Weed Control Strategies in Tomato

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Current registrations with nutsedge control

• Eptam
• Brawl/Dual Magnum
• Matrix
• Envoke
• Sandea
• League
• Reflex
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League

• Active ingredient: imazosulfuron
• Rates: 4 to 6.5 oz./A
• Tomatoes: PRE under the mulch or POST over the top of the crop
• Pepper: Row middles and POST-Directed to the base of the crop
• 21 day preharvest interval
Carryover restrictions

• 8 months
  – Cucumber, cantaloupe, lettuce, greens

• 9 months
  – Cabbage, squash
Effect of Dual Magnum 1 pt./A, Reflex 1 pt./A and League 4 oz./A on nutsedge control at 58 days after PRE and 28 days after POST.
Current registrations with nutsedge control

- Eptam
- Brawl/Dual Magnum
- Matrix
- Envoke
- Sandea
- League
- Reflex
Reflex

• Indemnified label
• www.farmassist.com
  – Upper left hand corner “Products”, then “indemnified labels”
Reflex

• Active ingredient: fomesafen
• Rate: 1.0 – 1.5 pt./A
• Not Miami-Dade County
• Apply PRE under the plastic
• Excellent control of yellow nutsedge, grasses, pigweeds, purslane, morningglories
• Good control of purple nutsedge
Carryover restrictions

• 10 months:
  – corn, sorghum

• 18 months: “or any crop within”
  – Squash, watermelon, cantaloupe, cucumber
  – Cabbage
Effect of Dual Magnum 1 pt./A, Reflex 1 pt./A and Sandea 0.75 oz./A on nutsedge control at 11 days after PRE application.
Effect of Dual Magnum 1 pt./A, Reflex 1 pt./A and Sandea 0.75 oz./A on nutsedge control at 25 days after PRE application.
Effect of Dual Magnum 1 pt./A, Reflex 1 pt./A and Sandea 0.75 oz./A on nutsedge control at 74 days after PRE/24 days after POST applications.

![Graph showing nutsedge control (%)]
Current registrations with nutsedge control

• Eptam
• Brawl/Dual Magnum
• Matrix
• Envoke
• Sandea
• League
• Reflex
Devrinol DF-XT

• Active ingredient: napropamide
• Rates: 2-4 lb./A.
• Apply PRE under the plastic
• Weeds controlled: Several grass species, common purslane, pigweeds, Florida pusley
• Active ingredient is the same the difference is a surfactant to prevent degradation in the sun
Questions.

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