



Organic Bramble Production

Bramble Diseases

- Major
 - Viruses
 - Double blossom
 - Rusts
 - Crown Gall
 - Cane Blight
 - Phytophthora root rot
- Minor
 - Leaf spot
 - Verticillium wilt
 - Antracnose
 - Grey mold
 - Spur blight

Disease control

- Prevention
 - Good site
 - Proximity to other brambles
 - Clean plants (start with and maintain)
 - Air drainage/ open canopy
 - Alternate year bearing
 - Mulching
 - Harvest carefully/early/often

Resuce

- Organically approved (check with your state)
 - Copper
 - Sulphur

Alternative controls??

- AC10
- Armicarb 100
- Galltrol
- Kaligreen
- Messenger
- Mycostop
- Oxidate
- Serenade
- Tricodex
- Trilogy

Bramble Disease Control Strategies

Disease control considerations	Viruses	Double blossom	Verticillium wilt	Orange rust	Cane blights	Powdery mildew	Fruit rot
Aphid control (vectors)	++	-	-	-	-	-	-
Rouge infected plants	++	+	-	++	-	-	-
Speed drying (weeds pruning)		-	-	++	++	-	++
Prune 3 days before rain	-	-	-	-	++	-	-
Dispose of diseased pruned canes	-	++	+	+	++	-	-
Maintain plant vigor	-	+	-	-	++	-	-
Fungicide sprays	-	+	-	++	++	++	-
Harvest before overripe	-	-	-	-	-	-	++
Fruit storage conditions	-	-	-	-	-	-	++

Pest ID

- <http://www.hort.cornell.edu/departments/faculty/pritts/BerryDoc/Berrydoc.htm>
- State and county Extension personnel