

Products compatible with Montgomery County’s Pesticide Law

The County does not endorse active ingredients or specific products or brands for use in lawns or landscapes. The list below is intended to assist with requests for alternatives to synthetic pesticides, and is not comprehensive.

Products allowed under Montgomery County’s pesticide law must be listed by the National Organics Standards Board or designated as a minimum risk pesticide under FIFRA 25(b).

Products must also be registered for use by the Maryland State’s Chemist Office, and the registered list changes annually. As a distributor, retailer, or applicator you must ensure products are registered.

Registered products are posted at mda.maryland.gov/plants-pests/Pages/state_chemist_reports.aspx

HERBICIDES—ACTIVE INGREDIENTS	Examples of Product Names (2020 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Acetic Acid	<ul style="list-style-type: none"> • Nature’s Wisdom 20% Vinegar Herbicide • Green Gobbler 20% Vinegar Weed Killer • Vinagreen
Ammonium nonanoate	<ul style="list-style-type: none"> • AXXE • BioSafe Weed Control • Ortho Groundclear Weed and Grass Killer
Ammonium soap of fatty acids	<ul style="list-style-type: none"> • Bayer Adv Natria Grass and Weed Killer • Finasan-O • Finlasan Herbicidal Soap • Garden Safe Brand Weed and Grass Killer • Natria Grass and Weed Control with Root Kill • Natural Guard by Ferti-Lome Grass and Weed Killer • NGB Grass and Weed Killer • Pulverize Weed and Grass Killer • Pulverize Weed Brush and Vine Killer • Sunday Weed Warrior • Weed-Aside
Caprylic/Capric acid, Citric acid	<ul style="list-style-type: none"> • Bonide Burnout • Homeplate • Phydura • St. Gabriel’s Organics Burnout II Weed and Grass Killer
Corn Gluten	<ul style="list-style-type: none"> • Bonide Maize Weed Preventer Ready to Spray • Concern Weed Prevention Plus • Jonathan Green Crabgrass Preventer Plus Lawn Food • Jonathan Green Organic Weed Control 9-0-0 • SaferPlay 10-0-2 Lawn Food with Crabgrass Prevention
Essential oils (clove, cinnamon, eugenol, soybean)	<ul style="list-style-type: none"> • Dr. Earth FinalStop Weed Killer • SaferPlay WeedShield • Safergro Weed Zap • Purely Organic PureDefense WeedShield • Weed Slayer

HERBICIDES—ACTIVE INGREDIENTS--Continued	Examples of Product Names (2020 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Iron (Ferric)	<ul style="list-style-type: none"> • Bonide Weed Beater Fe • Fiesta Turf Weed Killer • Natria Lawn Weed Control • Pulverize Weed Killer • Weed Beater Fe • Whitney Farms Lawn Weed Killer
Potassium soaps or salt of fatty acids	<ul style="list-style-type: none"> • Safer Brand Fast-Acting Weed and Grass Killer
Sodium lauryl sulfate	<ul style="list-style-type: none"> • EcoSmart Weed and Grass Killer
Soybean Oil	<ul style="list-style-type: none"> • Purely Organic PureDefense Crabgrass Preventer
Vinegar/Saltwater/Soap Combination	<ul style="list-style-type: none"> • Doctor Kirchner Natural Weed Killer

GRUB CONTROL—ACTIVE INGREDIENTS	Examples of Product Names (2020 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Azadirachtin	<ul style="list-style-type: none"> • Azaguard • AzaMax • Azasol • Ecozin Plus 1.2% • Gordon's Pro Turf Azatrol • Molt-X • Neemix 4.5
Bacillus subtilis	<ul style="list-style-type: none"> • Ethos 3D • Ethos XB
Bacillus thuringiensis	<ul style="list-style-type: none"> • Grub Gone! • Beetle Gone!
Beauveria bassiana	<ul style="list-style-type: none"> • Botanigard • Mycotrol
Diatomaceous Earth. Silicon dioxide	<ul style="list-style-type: none"> • Bonide Diatomaceous Earth • Celite 610 • DeadZone Mechanical Insecticide • DEsect Diatomaceous Earth • Garden Safe Brand Diatomaceous Earth • Natural Guard Brand Diatomaceous Earth • Perma-Guard Crawling Insect Control • Pure Defense Diatomaceous Earth • St. Gabriel's Insect Dust
Eugenol and Essential Oils	<ul style="list-style-type: none"> • Purely Organic PureDefense Grub Shield • SaferPlay Grub Shield
Garlic	<ul style="list-style-type: none"> • Garlic Barrier AG
Milky Spore (Bacillus popilliae)	<ul style="list-style-type: none"> • St. Gabriel Organics Milky Spore
Metarhizium anisopliae	<ul style="list-style-type: none"> • Met 52 • Tick-Ex EC
Nematodes	(State Chemist approval not needed)

FUNGICIDES—ACTIVE INGREDIENTS	Examples of Product Names (2020 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Bacillus subtilis	<ul style="list-style-type: none"> • Cease, Double Nickle • Monterey Complete Disease Control • Jazz, Minuet • PA 2030 Red Biofungicide • PPCT 2012 Red Biofungicide • PPCT 2013 Purple Biofungicide • PPST 2030 G Biofungicide • Pro-Mix Biofungicide • Revitalize Biofungicide • RevRhapsody, Serenade • Serifel NG Biological Fungicide • Vault IP
Eugenol and Essential Oils	<ul style="list-style-type: none"> • Dr. Earth Final Stop Disease Control Fungicide
Gliocladium	<ul style="list-style-type: none"> • Prestop • Pvent • Soilgard
Potassium bicarbonate	<ul style="list-style-type: none"> • Bi-Carb old fashioned fungicide • Carb-o-nator • Kaligreen • Milstop • Organocide organic fungicide
Streptomyces lydicus	<ul style="list-style-type: none"> • Actinovate Lawn and Garden Biological Fungicide
Trichoderma	<ul style="list-style-type: none"> • Bio-Tam 2.0 • Incept • Obtego Fungicide • Rootshield Plus • Rootshield WP • Tenet WP • Triatum Biological Fungicide • Turf Shield Plus

Mole and Vole Repellents—ACTIVE INGREDIENTS	Examples of Product Names (2020 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Castor oil, Fuller’s Earth Clay	<ul style="list-style-type: none"> • Holey Moley
Castor oil, Castor + Essential oils	<ul style="list-style-type: none"> • Bonide MoleMax • Chase Mole and Gopher Repellent • I Must Garden Mole and Vole Repellent • Liquid Fence Mole Repellent
Castor oil, Castor + Essential oils	<ul style="list-style-type: none"> • Ortho Mole B Gone • Tomcat Mole and Gopher Repellent
Garlic Oil	<ul style="list-style-type: none"> • Giant Destroyer Garlic Tunnel Tubes Mole Repellent • Plant Pro-tec Gopher and Mole Repellent