

BOTRYTIS CONTROL

Summary of Effective Materials and Pertinent Information

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Fungicide	MOA	EPA Reg #	Rate	Comments
Camelot EL	Multisite	1812-381-499	1 tbls/gal. 48 oz./100 gal.	12 hr. REI Leaves some visible residue and burns most open flowers. Can not come in contact with aluminum. Labeled for several greenhouse vegetables.
Chipco 26019 WP	2	432-889	1.33 – 2.66 tsp/gal. 1-2 lbs./100 gal.	12 hr REI Leaves visible residue Good bloom safety.
Compass WDG	11	3125-350-59807	½ - 1 tsp/2.5 gal. 2-4 oz/100gal.	12 hr REI Leaves some visible residue Good bloom safety.
Daconil Ultrex WDG	Multisite	50534-202-10182	1 tbls/gal 1.4 lbs/100 gal.	12 hr REI Leaves some residue. Burns some flowers. Can not use with mist sprays or high pressure sprayers. Extra WPS requirements for 6.5 days.
Daconil Weather –Stik	Multisite	50534-209-100	1.33 tsp/gal. 22 oz/100 gal Do not add surfactant!	12 hr REI Leaves some residue Burns some flowers. Can not use with mist sprays or high pressure sprayers. Extra WPS requirements for 6.5 days.
Decree DF	17	66330-35-67690	1 rounded tsp/gal. 16 oz/100 gal	4 hr REI Safe on most blooms. Minimal residue. Very effective and long residual control. Will not wash off after 2 hours after applications.
Exotherm Termil	Multisite	70-223	1 can/1000 sq ft.	12 hr REI Leaves some residue Burns some flowers. Plant must be dry. Never use on poinsettia bracts. Extra WPS requirements for 6.5 days.

Medallion WSP	12	100-769	1 tsp/3 ½- 7 gal 1 pkt/50-100 gal.	12 hr REI Packet must be resealed. Very good plant and bloom safety.
Milstop	-	707870-1-68539	1 ½ tsp – 2 tbs/gal. 1.25-5 lbs/100 gal.	1 hr REI Rapid acting. Can be used on many ornamentals and vegetables. Do not add surfactant. Leaves some residue. Good plant safety. Use lower rates for poinsettia.
Oxidate	-	70299-2	0.5 oz/gal. 50 oz/100 gal. (preventative) 1.5 oz/gal. 150 oz/100 gal (curative)	No REI No visible residue. Good on most blooms. Identical to Zerotol.
Phyton-27 SC	multisite	49538-2	0.6-1.2 tsp/gal 10-20 oz/100 gal	24 hr REI Do not spray when leaves will be wet phytotoxicity.NO residue. Safe on many blooms. Final spray should have a pH between 5.5-6.5. Avoid spraying within 3 days of a B-9 application.
Plantshield HC	-	68539-4	½ oz/gal 50 oz/100 gal	No REI Significant residue. NO flower burn. Do not use with low volume applicators. Naturally occurring fungus.
Protect T/O WSP	Multisite	1001-65 1001-77 (Protect DF)	1 ½ tsp/gal. 1.5 lbs/100 gal. 1 tbs/gal for DF	24 hr REI Significant residue. Safe on most open blooms. Most effective as a preventative. Never use on marigolds or geraniums (Mn toxicity).

Rhapsody AS	-	69592-10	1.25 oz/gal. 1 gal/100 gal	4 hr REI No visible residue. Safe on most blooms. Tank mixable with most pesticides. Labeled for several edible crops.
Sextant	2	432-889	2-4 ½ tsp./gal 32-80 oz/100 gal	12 hr REI Leaves some residue. Safe on most blooms.
Spectro 90 WDG	multisite	1001-72	1-2 tbls/gal. 1-2 lbs/100 gal.	12 hr REI Visible residue Burns some blooms. Not labeled for foggers or mist blowers. WPS requirements for next 6.5 days.
Stature WP	15	241-411-67690	1 ½ tbls/gal 1.75 lbs/100 gal.	24 hr REI Leaves residue Safe on most blooms. Do not use on marigolds and geraniums.
Zero-Tol	-	70299-1	0.5 oz/gal. 50 oz/100 gal (preventative) 1.5 oz/100 gal 150 oz/100 gal (curative) Use 2 tsp/gal on poinsettia bracts	No REI No visible residue Safe on most blooms.
Zyban WSP	1	58185-31	4 tsp/gal 4 pkts/100 gal	24 hr REI Leaves visible residue Safe on most blooms. Do not use on marigolds and geraniums.

FUSARIUM CONTROL

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Fungicide	MOA	EPA Reg #	Rate	Comments
Banrot 40% WP	Multisite	58185-10	1 ½ tsp/gal. 12 oz/100 gal.	12 hr. REI
Cleary's 3336 WP and F	1	1001-63 (WP) 1001-63 (F)	16 oz/100 gal	12 hr REI 2-4 week intervals.
Companion	-	71065-1	16 oz/100 gal	4 hr REI beneficial bacteria – releases antibiotic. Mixable with most fungicides. Excellent plant safety. Not labeled for edible crops.
Heritage WDG	11	10182-408	Soil drench (0.2-0.9 oz/100 gal) 1-2 pints per sq ft of surface area.	4 hr REI Repeat every 7-28 days.
Medallion WSP	12	100-769	1 tsp/3 ½- 7 gal 1 pkt/50-100 gal.	12 hr REI Packet must be resealed. Very good plant and bloom safety.
OHP 6672 WP and L	1	51036-330-59807 (WP) 51036-329-59807 (F)	16 oz/100 gal (WP) 20 oz/100 gal (L)	12 hr REI 2-4 weeks repeating intervals.
Plantshield HC	-	68539-4	4 oz/100 gal	No REI Significant residue. No flower burn. Do not use with low volume applicators. Naturally occurring fungus. One applications per growing season typical.

PYTHIUM and PHYTOPHTHORA CONTROL

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Fungicide	MOA	EPA Reg #	Rate	Comments
Aliette 80% WDG	Multisite	432-890	6.4-12.8 oz/100 gal	12 hr REI Do not exceed 1 application in 30 days.
Alude	Multisite	71962-1-1001	0.33-0.66 oz/gal (spray) 1-2 qts/100 gal (spray) 6.25-12.66 oz/100 gal (drench)	4 hr REI Stimulates natural plant defenses. Protectant. Excellent plant safety.
Banrot 40% WP	Multisite	58185-10	1 ½ tsp/gal. 6-12 oz/100 gal.	12 hr. REI Can retreat after 4 weeks.
Companion	-	71065-1	16 oz/100 gal	4 hr REI beneficial bacteria – releases antibiotic. Mixable with most fungicides. Excellent plant safety. Not labeled for edible crops.
Plantshield HC	-	68539-4	½ oz/gal 50 oz/100 gal	No REI Significant residue. NO flower burn. Do not use with low volume applicators. Naturally occurring fungus.
Stature WP	15	241-411-67690	1 ½ tbs/gal 1.75 lbs/100 gal.	24 hr REI Leaves residue Safe on most blooms. Do not use on marigolds and geraniums.
Subdue MAXX ME	4	100-796	½ tsp/10 gal 1 oz/100 gal. ½ oz/100 gal (seed flats)	After treated area is dry. Do not exceed more often than once in 6 weeks.
Truban WP and EC	14	58185-7 (WP) 58185-8 (EC)	4-6 oz/100 gal (WP) 3-4 oz/100 gal (EC)	12 hr REI Apply to moist soil. Repeat applications can be made at 4-8 week intervals.

POWDERY MILDEW CONTROL

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Fungicide	MOA	EPA Reg #	Rate	Comments
Actinovate SP	-	73314-1	1 tsp/gal 12 oz/100 gal	1 hr REI Protectant and erradicant. Leaves some visible residue. Safe on open blooms. Edible crops on label.
Camelot EL	multisite	1812-381-499	1 tbls/gal. 48 oz./100 gal.	12 hr. REI Leaves some visible residue and burns most open flowers. Can not come in contact with aluminum. Labeled for several greenhouse vegetables.
Compass WDG	11	3125-350-59807	½ - 1 tsp/2.5 gal. 2-4 oz/100gal.	12 hr REI Leaves some visible residue Good bloom safety.
Cygnus WG	11	7969-124-58185	1-2 tsp/5 gal 1.6-3.2 oz/100 gal	12 hr REI Do not use with Capsil or other organosilicone surfactants. Most effective as a preventative. Slight bloom. Safe on blooms.
Daconil Ultrex WDG	Multisite	50534-202-10182	1 tbls/gal 1.4 lbs/100 gal.	12 hr REI Leaves some residue. Burns some flowers. Can not use with mist sprays or high pressure sprayers. Extra WPS requirements for 6.5 days.
Daconil Weather -Stik	Multisite	50534-209-100	1.33 tsp/gal. 22 oz/100 gal Do not add surfactant!	12 hr REI Leaves some residue Burns some flowers. Can not use with mist sprays or high pressure sprayers. Extra WPS requirements for 6.5 days.
Eagle 20 EW	3	62719-463	½ - ¾ tsp/gal 6-12 oz/100 gal.	24 hr REI Locally systemic, curative and protectant. Good plant and bloom safety.

Heritage WDG	11	10182-408	Soil drench (0.2-0.9 oz/100 gal) 1-2 pints per sq ft of surface area.	4 hr REI Repeat every 7-28 days.
Milstop	-	707870-1-68539	1 ½ tsp – 2 tbls/gal. 1.25-5 lbs/100 gal.	1 hr REI Rapid acting. Can be used on many ornamentals and vegetables. Do not add surfactant. Leaves some residue. Good plant safety. Use lower rates for poinsettia.
Oxidate	-	70299-2	0.5 oz/gal. 50 oz/100 gal. (preventative) 1.5 oz/gal. 150 oz/100 gal (curative)	No REI No visible residue. Good on most blooms. Identical to Zerotol.
Phyton-27 SC	Multisite	49538-2	1.5 tsp/gal 25 oz/100 gal	24 hr REI Do not spray when leaves will be wet phytotoxicity. NO residue. Safe on many blooms. Final spray should have a pH between 5.5-6.5. Avoid spraying within 3 days of a B-9 application.
Plantshield HC	-	68539-4	½ oz/gal 50 oz/100 gal	No REI Significant residue. NO flower burn. Do not use with low volume applicators. Naturally occurring fungus.
Protect T/O WSP	Multisite	1001-65 1001-77 (Protect DF)	1 ½ tsp/gal. 1.5 lbs/100 gal. 1 tbls/gal for DF	24 hr REI Significant residue. Safe on most open blooms. Most effective as a preventative. Never use on marigolds or geraniums (Mn toxicity).
Rhapsody AS	-	69592-10	1.25 oz/gal. 1 gal/100 gal	4 hr REI No visible residue. Safe on most blooms. Tank mixable with most pesticides. Labeled for several edible crops.
Spectro 90 WDG	multisite	1001-72	1-2 tbls/gal. 1-2 lbs/100 gal.	12 hr REI Visible residue Burns some blooms. Not labeled for foggers or mist blowers. WPS requirements for next 6.5 days.

Strike WDG (50)	3	3125-529- 59807	½ tsp/gal 2 oz/100 gal	12 hr REI Minimal residue. Excellent bloom safety. Knock down and residual activity. Do not apply more than twice in a 7 day interval – can cause growth retardation.
Synergy Super Fine Oil	-	48813-1- 75339	1.25-2.5 tbls/gal. 1-2 gal/100 gal	4 hr REI Full coverage needed. Apply when rapid drying will occur and when air temperature is less than 85oF. Labeled for many vegetables. Leaves a shiny residue and can burn flowers.
Terraguard 50 WP	3	400-433	2 2/3 tsp/gal (once) 16 oz/100 gal (once) 1 1/3 tsp/gal (regular) 8 oz/100 gal (regular)	12 hr REI Some visible residue.
Ultra-Fine Oil	-	862-23	1.25-2.5 tbls/gal. 1-2 gal/100 gal	4 hr REI Full coverage needed. Apply when rapid drying will occur and when air temperature is less than 85oF. Labeled for many vegetables. Leaves a shiny residue and can burn flowers.
Zero-Tol	-	70299-1	0.5 oz/gal. 50 oz/100 gal (preventative) 1.5 oz/100 gal 150 oz/100 gal (curative) Use 2 tsp/gal on poinsettia bracts	No REI No visible residue Safe on most blooms.
Zyban WSP	1	58185-31	4 tsp/gal 4 pkts/100 gal	24 hr REI Leaves visible residue Safe on most blooms. Do not use on marigolds and geraniums.

RHIZOCTONIA CONTROL

Summary of Effective Materials and Pertinent Information

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Fungicide	MOA	EPA Reg #	Rate	Comments
Banrot 40% WP	Multisite	58185-10	1 ½ tsp/gal. 6-12 oz/100 gal.	12 hr. REI Can retreat after 4 weeks.
Chipco 26019 WP	2	432-889	1.33 – 2.66 tsp/gal. 1-2 lbs./100 gal.	12 hr REI Leaves visible residue Good bloom safety.
Companion	-	71065-1	16 oz/100 gal	4 hr REI beneficial bacteria – releases antibiotic. Mixable with most fungicides. Excellent plant safety. Not labeled for edible crops.
Contrast 70 WSP	7	45639-208-58185	3-6 oz/100 gal	12 hr REI Retreat after 21-28 days. Systemic preventative and curative.
Medallion WSP	12	100-769	1 tsp/3 ½- 7 gal 1 pkt/50-100 gal.	12 hr REI Packet must be resealed. Very good plant and bloom safety.
OHP 6672 WP and L	1	51036-330-59807 (WP) 51036-329-59807 (F)	16 oz/100 gal (WP) 20 oz/100 gal (L)	12 hr REI 2-4 weeks repeating intervals.
Plantshield HC	-	68539-4	4 oz/100 gal	No REI Significant residue. No flower burn. Do not use with low volume applicators. Naturally occurring fungus. One applications per growing season typical.
Terrachlor 75% WP	14	400-399	4-8 oz/100 gal	12 hr REI Labeled for some vegetables grown as bedding.

THELAVIOPSIS CONTROL

Summary of Effective Materials and Pertinent Information

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Fungicide	MOA	EPA Reg #	Rate	Comments
Banrot 40% WP	Multisite	58185-10	1 ½ tsp/gal. 6-12 oz/100 gal.	12 hr. REI Can retreat after 4 weeks.
Chipco 26019 WP	2	432-889	1.33 – 2.66 tsp/gal. 1-2 lbs./100 gal.	12 hr REI Leaves visible residue Good bloom safety.
Medallion WSP	12	100-769	1 tsp/3 ½- 7 gal 1 pkt/50-100 gal.	12 hr REI Packet must be resealed. Very good plant and bloom safety.
OHP 6672 WP and L	1	51036-330-59807 (WP) 51036-329-59807 (F)	16 oz/100 gal (WP) 20 oz/100 gal (L)	12 hr REI 2-4 weeks repeating intervals.
Plantshield HC	-	68539-4	4 oz/100 gal	No REI Significant residue. No flower burn. Do not use with low volume applicators. Naturally occurring fungus. One applications per growing season typical.