light brown to brown	feral	fair
Sour Cherry	<i>Prunus cerasus</i>	Apr - May	dark yellow	ornamental and cultivated	very good
Peach	<i>Prunus persica</i>	Apr - May	reddish yellow	ornamental and cultivated	good
Black Cherry	<i>Prunus serotina</i>	Apr - May		feral	minor
Blackthorn	<i>Prunus spinosa</i>			feral	good
Pear	<i>Pyrus communis</i>	Apr - May	red yellow	ornamental and cultivated	good
Oak	<i>Quercus</i> spp.	May		feral	
Oak	<i>Quercus robur</i> , <i>Quercus pedunculata</i>	May	light olive	feral	minor
Black Locust	<i>Robinia pseudoacacia</i>	May - Jun		feral	
Blackberry	<i>Rubus</i> spp.	May - Jun	light grey	feral and cultivated	
Raspberry	<i>Rubus idaeus</i>	May - Jun	white grey	feral and cultivated	good
Willow	<i>Salix</i> spp.	Feb - Apr	lemon	feral	good
White Willow	<i>Salix alba</i>			feral	good

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Goat Willow	<i>Salix caprea</i>	Mar - Apr		feral	very good
Violet Willow	<i>Salix daphnoides</i>	Mar - Apr		feral	very good
Pussy Willow	<i>Salix discolor</i>	Mar - Apr		feral and ornamental	
Basket Willow	<i>Salix purpurea</i>	Mar - Apr		feral	very good
Silky leaf osier, Smith's Willow	<i>Salix x smithiana</i>	Apr - May			very good
American mountain ash	<i>Sorbus americana</i>	May-Jun		feral	
American Elm	<i>Ulmus americana</i>	Feb - Apr	light grey	feral	
Winged Elm	<i>Ulmus alata</i>	Feb - Mar	pale yellow	feral	good
Europea field elm	<i>Ulmus americana</i>			feral	good

### Flowers and annual crop plants - Spring

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Ajuga (Bronze Bugle, Common Bugle)	<i>Ajuga reptans</i>	mid spring			

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Chives	<i>Allium schoenoprasum</i>	May - Sep		cultivated?	
Asparagus	<i>Asparagus officinalis</i>	May - Jun	bright orange	cultivated	
Mustard	<i>Brassica arvensis</i>	Apr - May	lemon	cultivated and feral	
Canola	<i>Brassica napus</i>	May - Jun	lemon	extensively cultivated	very good
Yellow Crocus	<i>Crocus vernus</i> (syn. <i>Crocus aureus</i> )	April	orange yellow	feral and ornamental	fair
Leopard's Bane	<i>Doronicum cordatum</i>	Apr - May			
Winter aconite	<i>Eranthis hyemalis</i>	Mar - Apr	yellow	feral and ornamental	good
Snowdrop	<i>Galanthus nivalis</i>	Mar - Apr	orange, red		fair
Henbit	<i>Lamium amplexicaule</i>	April	orange red, red, purplish red	Apr - Jul	poor
White Sweet Clover	<i>Melilotus alba</i>	May - Aug	yellow to dark yellow	feral and cultivated	good
Yellow Sweet Clover	<i>Melilotus officinalis</i>	May - Aug	yellow to dark yellow	feral and cultivated	
Sainfoin	<i>Onobrychis viciifolia</i>	May - Jul	yellow brown		very good

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Siberian squill	<i>Scilla sibirica</i>	Mar - Apr	steel blue	feral and ornamental	good
White mustard	<i>Sinapis alba</i>	June	lemon	feral and cultivated	good
Chick weed	<i>Stellaria media</i>	Apr - Jul	yellowish	feral	minor
Dandelion	<i>Taraxacum officinale</i>	Apr - May	red yellow, orange	feral	very good

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Red Horse chestnut	<i>Aesculus carnea</i>		raisin <sup>[2]</sup>	feral	
Horse chestnut	<i>Aesculus hippocastanum</i>	May - Jun after 80-110 growing degree days.	anatolia <sup>[3]</sup>	feral	good
Southern Catalpa	<i>Catalpa bignonioides</i>	Jun - Jul		ornamental	fair
Northern Catalpa	<i>Catalpa speciosa</i>	Jun - Jul		ornamental	
Bluebeard	<i>Caryopteris x clandonensis</i> 'Heavenly Blue'	Aug - Sep			very good
Virginia creeper	<i>Parthenocissus</i>	Jul - Aug			good

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	<i>quinquefolia</i>				
Boston Ivy 'Veitchii'	<i>Parthenocissus tricuspidata</i> 'Veitchii'	Jun - Jul			good
Sumac	<i>Rhus glabra</i>	Jun - Jul			
Elder	<i>Sambucus canadensis</i>	Jun - Jul	canary yellow <sup>[3]</sup>		
Basswood or American Linden	<i>Tilia americana</i>	Jun - Jul	yellow to light orange	feral and ornamental	
Little Leaf Linden	<i>Tilia cordata</i>		citrine <sup>[3]</sup>	feral	
Blueberry	<i>Vaccinium myrtillus</i>	Jun	red yellow, orange	cultivated	poor

## Flowers and annual crop plants - Summer

Common name	Latin name	Blooming months	Pollen color	Availability	Source for honeybees
Allium	<i>Allium</i> spp.			feral and cultivated	
Onion	<i>Allium cepa</i>		light olive	cultivated	
Chives	<i>Allium schoenoprasum</i>	May - Sep		feral and cultivated	
Garlic chives	<i>Allium tuberosa</i>	Aug - Sep		feral and	

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				cultivated	
Leadwort syn. Indigobush	<i>Amorpha fruticosa</i>	Jun - Jul		ornamental?	
Aster	<i>Aster</i> spp.	Sep-Frost	reddish yellow	feral and ornamental	
Land-in-blue, Bushy Aster	<i>Aster x dumosus</i>	Aug - Sep	bronze yellow <sup>[3]</sup>	feral	
Borage	<i>Borago officinalis</i>	Jun - Frost	blueish grey	ornamental	
Marigold	<i>Calendula officinalis</i>	Jun - Sep	orange		
Heather sp.	<i>Calluna vulgaris</i>	Jul - Aug	yellow white, white		good
Hemp	<i>Cannabis sativa</i>	Aug	yellow green		good source
Blue Thistle	<i>Carduus</i> spp.				
Star thistle	<i>Centaurea</i> spp.	Jul - Sep			
Persian centaurea	<i>Centaurea dealbata</i>		hemp <sup>[3]</sup>		
Knapweed	<i>Centaurea macrocephala</i>	Jul - Aug			good
Knapweed	<i>Centaurea nigra</i>		very light olive		



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Chicory	<i>Cichorium intybus L.</i>		white		
Cotoneaster	<i>Cotoneaster spp.</i>				good
Cucumber	<i>Cucumis spp.</i>		pale yellow	cultivated	
Melons	<i>Cucumis melo</i>	Jun-Frost	pale yellow	cultivated	
Pumpkin	<i>Cucurbita pepo</i>	Jun-Frost	bright yellow	cultivated	
Fireweed	<i>Epilobium angustifolium</i>	Jul - Aug	blue	feral	
Joe-Pye weed, Bluestem	<i>Eutrochium spp.;</i> <i>Eupatorium purpureum</i>	Aug - Sep	bistre green		
Buckwheat	<i>Fagopyrum esculentum</i>	Jul - Aug	light yellow to light green	cultivated	good source
Blue vine	<i>Gonolobus laevis</i> syn. <i>Cynanchum laeve</i>				
Sunflower	<i>Helianthus annuus</i>	Jun - Sep	golden	feral and cultivated	
Jewelweed	<i>Impatiens capensis</i>		yellowish white		
Alyssum	<i>Lobularia maritima</i>	Jun - Sep			
Lupin	<i>Lupinus sp.</i>	Jun - Jul	white, yellow or blue		minor

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Mallow	<i>Malva alcea</i>	Jun - Sep			
Alfalfa	<i>Medicago sativa</i>	July - Aug	khaki <sup>[3]</sup>	feral and cultivated	
Clover	<i>Melilotus</i> spp. and <i>Trifolium</i> spp.	May - Aug		feral and cultivated	
White Sweet Clover	<i>Melilotus alba</i>		auburn <sup>[3]</sup>	feral and cultivated	
Yellow Sweet Clover	<i>Melilotus officinalis</i>		auburn <sup>[3]</sup>	feral and cultivated	
Basil	<i>Ocimum basilicum</i>			ornamental	
Poppy	<i>Papaver orientale</i>	May - Jul	blueish grey	ornamental only	good source <sup>[4]</sup>
Poppy	<i>Papaver somniferum</i>	May - Jun	grey	feral and ornamental	very good source
Phacelia	<i>Phacelia tanacetifolia</i>	Jun - Sep	navy blue	feral and cultivated	good source
Smartweed	<i>Polygonum</i> spp.	Aug - Sep			
Common Chickweed	<i>Stellaria media</i>	Apr - Jul			minor source
Germander	<i>Teucrium chamaedrys</i>	Jul - Aug			
Alsike Clover	<i>Trifolium hybridum</i>		yellow brown		good source

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Crimson Clover	<i>Trifolium incarnatum</i>		dark brown		
White Clover	<i>Trifolium repens</i>	Jun - Jul	caledonian brown		good source
Cat-tail	<i>Typha latifolia</i>	Jun - Jul			
Common vetch <sup>[verification needed]</sup>	<i>Vicia cracca</i>	Jul - Aug			
Spring Vetch <sup>[verification needed]</sup>	<i>Vicia sativa</i>	Jul - Aug			
Sweet Corn	<i>Zea mays</i>	Jun - Jul	yellowish white	cultivated	

## Trees and shrubs - Fall

Common name	Latin name	Blooming months	Pollen color	Availability	Source for honeybees
<a href="#">Chinese Elm</a> , Lacebark Elm	<i>Ulmus parvifolia</i>	Aug - Sep		ornamental	good

## Flowers and annual crop plants - Fall

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<a href="#">Aster</a>	<i>Aster</i> spp.	Sep-Frost	reddish yellow		
<a href="#">Borage</a>	<i>Borago officinalis</i>	Jun - Frost			
<a href="#">Melons</a>	<i>Cucumis melo</i>	Jun-Frost		cultivated	
<a href="#">Sweet autumn clematis</a>	<i>Clematis ternifolia</i>	late Sept	white	ornamental	
<a href="#">Pumpkin</a>	<i>Cucurbita pepo</i>	Jun-Frost	bright yellow	cultivated	
<a href="#">Ivy</a>	<i>Hedera</i> spp.	Sep - Oct	dull yellow or black?	feral and ornamental	
<a href="#">Goldenrod</a>	<i>Solidago</i> spp.	Sep - Oct	golden	feral	