

2 New Fungicides

Merivon- BASF



Proline- Bayer



1 New Nematicide

Nimitz- ADAMA= (formerly MANA)



New Labeled Products in 2014



merivon™
WITH XEMIU

- Strobilurin (Group 11) + SDHI (Group 7)
Pyraclostrobin(21.2%) + Fluxapyroxad(21.2%)

- Similar to  (sweet corn + fruiting veg)
Pyraclostrobin(28.6%) + Fluxapyroxad (14.3%)

- Broad Spectrum Fungicide
 - High Risk for Resistance
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merivon™
WITH XEMIMUM

- Bulb Vegetables (Onions) (11 floz/A)
 - Purple Blotch
 - Botrytis neck rot
 - Botrytis leaf blight
 - Downy Mildew
- Cucurbit Crops (5.5 floz/A)
 - Powdery Mildew
 - Gummy Stem Blight
 - Alternaria
 - Anthracnose
 - Target Spot
- Leafy Vegetables (not brassicas)





- Onions
 - Good replacement for Pristine for Onion Diseases
 - Cucurbit crops
 - Fluxapyroxad seems to provide similar control on Gummy Stem as Fontelis (Penthiopyrad) better than Fontelis on Powdery
 - Pyraclostrobin component (Cabrio, Headline) should provide control of Anthracnose, and Alternaria
 - Not sure about Target spot.
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- **Prothioconazole Group (3) Fungicide (sterol inhibitor)**
- **Cucurbit Crops (5.7 floz/A)**
 - **Fusarium Wilt**
 - **Gummy Stem Blight**
 - **Powdery Mildew**
 - **Southern Blight**





PROLINE

- Best fungicide we have tested for Fusarium wilt
 - Longer residual control than Quadris
 - Typically do not see phytotoxicity
- Application Method
 - At plant drench most effective
 - Not labeled for Pre-plant application
 - Banded Spray has worked on bare ground watermelons
 - Banded spray application on plastic mulch not as effective (Multiple applications better)
 - Drip applied may work but probably need multiple applications (2wk) interval

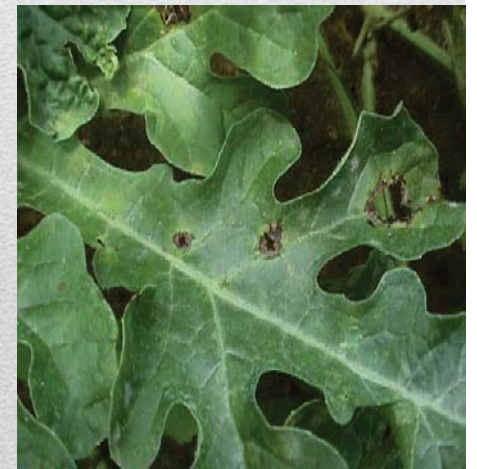
Proline

Fusarium Wilt





- Excellent Activity on Gummy Stem Blight
 - Resistance management is critical
 - Do not rotate with Tebuconazole products
 - Do not rotate with Luna Experience
- Excellent Activity on Powdery Mildew
 - Good rotation partner
 - Torino on Squash
 - Torino, Quintec on Watermelons and Cantaloupe
- Positive Data on Anthracnose of Watermelon



Proline on other cucurbit diseases



- Non-Fumigant Nematicide
 - Active: Fluensulfone
 - True Nematicide (effective on all nematode species)
- EC Formulation
- Signal word “**Caution**” Telone EC “**Warning**”
Vydate L “**Danger**”
- Fruiting Veg (Crop Group 8)
- Cucurbits (Crop Group 9)

