

Caneberries: Annual Care & Pruning

SJC Master Gardeners 2019

Monica Maggio, Core Home Fruit

CANEBERRY: Raspberries and Blackberries

There are 4 types of raspberries:

- Red Summer-bearing (fruit 1x, June-July)
- Black Summer-bearing (fruit 1x, June-July)
- Red Fall-fruiting (fruit 2x, June-July and Aug-frost)
- Yellow Fall-fruiting (fruit 2x, June-July and Aug-frost)

There are 3 types of blackberries:

- Erect
- Semi-erect
- Trailing

TERMINOLOGY	Good for all fruit:	Specific to each kind of fruit:
<p>Primocanes:</p> <ul style="list-style-type: none"> - First year of growth. - Most types produce no fruit on these canes. - Some primocane-fruiting varieties fruit on ends of primocanes. <p>Floricanes:</p> <ul style="list-style-type: none"> - Second year of growth. - Floricanes produce flowers & fruit, then die back. <p>Fruiting Lateral: horizontal growth branching off floricanes. Drupelet: collection of fleshy fruits.</p>	<ul style="list-style-type: none"> - Full sun; 6-8hrs everyday. - Raised or mounded planting beds/rows. - No grass or weeds. - Well draining soil. - Mulch. - Drip irrigation only! 	<ul style="list-style-type: none"> - Proper pH. - Proper irrigation. - Proper fertilization. - Proper pruning. - Proper harvesting.

ESTABLISHMENT: Raspberry	ESTABLISHMENT: Blackberry
<ul style="list-style-type: none"> - Plant in raised or mounded beds. - Amend with lots of organic matter. - Plant 2.5' between plants, and rows 8' apart. - Let runners fill in desired area. - Keep planting bed 1-2' wide max. - May need trellis to corral canes. 	<ul style="list-style-type: none"> - Plant in raised or mounded beds. - Amend with lots of organic matter. - Plant 5-6' apart and 10' between rows. - Trellis is helpful to support semi-erect and trailing varieties.

CULTURAL CARE	CULTURAL CARE	CULTURAL CARE: Harvest
<p>SOIL</p> <ul style="list-style-type: none"> - pH 5.5-6.5 - Plant in raised/mounded beds. - Amend beds with lots of organic matter before planting. <p>WATER</p> <ul style="list-style-type: none"> - 1-1.5 inches of water per week. - Approx. June-Sept. - 0.62 gallons per square foot to apply one inch of water. 	<p>FERTILITY</p> <ul style="list-style-type: none"> - 1/2-3oz Nitrogen per plant/year (depends on age). - Apply N in three parts in March, April, May. - Use a 16-16-16 organic fertilizer. <p>POLLINATION</p> <ul style="list-style-type: none"> - Self-fertile; only need one variety for fruit. <p>MULCH</p> <ul style="list-style-type: none"> - Compost and/or wood chips. 	<ul style="list-style-type: none"> - Pick fruit every 3 to 4 days. - Pick early in the day, but after dew has dried. - Pick into shallow containers to avoid crushing fruit.

Common Problems: Root Rot	Common Problems : Botrytis	Common Problems: Brown Marmorated Stink Bug	Common Problems: Spotted-Wing Drosophila
<ul style="list-style-type: none"> - Plant disease resistant cultivars. - Plant in well-drained soil on raised beds. - If older patch, establish new planting in new location. 	<ul style="list-style-type: none"> - Disease is promoted by a warm, moist environment. - Avoid overhead irrigation and late watering. - Prune to maintain an open canopy. 	<ul style="list-style-type: none"> - Cover plants with fine netting. - Encourage beneficial predators (samurai wasp <i>Trissolcus japonicus</i>). - Trap, vacuum, or net them when found. 	<ul style="list-style-type: none"> - Set out traps. - Use unpasteurized apple cider vinegar & a few drops dish soap. - Plant summer fruiting varieties...reduces fall fruit set.

PRUNING	PRUNING: Summer Fruiting Raspberries	PRUNING: Fall Fruiting Raspberries
<p>Only use clean, sharp tools!</p> <p>Clean tools with 70% rubbing alcohol.</p> <ul style="list-style-type: none"> - Apply then wait 10 seconds. - Clean between every plant. - Clean between diseased cuts. <p>Keep tools sharp – I can show you how!</p> <p>Keep tools well oiled. Use machine oil.</p>	<p>Step #1: Let primocanes grow spring/summer – do not cut these canes.</p> <p>Step #2: Enjoy fruit on existing floricanes.</p> <p>Step #3: In late fall/winter prune out all floricanes after they finish fruiting and have died back. Cut each floricone back to the base.</p> <p>Step #4: Attach remaining primocanes to a trellis or support as needed.</p>	<p>Step #1: Let all canes young and old grow spring/summer.</p> <p>Step #2: Attach canes to a trellis or support as needed.</p> <p>Step #3: Enjoy the fruit!</p> <p>Step #4: Mid-late winter cut all canes to the ground.</p>
PRUNING: Trailing Blackberries	PRUNING: Semi-Erect & Erect Blackberries	
<p>Step #1: Let primocanes grow spring/summer – do not cut these canes.</p> <p>Step #2: Enjoy fruit on existing floricanes.</p> <p>Step #3: In late fall/winter prune out all floricanes after they finish fruiting and have died back. Cut each floricone back to the base.</p> <p>Step #4: Attach remaining primocanes to a trellis or support as needed.</p>	<p>Step #1: Let primocanes grow spring/summer</p> <p>Step #2: Top prune primocanes when they reach 4-5' to encourage lateral branching.</p> <p>Step #3: Enjoy fruit on existing floricanes.</p> <p>Step #4: In late fall/winter prune out all floricanes after they finish fruiting and have died back. Cut each floricone back to the base.</p> <p>Step #5: In late fall/winter, also cut all lateral branching on primocanes to 2-3'.</p> <p>Step #6: Attach remaining primocanes to a trellis or support as needed.</p>	
RECOMMENDED VARIETIES: Raspberry	RECOMMENDED VARIETIES: Blackberry	
<p>Red Summer-bearing (fruit 1x, June-July) Meeker, Coho, Willamette, Cascade Delight, Cascade Bounty</p> <p>Black Summer-bearing (fruit 1x, June-July) Munger, Jewel</p> <p>Red Fall-fruiting (fruit 2x, June-July and Aug-frost) Heritage, Caroline</p> <p>Yellow Fall-fruiting (fruit 2x, June-July and Aug-frost) Fallgold, Anne, Kiwigold, Goldie</p>	<p>Trailing: Marion, Boysen, Kotata, Thornless Evergreen, Obsidian, Black Diamond, Everthornless</p> <p>Erect: Navaho</p> <p>Semi-Erect: Triple Crown, Chester Thornless, Prime-Ark 45</p>	

THANK YOU MASTER GARDENERS!

Works Cited:

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