

Poinsettia Whitefly Control Options 2005- Revised 8/05

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Read and follow all pesticide label directions!! –All of the pesticide information contained in this bulletin is believed to be correct, not responsible for typographical errors. Pesticide labels change often. Products other than those listed may be legal and effective as well. Not all pesticides are labeled in all states.

Unless otherwise noted all foliar sprays mentioned in this bulletin will benefit from the addition of **CapSil** at 4-8 oz per 100 gallons (1/4 to 1/2 tsp per gallon). Do not apply **CapSil** more than once a week to the same plants.

Treatment Options Grouped by Crop Development Age (Listed alphabetically, choose 1):

<i>Planting to 2 weeks</i>	<i>Approximately 2 weeks after pinch</i>	<i>Early October to first blush of color</i>	<i>After bracts are present (if needed).</i>
*Distance soil surface spray	Flagship ¹ - 2 foliar sprays 14 days apart	*Distance foliar spray	*Azatin/Ornazin foliar sprays
Judo foliar spray	*Marathon ¹ granular or drench	Judo foliar spray	Foliar spray of: Flagship ¹ , *Marathon II ¹ , Safari ¹ , or *TriStar ¹ .
Talus foliar spray	Safari ¹ drench	Talus foliar spray	*Sanmite foliar spray
	*TriStar ¹ - 2 foliar sprays 14 days apart		Talus foliar spray
			*Thiodan smoke generator

*Registered in NY

¹ All of these products have a similar mode of action and should not be rotated with each other.

Product Details:

Azatin XL- 16 oz per 100 gallons (1 teaspoon per gallon). Insect growth regulator. Repeat at 7-day intervals. Begin applications before whitefly populations are high. Safe on bracts. Same active ingredient as Ornazin.

Distance (soil surface spray) at 6 oz per 100 gallons, (1/3 tsp per gallon). Must be done early enough that good soil contact is possible. Soil treatment provides control of the larval stages of fungus gnats and shoreflies while the foliage contact yields up to 30 days

of whitefly control. Insect growth regulator with translaminar movement. Do not apply after the first blush of color, not labeled for bracts.

Distance (foliar spray) apply at 8 oz per 100 gallon (1/2 tsp per gallon). Provides 30+ days of whitefly control. Do not apply after the first blush of color, not labeled for bracts. Insect growth regulator with translaminar movement.

Flagship (foliar spray) - 4 oz per 100 gallons (1/2 tsp per 3 gallons). Provides 2+ weeks of control. Translaminar movement. Safe on bracts.

Judo (foliar spray)- 2-4 oz per 100 gallons (1/8-1/4 tsp per gallon). 21+ days of control. Most effective against egg and immature stages. Unique mode of action and translaminar movement. Also controls mites for 28+ days. Bract safety has not yet been determined.

Marathon 1% G as a top dress or **Marathon WSP** as a soil treatment (see label for drench volumes). Make application 3-4 weeks after potting into final container. Use the maximum label rate for best results. Restricted Use Pesticide in NY.

Marathon II (foliar spray). Begin applications before pest populations are high. 1.7 oz per 100 gallons (1/2 teaspoon per 5 gallons). Reapply at 7-day intervals. Translaminar movement. Safe on bracts. Restricted Use Pesticide in NY.

Ornazin EC –16-20 oz per 100 gallons, (1 to 1 1/4 teaspoons per gallon). Insect growth regulator. Repeat at 7-day intervals. Begin applications before whitefly populations are high. Label says to trial on open bracts before large-scale applications. Same active ingredient as Azatin.

Safari (soil drench)- Drench soil at 12 oz per 100 gallons. Drench volume of 4 oz per 6” pot. This provides approximately 6 weeks of control for whiteflies and the larval stages of fungus gnats and shoreflies.

Safari (foliar spray)- Foliar sprays 8 oz per 100 gallons (1 tsp per gallon). Translaminar movement, 2+ weeks control. Safe on bracts.

Sanmite Contact control of adult whiteflies at 6 water-soluble packets per 100 gallons, (1 and 1/8 teaspoons per gallon). It is very important that CapSil be used as a surfactant to minimize visible residue. Safe on bracts.

Talus - Insect growth regulator. Use 1 water-soluble bag per 10 gallons of water. Effective for 14-28 days, maximum 2 applications per crop cycle. Safe on bracts.

Thiodan smoke generators are still giving a quick adult knockdown for many growers. Bracts and leaves must be dry to avoid phytotoxicity. The night temperature needs to be at least 65° for the night of the application to maximize effectiveness. Application rates are based on cubic feet instead of square feet. The label requires that ventilation requirements and a 24 hr REI be met before re-entering the treated area without the

required PPE for entry during the restricted entry interval. Thiodan smoke is a Restricted Use Pesticide in all states. Safe on bracts.

Thionex 3EC is safe on bracts only if used through low volume applicators such as cold-foggers, auto-foggers, or thermal foggers. If the fogger uses a carrier other than water be sure that carrier is approved for poinsettia bracts. The recommended rate is 8.5 fluid ounces per 10,000 square feet. Thionex is a Restricted Use Pesticide in some states.

TriStar (foliar spray) - 1 water soluble packet per 25 gallons. Label prohibits opening packets to measure smaller quantities. 2 + weeks of control, includes some ovicidal (egg) activity. Translaminar movement. Safe on bracts.