

## Organic Weed Control Products for use in Lawns

Shawn D. Askew, Associate Professor, Virginia Tech

- **Organic pesticides are chemicals that kill pests, just like synthetic pesticides.**
- **Many organic pesticides share the same molecular structures as their synthetic counterparts and are not necessarily safer. Be aware that these are often labeled “nonchemical,” alternatives.**
- Most organic weed control products kill/injure desirable turf and are best used on seedling weeds in landscape beds.
- Corn gluten meal is the only selective organic herbicide that exists for home lawns but **it also contains 9% Nitrogen** which is better suited for cold season grasses in cooler climates. When using corn gluten meal, reduce the recommended rate of 20lbs/1000sq ft to 10 pounds, and supplement the program by hand pulling escaped crabgrass and other weeds. This prevents turf harm from excess fertility and still avoids or reduces the use of synthetic herbicides.

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<b>Some Organic Weed Control Products Marketed for Use in Lawns.</b>		
<b>Active ingredient</b>	<b>Product Names</b>	<b>Uses</b>
Acetic acid (vinegar)	Weed/Grass Killer, Natural Weed Control, Erath Earth, Maestro-Gro Blackjack 21, Burnout Weed & Grass Killer	Nonselective, seedling weed control.
Ammoniated soap of fatty acid	Garden Safe Weed & Grass	Nonselective, seedling weed control.
Cinnamon Bark	AgraLawn Crabgrass Killer, Garden Weasel	Crabgrass control in warm-season lawns.
Cinnamon oil, rosemary oil	Organic Weed Killer	Nonselective, seedling weed control.
Citric acid	Burnout 2, Natural Weed Control	Nonselective, seedling weed control.
Citrus oil (d-limonene)	Nature’s Avenger, Worry Free Weed & Grass Killer	Nonselective, seedling weed control.
Clove oil	EcoSmart, Bioganic Weed & Grass Killer, Burnout 2	Nonselective, seedling weed control.
Corn gluten (Alaninyl-alanine)	Amaizeingly Green, Corn Weed Blocker, Espoma Green, Weed Man, WOW!, NaturO, Jonathan Green Organic Weed Control, Safe-T-Weed, Gard’n-Wise Organics, Dynaweed, Concern Weed Prevention Plus	Preemergence weed control in turfgrass. 9% slow-release nitrogen source by weight.
Ethanoic acid	Burnout Weed & Grass Killer	Nonselective, seedling weed control.
Thyme oil	Bioganic Weed & Grass Killer	Nonselective, seedling weed control.
Iron HEDTA	Weed Beater FE, Iron X, Fiesta Turf Weed Killer	Selective postemergence control or suppression of broadleaf weeds in turf