GARLIC/ONION UPDATE

NICK HIGGINS
Dow Products for Onions and Garlic

- Goal 2XL
- Goal Tender
- Dithane F-45
  - Reg on onions, garlic, lettuce, broccoli, tomatoes, etc
- Radiant SC
- Lorsban 15G
The waxy cuticle on cole crops and onions protects them from fertilizers and herbicides.
• Only GoalTender has this label.
• Apply GoalTender after all onions have at least one true leaf fully emerged, extended and developed.
• The second true leaf should be visible at the time of application.
  > The cotyledon ("flag leaf") is not the first true leaf.
• Do not apply when air temperatures are below 40°F at any time during the seven day period before application, or if air temperatures are expected to be below 40°F during the seven day period after the planned application.
Many situations arise where it is not appropriate to apply Goal Tender at the 1 true leaf stage.

- Weed spectrum
- Dominant weed species
- **Size** of weeds
1 day post treatment – 4 oz GOAL 2XL
Waited for 2nd true leaf instead of applying GT
Two true leaves with necrotic flag leaf
Thrips hide deep in onion sheaths/under cuticles
Western Flower Thrips in Romaine
J. Palumbo, Yuma, AZ, 2012

No. immatures/plant

oz/acre

Radiant 62 gal
Radiant 24 gal
Lan+War 62 gal
Lan+War 25 gal
Torac 62 gal
Torac 24 gal
Untreated

3dat-1
7dat-1
10dat-1
4dat-2
7dat-2
11dat-2
Western Flower Thrips
Best Practices against thrips

- **Ground applications are recommended by Dow**
- Use adequate water volumes and pressure
- Add a surfactant to break surface tension of spray droplets and improve coverage
- Keep pH of spray solution above 6
- Don’t start applications based on edge infestations
- Do not rotate between Success/Entrust SC and Radiant SC
Thanks for your support
HOPE YOU HAVE A GREAT YEAR IN 2014. THANK YOU.