XXpire®

INSECTICIDE

For Use on Poinsettias

At a glance

- Two active ingredients: sulfoxaflor and spinetoram
- Unique mode of action
- Controls more than 39 chewing and sap-feeding insect pests
- With 2 different mondes of action, XXpire reduces the likelihood of resistance
- Group 4C and Group 5 chemical classes
- Not a neonicotinoid, and insects highly resistant to neonicotinoids are markedly less, or not at all, resistant to sulfoxaflor

Results

No visual symptoms of phytotoxicity or leaf spotting from insecticide residue were seen on any of the 14 cultivars.

TREATMENT TRIAL 1	
XXpire 100 gal rate	2.75 oz dry wt
NIS[1] 100 gal rate	6.0 fl oz
Water Vol/A	200 gal

FIRST TREATMENT
- 10 plants per cultivar
- 46-48 weeks growth stage
- Bracts were in color

SECOND TREATMENT
- 5 plants per cultivar
- 20 days after initial treatment

CULTIVAR
Pink
Winter Rose
Ice Punch
Jinglebell
Cinnamon
Polly's Pink
Monet
Da Vinci
Picasso
Orange Spice
Whitestar
Prestige

TREATMENT TRIAL 2	
XXpire 100 gal rate	3.5-7.0 oz dry wt
NIS[1] 100 gal rate	6.0 fl oz
Water Vol/A	200 gal

FIRST TREATMENT
- 14 plants per cultivar
- Full bracts

SECOND TREATMENT
- 14 plants per cultivar
- 7 or 14 days after initial treatment

CULTIVAR
Carousel Red
Orange Spice

[1]NIS: highly effective, non-ionic surfactant

Conclusions

All the poinsettia cultivars in these trials demonstrated excellent leaf and bract tolerance after two applications of XXpire at (2.75, 3.5 or 7 oz/100 gallons) + CapSil spray adjuvant (6 oz/100 gallons) applied at 7, 14 or 20 days apart. The varieties tested also showed no spotting from insecticide residues on the leaf surfaces.

XXpire has been tested on over 300 ornamental plant varieties for tolerance. Because it is not possible to test all possible tank mix combinations (including adjuvants), ornamental plant species, varieties, and cultivars, environmental factors, and varietal and plant stages of growth , it is recommended that a small group of test plants be treated at the specified use rate of XXpire either alone or in tank mix combinations and observed for at least 5 to 7 days to determine phytotoxicity before treating large numbers of those plants.

Poinsettia cultivar "Orange Spice"

Nontreated

14 DAA Treated with 3.5 oz. of XXpire

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