Kixor® Herbicide

A New Herbicide Active Ingredient
For Preplant Burndown & Preemergence
Broadleaf Weed Control, and for Harvest Aid / Desiccation

Craig Kleppe, Product Registration Manager
IR-4 Food Use Workshop
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Kixor® Herbicide

Regulatory Status

- Full data package submitted for registration in January 2008
- Trilateral workshare review conducted in Australia, Canada and USA
- Favorable toxicology, ecotoxicology, and environmental profile
- Pyrimidinedione class of chemistry – PPO inhibitor
- 35 Tolerances (14 crop, 21 animal) established for Saflufenacil:
  - vegetable legumes CG 6, 7
  - fruit trees CG 10, 11, 12
  - nut trees CG 14, almond hulls, pistachio
  - cereal grains CG 15, 16
  - cotton undelinted seed, gin byproducts
  - sunflower seed
  - Grape
  - animal milk, meat, fat, liver, meat byproducts (except liver)
- EPA Section 3 registration granted September 11, 2009
- Market introduction in 4Q 2009
Kixor® Herbicide
Biological Profile

**Application Rates**
- Foliar Burndown: 25 - 50 g ai/ha, Soil Residual: 50 - 125 g ai/ha

**Weeds Controlled**
- Over 70 broadleaf weeds including glyphosate-, ALS-, and triazine-resistant biotypes, and glyphosate weed gaps

**Labeled Crops**
- Corn (grain, silage), popcorn, grain sorghum, soybean, dry field pea, chickpea (garbanzo bean), wheat (durum, spring, winter), barley, oats, cotton, sunflower (harvest aid/desiccation), fallow, postharvest, citrus trees (10), pome fruit trees (2), nut trees (3)
# Kixor® Herbicide Family of Products

## Liquid EC
**Use Rate:** 10 to 16 fl oz/A
- Corn (field & silage)
- Popcorn

## Dry WG
**Use Rate:** 1 oz/A
- Citrus
- Pome Fruit
- Tree Nut

## Liquid SC
**Use Rate:** 1 to 4 fl oz/A
- Cereals
- Corn
- Cotton
- Fallow
- Grain Sorghum
- Pulses
- Soybean
- Sunflower (desiccation)

## Dry WG
**Use Rate:** 1.5 to 2 oz/A
- Soybean
- Pulses
Potential IR-4 Food Uses:

- Post-Directed Burndown (and Row Middles):
  - Cane and Bush Berries (CG 13),
  - Other tropical/subtropical fruits (trees, shrubs, vines), pomegranate, kiwifruit
  - Olive
  - Lack of crop tolerance known in fig and avocado

- Harvest-Aid / Desiccation:
  - Potato (efficacy known)

Other Non-Food or Feed Uses:

- Forage grasses (pasture, biofuels)

Consult BASF regarding target use rates for crop tolerance testing