Industry Update Session

DISARM O Fungicide

OHP, INC.
Jeff Dobbs
Director Technical Service, Roswell GA
Disarm O™ fungicide

• Is a fungicide for the control of foliar, stem and root diseases on;
  – ornamentals in greenhouses,
  – field and container nurseries
  – and interiorscapes
  – and other enclosed structures.
  – Also select food crops under cover.
Disarm O

- Group 11 fungicide
- Active ingredient:
  - Fluoxastrobin.................................................40.3%
  - Inerts...............................................................59.7%
  - This product contains 4 pounds of fluoxastrobin per gallon (480 g per liter)
- Disarm Label has just been updated to include Ornamentals.
  - Again for the control of foliar, stem and root diseases in ornamentals for commercial production and in field grown ornamentals and ornamentals in greenhouses, interiorscapes and other enclosed structures
Disarm O

- The active moves rapidly into green tissue via translaminar and xylem movement and is rainfast in as little as fifteen minutes after application.
- Roots of plants also take up the active ingredient where it is translocated throughout the xylem of the plant to provide internal inhibition of fungal growth and protect the plant from new infections.
- This again is a strobilurin class which exhibits cross resistance to other Qol fungicides, such as trifloxystrobin, azoxystrobin, kresoxim-methyl. !! Also, Fenstop though not a strobie but MOA 11"!!
- Most effective when applied as a preventative
Labeled Diseases

• Leaf Blights/Spots
  – Anthracnose
  – Diplocarpon
  – Sclerotinia
  – Septoria leaf spot

• Powdery Mildews

• Rusts

• Flower Blights
  – Botrytis

• Shoot/Stem Disease

• Apply 1-4 fl. oz/100 gal every 7-28 days
  • Accept for those noted as
  • Apply 2-4 fl. oz/100 gal every 7-21 days
  • Accept for those noted as
  • Apply 4-8 fl. oz/100 gal every 7-21 days
Drench and Spray rates

- Soilborne Disease (crown spray)
- Soilborne Diseases (drench/spray)

  - Apply 1-4 fl. oz/100 gal every 7-28 days
  - Apply 0.15 to 0.6 fl. oz/100 gal, 1-2 pts. of solution per sq. ft. surface area (or enough solution to wet the growing media) 7-28 days
M. Daughtrey Cornell Univ. 09
Rhizoctonia control on Impatiens
Dr. Ann Chase 2009 Cercospora leaf spot on pansy

Disease severity (the number of spots per plant) recorded.

25 dat

Water Noninoc | Water Inocu | Insignia 12 oz | Heritage 2 oz | Disarm 0.4 oz | Compass 2 oz | Cygnus 0.6 oz | Veranda 0.7 oz | Endorse 1.5 lb
Control of *Ceratocystis* on Syngonium – D. Norman, U. FL
Control of Rhizoctonia root rot of nicotiana 2009
Hausbeck, Michigan State University