

# Chemical Factsheet

## Pyraflufen-ethyl

### General Information

- Product Names:  
**Vida** (Gowan)  
**ET-751** (Nichino)
- Chemical Class: Phenyl pyrazole class of chemicals called protox inhibitors
- Uses: registered as a defoliant in cotton, a dessicant in potatoes, and to control broad-leaf weeds in field corn, cotton, potatoes, soybeans, wheat, nonbearing crops (tree fruit, tree nut, and vine crops), and non-crop areas.
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

### Health and Environmental Effects

*See citations at end of document.*

- Cancer: 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: Minimal (1)
- Toxic to Birds: Relatively non-toxic (1)
- Toxic to Fish/Aquatic Organisms: Yes (1)
- Toxic to Bees: Relatively non-toxic (1)

### Additional Information

- Supporting information:
  - PAN Pesticides Database: [Pyraflufen-ethyl](#) (Pesticide Action Network)
  - California Department of Pesticide Regulation Public Report: [Pyraflufen Ethyl](#)

### Gateway Health and Environmental Effects Citations

1. California Department of Pesticide Regulation, Public Reports on New Active Ingredients  
<http://www.cdpr.ca.gov/docs/registration/ais/publicreports/publicreports.htm>

Factsheet generated on February 1, 2026