Raspberries

- Red
- Yellow
- Black
Raspberries:

Pages 227 - 231

in your Master Gardener Handbook

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GROWING BERRIES on the OREGON COAST:
Raspberries and Blackberries

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Raspberries

Red summer-bearers or “fall bearers”

Yellow fruited summer-bearers or “fall bearers”

Black fruited raspberries are called “blackcaps”. All fruit in June
• Summer bearing
• Primocane bearing
Terminology:

- Primocanes
- Floricanes
- Drupelet
- Fruiting Lateral
Summer-bearing Raspberries:
Cultivars:

Summer-bearing Raspberries

Recommended for Western Oregon

Meeker

- Medium-large sized
- Excellent for processing
- Good flavor
- Some resistance to root rot

Willamette

- Medium sized fruit
- A bit dark when fully ripe
- Good flavor
- A bit susceptible to root rot
Cascade Dawn

New release (2005) from WSU

Productive
Excellent flavor, large fruit
Early season
Has some field resistance to root rot
Cultivars:

Tulameen

- Large sized fruit
- Firm berries
- A 55-day fruiting season
- Excellent flavor
- Susceptible to root rot

Summer-bearing Raspberries

Cultivars:

- Prelude
- Cascade Bounty
- Chemainus
- Cascade Delight
- Cascade Gold (yellow)
Planting Establishment:

Summer-bearing Raspberries

New primocane growth (on a raised bed)

At the end of year 1

These young, short primocanes will produce a “baby crop” in year 2
Management Systems:

Summer-bearing Raspberries

Hedgerow

Hedgerow is too wide
Management Systems:

Summer-bearing Raspberries

Hill System

Dormant hill
Pruning: Summer-bearing Raspberries

Step 1: Remove dead floricanes
Pruning: Summer-bearing Raspberries

Step 2: Thin primocanes

Step 3: Top primocanes
Training Systems:

Summer-bearing Raspberries

Hill System

Topped, bundle tie

“Tee-pee”

“Arc-cane”
Primocane-fruiting Raspberries:

- Dead fruiting lateral
- Tip portion of primocane that fruited dies
- Base of cane will produce a summer crop next year (floricane)

winter
Heritage

- Medium sized fruit
- Good flavor
- Some resistance to root rot

Kiwigold & Goldie

yellow-fruited clones of Heritage, nearly identical except fruit color
Cultivars:

Primocane-fruiting Raspberries

Anne

Vintage
Kokanee
Autumn Bliss
Joan J
Polka
Himbo Top
Planting Establishment:

Primocane-fruiting Raspberries
Pruning:

Primocane-fruiting Raspberries

For a June (floricane) & a fall (primocane) crop

Remove tip portion in winter

Early summer crop on base of floricanes in June
Pruning:

Primocane-fruiting Raspberries

For a fall (primocane) crop only

Leave about a 3-4” stubble

Primocanecanes grow in spring
Black Raspberries:
Black Raspberries

Cultivars:

Munger
- Small-medium sized fruit
- Firm berries
- Good flavor
- Susceptible to root rot

The commercial blackcaps grown are *Rubus occidentalis*

Our native blackcap, *R. leucodermis*, is great tasting

Canes have great fall color, but are very thorny
Cultivars:

Jewel

- Medium-large fruit
- Good flavor
- Some resistance to root rot
- More cold hardy than Munger
Cultivars:

Purple Raspberries

Brandywine

- Large sized fruit
- Good flavor
- Some resistance to root rot
- Cold hardy

Royalty

- Large sized
- Good flavor
- Some resistance to root rot
- Cold hardy
Planting Establishment:

Black Raspberries

Establish plants at 3-4’ in the row

Plant on well-drained soil or raised beds

Sunny location

Neutral pH
Pruning:

Black Raspberries

Summer pruning is required

Tipping to 2-3’ high

Primocane branches late summer

Pruned plant in winter
Black Raspberries

Temporary trellis

Plant in spring
Harvest:

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 in the Home Garden

Winter Cold Injury

Tips of floricanes injured by winter cold

Cane damage to blackcaps frequently
Common Problems in the Home Garden

Poor Pollination

Blackcaps are sensitive to poor fruit set (crumbly fruit)

Poor pollination in rain

Blackcaps are sensitive as bloom is early and flowers are held in a flat position
Common Problems in the Home Garden

Diseases - Viruses

Raspberry Bushy Dwarf Virus
RBDV

There is no control for infected plants
Common Problems in the Home Garden

Diseases - Root Rot

- **Floricane symptoms at harvest**
- **Primocane collapse in blackcaps**

- Plant resistant cultivars
- Plant in well-drained soil on raised beds
Common Problems in the Home Garden

Diseases - Anthracnose

Blackcaps are sensitive to anthracnose

Lesions have a gray center

• Maintain an open canopy
• Remove diseased canes right after harvest
• Use dormant lime sulfur
Common Problems in the Home Garden

Diseases - Verticillium

• Blackcaps are sensitive to verticillium

• Plants wilt and die in late summer

• Plant only certified plant material

• Avoid sites that had other sensitive hosts (Solanaceous)

• Remove and destroy infected plants. Do not replant in these areas
Common Problems in the Home Garden

Diseases - Botrytis

Botrytis on fruit and cane botrytis

- Disease is promoted by a warm, moist environment. Maintain an open canopy

- Avoid overhead irrigation and late watering

Note symptomatic rings

Photo: Pete Bristow
Common Problems in the Home Garden

Diseases - Yellow Rust

- Cultivate in late fall to bury/remove fallen leaves
- Remove and burn infected floricanes right after harvest
- Do not tie up new canes until all leaves have fallen
Common Problems in the Home Garden

Herbicide Damage

Phytotoxicity from Round-Up® is the most common herbicide problem in home gardens

Leaves are chlorotic and strap-like

• Avoid using this herbicide (or a 2,4-D product) anywhere near raspberries
Common Problems in the Home Garden

Heat/u.v. Damage

Red raspberries, in particular, are sensitive to damage from intense u.v. light.

Symptoms are white drupelets on the sun side of fruit.

- Shading reduces problem.
- Symptoms don’t occur in all years.
Insects – Spotted wing drosophila

• Eggs laid in developing fruit
• Late season crops most affected
