Matching Future Requirements with a New Molecule

Bayer CropScience – September 13, 2011
Introduction

- **Development code:** BYI 02960

- **Indication:** Insecticide (xylem mobile)

- **Mode of action:** Nicotinic acetylcholine receptor agonist

- **Core formulations:** SL200 (foliar & soil), FS480 (seed treatment)

- **Submission timing:** Mid-2012

- **Chemistry introduction:** 2011 ESA Annual Meeting, Reno
Involvement with Minor Uses (IR-4 & PMC)

- **Studies in Progress** (to be included in the initial submission)
  - Blueberry  *[IR-4 PR No: 10637]*
  - Clover (seed crop)  *[IR-4 PR No: 10722]*
  - Prickly Pear Cactus  *[IR-4 PR No: 10747]*

- **Additional Requests**
  - Tomato  *(GH)*
  - Pepper  *(GH)* – PMC
  - Cucumber  *(GH)*
  - Lettuce  *(GH)* – PMC
  - Pomegranate
  - Raspberry  – IR-4 & PMC pending
Blueberry Global Residue Project Status (IR-4 & PMC)

- **LOWBUSH Blueberry:**
  - 3 trials in Nova Scotia (one decline)
  - 1 trial in Maine

- **HIGHBUSH Blueberry:**
  - 2 trials in New Jersey
  - 3 trials in Michigan (one decline)
  - 2 trials in North Carolina
  - 1 trial in Oregon
  - 1 trial in Quebec

- **European trials**
  - 1 trial in Spain (decline)
  - 1 trial in Denmark
  - 2 trials in the UK (both declines)
  - 1 trial in Italy (low bush w/decline)

Note: 2 trials using “protected” crop.

- **Other Sites (HIGHBUSH)**
  - 4 trials in Australia (one decline)
  - 2 trials in New Zealand
  - 3 trials in Chile (one decline)

27 total field sites in 9 countries
Benefits

- Available data indicate good pollinator safety profile
- Excellent insect control during bloom
- Key target pests – indications of quick KD & residual control:
  - Aphids, Leafhoppers, Whiteflies, Psyllids, certain Scales & Thrips
- Anticipating eventual registration on many:
  - Broad-Acre Crops;
  - Vegetable Crops; and,
  - Tree, Nut, and Vine Crops
BYI 02960

Questions?