

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 (2019 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Acetic Acid	<ul style="list-style-type: none"> • Nature's Wisdom 20% Vinegar Herbicide for Control of Weeds • Green Gobbler 20% Vinegar Weed Killer • Vinagreen
Ammonium nonanoate	<ul style="list-style-type: none"> • AXXE • BioSafe Weed Control • Mirimichi Green Weed and Grass Control • Ortho Groundclear Weed and Grass Killer • Prizefighter
Ammonium soap of fatty acids	<ul style="list-style-type: none"> • Bayer Adv Natria Grass and Weed Killer • Finalsan Total Vegetation Killer • Finasan-O • Finalsan 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 • Suppress Herbicide EC
Corn Gluten	<ul style="list-style-type: none"> • Concern Weed Prevention Plus • Jonathan Green Crabgrass Preventer Plus Lawn Food • Jonathan Green Organic Weed Control 9-0-0
D-limonene (Citrus)	<ul style="list-style-type: none"> • Avenger Weed Killer

HERBICIDES—ACTIVE INGREDIENTS--Continued	Examples of Product Names (2019 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Essential oils (clove, cinnamon, eugenol, soybean)	<ul style="list-style-type: none"> • Safergro Weed Zap • Purely Organic PureDefense WeedShield • Weed Slayer
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 • 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 (2019 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Azadirachtin	<ul style="list-style-type: none"> • Azaguard • AzaMax • Azasol • BioSafe Insect Control • Ecozin Plus 1.2% • Gordon's Pro Turf Azatrol • Safer Brand Grub Kill
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 • Concern Diatomaceous Crawling Insect Killer • DeadZone Mechanical Insecticide • St. Gabriel's Insect Dust • Perma-Guard Crawling Insect Control • Pure Defense Diatomaceous Earth • Safer Brand Diatomaceous Earth
Eugenol and Essential Oils	<ul style="list-style-type: none"> • Purely Organic PureDefense Grub Shield

GRUB CONTROL—ACTIVE INGREDIENTS--Continued	Examples of Product Names (2019 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Milky Spore (<i>Bacillus popilliae</i>)	<ul style="list-style-type: none"> • St. Gabriel Organics Milky Spore
<i>Metarhizium anisopliae</i>	<ul style="list-style-type: none"> • Met 52 • Tick-Ex EC
Nematodes	(State Chemist approval not needed)

FUNGICIDES—ACTIVE INGREDIENTS	Examples of Product Names (2019 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
<i>Bacillus subtilis</i>	<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 • Taegro • Vault IP
<i>Gliocladium</i>	<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 • Green Cure • Kaligreen • Milstop • Organocide organic fungicide
<i>Streptomyces lydicus</i>	<ul style="list-style-type: none"> • Actinovate
<i>Trichoderma</i>	<ul style="list-style-type: none"> • Bio-Tam 2.0 • Incept • Obtego Fungicide • Rootshield AG • Rootshield Plus • Rootshield WP • Tenet WP • Trium Biological Fungicide • Turf Shield Plus

Mole and Vole Repellents— ACTIVE INGREDIENTS	Examples of Product Names (2019 APPROVED FOR USE BY MARYLAND STATE CHEMIST)
Castor oil, Fuller’s Earth Clay	<ul style="list-style-type: none"> • Agway Mole Repellent • 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 Repellant • Liquid Fence Mole Repellent
Castor oil, Castor + Essential oils	<ul style="list-style-type: none"> • Messina Wildlife’s Mole Stopper Smoke • Messina Mole and Vole Stopper • Mole Scram • Ortho Mole B Gone • Sweeney’s Mole and Gopher Repellent • Tomcat Mole and Gopher Repellent • Victor V Dual Action Mole and Gopher Repellent • Vole Scram
Garlic Oil	<ul style="list-style-type: none"> • Giant Destroyer Garlic Tunnel Tubes Mole and Gopher Repellent • Plant Pro-tec Gopher and Mole Repellent