Industry Update Session

OHP, INC.

Weed Science - Herbicides

Jeff Dobbs
Director Technical Service, Roswell GA
Herbicides

• Casoron – diclobinal

• Also developing a combination product that we are calling “Biathlon” or OHP 52908
  – OHP 52908 will require plant safety studies as well as the weed spectrum controlled
“Biathlon” OHP 052908 Experimental Granular Pre-emergent Herbicide

<table>
<thead>
<tr>
<th>Product Name</th>
<th>OHP 052908, Experimental Granular Pre-emergent Herbicide</th>
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</thead>
<tbody>
<tr>
<td>Active Ingredient</td>
<td>0.75% prodiamine</td>
</tr>
<tr>
<td></td>
<td>2.00% oxyfluorfen</td>
</tr>
<tr>
<td>EPA Reg#</td>
<td>59807-xxxx</td>
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<tr>
<td>EPA Est. No.</td>
<td></td>
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<tr>
<td>Other information</td>
<td>See MSDS</td>
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</table>

- This is a combination product.

- It is a pre-emergent herbicide formulated as a granular.

- To be labeled for container and field nursery plantings.

- OHP 052908 has been tested in field programs for the past two year and this year through IR-4.
“Biathlon” OHP 052908 Experimental Granular Pre-emergent Herbicide

- Rates evaluated are 100, 200 and 400 lb formulated product.
- Residual activity is looking extremely good as is the spectrum of weeds controlled.
- OHP is currently drafting a label
- OHP is expecting to submit label early to mid 2010
Current data is supporting control

• **GRASSY WEEDS**
  
  • Annual bluegrass  
    
  • Barnyardgrass  
    
  • Crabgrass  
    
  • Spangletop  

(Poa annua)

(Echinochloa crusgalli)

(Digitaria sanguinalis)

(Leptochloa uninervia)
Current data is supporting control

- **BROADLEAVED WEEDS**
  - Bittercress (*Cadamine pennsylvanica*)
  - Common Chickweed (*Stellaria media*)
  - Cudweed (*Gnaphalium obtusifolium*)
  - Dandelion (*Taraxacum officinale*)
  - Eclipta (*Eclipta prostrata*)
  - Fleabane (*Erigeron strigosus*)
  - Fireweed (*Epilobium angustifolium*)
  - Groundsel (*Senecio vulgaris*)
  - Marestail (*Gonyza Canadensis*)
  - Oxalis (*Oxalis stricta*)

- **Weeds**
  - Pearwart (*Sangina procumbens*)
  - Pepperweed (*Lepidium virginicum*)
  - Pigweed (*Amaranthus retroflexus*)
  - Shepherdspurse (*Capsella bursa-pastoris*)
  - Sowthistle (*Sonchus arvensis*)
  - Spurge, Garden (*Euphorbia hirta*)
  - Spurge, Prostrate (*Euphorbia supine*)
  - Spurge, Spotted (*Euphorbia maculate*)
Commelina benghalensis Benghal dayflower/Tropical spiderwort - Robert Stamps – UFL 2008

% germination of second set of seeds sown July 22 08

- 44 DAT
- 64 DAT
Chamaesyce Macuilata  Spotted Spurge  
Robert Stamps – UFL 2008

% germination of weeds
sown June 23 08

OHP 052908 2.75  Showcase 3.75  Rout 3.0  FreeHand 3.5  BroadStar 3.75  UTC

15 DAT  30 DAT