

# Chemical Factsheet

## Trifloxysulfuron

### General Information

- Product Names:
  - Invoke** (Syngenta)
  - Monument** (Syngenta)
- Chemical Class: Sulfonylurea herbicide
- Uses: Asparagus, melon, citrus, corn, eggplant, grapefruit, honeydew, mango, sweet potato, tomato, papaya, cotton, nuts, sugarcane
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

### Health and Environmental Effects

*See citations at end of document.*

- Cancer: Not likely (1)
- Endocrine Disruption: Not documented
- Reproductive Effects: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Yes (1)
- Sensitizer/ Irritant: Yes (1)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Yes (2)
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Not documented
- Toxic to Bees: Not documented

### Additional Information

- Regulatory Status:
  - [Federal Register. March 21, 2003](#)

### Gateway Health and Environmental Effects Citations

1. Federal Register. March 21, 2003.  
<http://www.epa.gov/fedrgstr/EPA-PEST/2003/March/Day-21/p6822.htm>

Factsheet generated on May 24, 2026