



Solution Sheet

ENVU Solutions for Poinsettias

When it comes to managing pests and disease in poinsettias, Envu has the solution.

Insecticides

Altus®

Provides systemic control of whiteflies (all biotypes), mealybugs and thrips (suppression) with flexible spray or drench applications made anytime throughout the crop cycle.

Kontos®

Fully systemic in the xylem and phloem, protecting existing and new plant tissue from whiteflies, mealybugs and thrips.

Savate®

Provides excellent knockdown and residual control of all life stages of whiteflies (all biotypes) and spider mites including eggs and nymphs.

Fungicides

Broadform®

Helps maximize foliar disease control of Botrytis and other key pathogens causing leaf spots and dieback diseases with long lasting residual protection.

Aliette®

Fully plant systemic in the xylem and phloem protecting existing and new plant tissue from *Pythium* and *Phytophthora*.

Banol®

Excellent option for control of *Pythium* and *Phytophthora*, especially during early stages of production.

Chipco® 26019 FLO

Controls foliar and soilborne diseases of poinsettia including *Rhizoctonia*, *Botrytis*, *Fusarium* and common leaf spots.

Compass®

Safe for use during all stages of crop development providing control of *Rhizoctonia*, *Alternaria*, *Botrytis*, *Fusarium* and powdery mildew.

Fungicide Recommendations

Disease Target	Treatment	Frac/Irac Group	Best Time to Apply	REI*	Rate/100 Gal.	Longevity
Botrytis, Powdery Mildew, Rhizoctonia & Scab	Broadform	7 + 11	preventatively throughout the crop cycle; Rhizoctonia favors warm to hot temperatures (70° - 90° F)	12 hrs.	foliar 2 - 8 fl. oz.	7 - 14 days
Botrytis & Rhizoctonia	Chipco 26019 FLO	2	preventatively with temps around 70° F and 90% relative humidity prior to bract coloration	12 hrs.	foliar 1 - 2.5 qts.	10 - 14 days
Botrytis, Rhizoctonia & Powdery Mildew	Compass	11	preventatively throughout the crop cycle; Rhizoctonia favors warm to hot temperatures (70° - 90° F)	12 hrs.	foliar 1 - 4 fl. oz. drench 0.5 fl. oz.	10 - 14 days 10 - 14 days
Pythium & Phytophthora	Aliette	P07	preventatively throughout the crop cycle	12 hrs.	drench 6.4 - 12.8 oz.	21 days +
Pythium & Phytophthora	Banol	28	early preventative	24 hrs.	drench 20 - 30 fl. oz.	21 days +

Insecticide Recommendations

Pest Target	Treatment	Frac/Irac Group	Best Time to Apply	REI*	Rate/100 Gal.	Longevity
Whiteflies & Mealybugs	Altus	4D	foliar at first sign of insect activity	4 hr**	foliar 10.5 - 14 fl. oz.	14 - 28 days
			drench early preventatively	none	drench 3.7 fl. oz.	28 days +
Whiteflies, Mealybugs & Thrips	Kontos	23	foliar at first sign of insect activity	24 hr.	foliar 3.4 fl. oz.	14 - 28 days
			drench early preventatively	none	drench 3.4 fl. oz.	28 days +
Spider Mites, Lewis Mites & Whiteflies	Savate	23	foliar spray at first sign of insect activity	12 hrs.	foliar 1 - 4 fl. oz.	30 days

Pest and Disease Management Example Program for Poinsettia Production

Week	Treatment	Application	Frac/Irac Group	REI*	Rate/100 Gal.	Pest/Disease
24 hrs after sticking and again at 7 days	Chipco 26019 FLO	Foliar	2	12 hrs.	2 qts.	Botrytis & Rhizoctonia
3 (after root initiation)	Banol + Kontos	Drench	28 + 23	24 hrs.	25 fl. oz. + 3.4 fl. oz.	Pythium Whiteflies, Mealybugs & Thrips
7	Broadform	Foliar	7 + 11	12 hrs.	4 fl. oz.	Botrytis, Powdery Mildew, Rhizoctonia & Scab
8	Altus	Foliar	4D	4 hrs.**	14 fl. oz.	Whiteflies & Mealybugs
As Needed	Savate***	Foliar	23	12 hrs.	4 fl. oz.	Spider Mites, Lewis Mites & Whiteflies
11	Broadform	Foliar	7 + 11	12 hrs.	4 fl. oz.	Botrytis, Powdery Mildew, Rhizoctonia & Scab

*Restricted Entry Interval (REI)

**REI in California is 12 hours

***Note that not all poinsettia cultivars are tolerant to Savate during bract color development; it is recommended to test on a small number of plants before spraying an entire crop.