

# Chemical Factsheet

## Corn Gluten Meal

### (Corn Glutens)

#### General Information

- Product Names:
  - WOW PLUS** (Gardens Alive! Inc )
  - Weedban** (The Fertrell Company)
  - Safe 'N Simple Pre-emergence Weed Control 9-0-0** (Blue Seal Feeds, Inc.)
  - Weed Prevention Plus 8-2-4** (Woodstream Corporation)
  - Soil Mender Corn Gluten Meal** (Soil Mender Products )
  - Nature's Guide Corn Gluten Meal** (Nature's Guide)
- Chemical Class: Biological herbicide
- Uses: [Lawns/broadleaf plants](#)
- Beyond Pesticides rating: [Least-toxic](#)

#### Health and Environmental Effects

*See citations at end of document.*

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

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

- [Dandelions](#)
- [Ants](#)
- [Annual Bluegrass](#)
- [Crabgrass](#)
- [Knotweed](#)
- [Plantains](#)

#### Additional Information

- Regulatory Status:
  - [EPA Factsheet](#) (11/2002)

- Supporting information:
  - [NCAP Pesticide Factsheet](#) (Northwest Coalition for Alternatives to Pesticides)
  - [PAN Pesticides Database](#): (Pesticide Action Network)
- Studies:
  - [Corn gluten meal application methods for organic weed control and squash production](#). Webber, C. and Shrefler, J. Proceedings of the 26th Oklahoma-Arkansas Horticultural Industry Show, January 5-6, 2007, Ft. Smith, Arkansas. 25:112-114.
  - [Herbicidal activity of hydrolyzed corn gluten meal on three grass species under controlled environments](#). Liu et al. 2005. *Journal of Plant Growth Regulation*
  - [Greenhouse Screening of Corn Gluten Meal as a Natural Control Product for Broadleaf and Grass Weeds](#). Bingaman and Christians. 1995. *Hortscience*.

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