

# Chemical Factsheet

## Dicamba

### General Information

- Fact Sheet: [Dicamba.pdf](#)
- Product Names:
  - Scotts LawnPro Step 2 Weed Control Plus Fertilizer 29-3-3** (Scotts Company), formulated with [2,4-D](#)
  - Virgoro Ultra Turf Weed & Feed** (Spectrum Brands), formulated with [2,4-D](#), [Mecoprop-p](#)
  - Spectracide Pro Broadleaf Weed** (Spectrum Brands), formulated with [2,4-D](#), [Mecoprop-p](#)
  - Scotts Weed and Feed 22-3-3** (Scotts Company), formulated with [2,4-D](#), [Mecoprop-p](#)
  - Bonide Brushkil Poison Oak & Ivy Killer** (Bonide Products), formulated with [2,4-D](#)
- Chemical Class: Benzoic acid herbicide
- Uses: Agricultural, industrial, and residential settings. Different forms of dicamba (acid and salts) have registered uses on rights-of-way areas, asparagus, barley, corn, grasses grown in pasture and rangeland, oats, proso millet, rye, sorghum, soybeans, sugarcane, and wheat, golf courses and lawns.
- Alternatives: [Organic agriculture](#), [Organic lawns care](#)
- Beyond Pesticides rating: [Toxic](#)

### Health and Environmental Effects

*See citations at end of document.*

- Cancer: Suggestive (1, 2)
- Endocrine Disruption: Not documented
- Reproductive Effects: Yes (3)
- Neurotoxicity: Yes (3)
- Kidney/Liver Damage: Yes (4)
- Sensitizer/Irritant: Yes (4)
- Birth/Developmental: Yes (5)
- Detected in Groundwater: Yes (3)
- Potential Leacher: Yes (6)
- Toxic to Birds: Yes (7, 8)
- Toxic to Fish/Aquatic Organisms: Yes (3)
- Toxic to Bees: Not documented

### Residential Uses as Found in the ManageSafe™ Database

- [Dandelions](#)
- [Chickweed](#)

### Additional Information

- Regulatory Status:
  - [EPA's Dicamba Background and Updates](#)

- [Beyond Pesticides Comments](#) (September 2025)
- [Registration of Dicamba for Use on Dicamba-Tolerant Crops](#) (July 2025)
- [EPA Announces Proposed Decision to Approve Registration for New Uses of Dicamba, Outlines New Measures to Protect Human Health, Environment](#) (July 2025)
- [Beyond Pesticides Comments](#) (July 2024)
- [Beyond Pesticides Comments](#) (June 2024)
- [Registration of Dicamba for Use on GE Crops](#)
- [Monsanto Petitions for Determinations of Nonregulated Status for Dicamba-Resistant Soybean and Cotton Varieties: Final Environmental Impact Statement](#) (December 2014)
- [EPA Reregistration Eligibility Decision \(RED\)](#) signed (6/2006)
- Supporting information:
  - [Daily News Blog entries](#) (Beyond Pesticides)
  - [Asthma, Children and Pesticides](#) (Beyond Pesticides)
  - [NCAP Pesticide Factsheet](#) (Northwest Coalition for Alternatives to Pesticides)
  - [PAN Pesticides Database:Dicamba](#) (Pesticide Action Network)
  - [NPIC Dicamba Factsheet](#) (National Pesticide Information Center)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [Dicamba drift affects non-target plants and pollinators](#) (Penn State, 2015)
  - [Comparison of pesticide levels in carpet dust and self-reported pest treatment practices in four US sites](#). Colt, Joanne et. al.2004. *Journal of Exposure Analysis and Environmental Epidemiology* 14, 74-83.
  - [Do Pesticides Affect Learning Behavior?](#) Porter, Warren. 2004. *Pesticides and You* (Beyond Pesticides).
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  - [Proximity to residential and workplace pesticides application and the risk of progression of Parkinson's diseases in Central California](#). Li, S. et al. (2022) Proximity to residential and workplace pesticides application and the risk of progression of parkinson's diseases in Central California, *Science of The Total Environment*. Available at: <https://www.sciencedirect.com/science/article/pii/S0048969722079542>.
  - [Persistence of triclopyr, dicamba, and picloram in the environment following aerial spraying for control of dense pine invasion](#). Rolando, C.A. et al. (2023) Persistence of Triclopyr, dicamba, and Picloram in the environment following aerial spraying for control

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  - [Beyond the field: How pesticide drift endangers biodiversity](#). Albaseer, S. et al. (2024) Beyond the field: How pesticide drift endangers biodiversity, *Environmental Pollution*. Available at: <https://www.sciencedirect.com/science/article/pii/S0269749124022437>.
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## Gateway Health and Environmental Effects Citations

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