

## 2022 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, 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](https://mda.maryland.gov/plants-pests/Pages/state_chemist_reports.aspx)

<b>HERBICIDES—ACTIVE INGREDIENTS</b>	<b>Examples of Product Names (2022 APPROVED FOR USE BY MARYLAND STATE CHEMIST)</b>
Acetic Acid	<ul style="list-style-type: none"> <li>• Energen Vinegar Weed &amp; Grass Killer</li> <li>• Green Gobbler 20% Vinegar Weed Killer</li> <li>• Harris since 1922 20% Vinegar Weed Killer</li> <li>• Nature’s Wisdom 20% Vinegar Herbicide</li> <li>• Vinagreen</li> </ul>
Ammonium nonanoate	<ul style="list-style-type: none"> <li>• AXXE</li> <li>• Biosafe Weed and Grass Killer</li> <li>• Ortho Groundclear Weed and Grass Killer</li> <li>• Suerte</li> </ul>
Ammonium soap of fatty acids	<ul style="list-style-type: none"> <li>• Final-San-O</li> <li>• Finalsan Herbicidal Soap</li> <li>• Garden Safe Brand Weed and Grass Killer</li> <li>• Natria Grass and Weed Control with Root Kill</li> <li>• Natural Guard by Ferti-Lome Grass and Weed Killer</li> <li>• NGB Grass and Weed Killer</li> <li>• Pulverize Weed and Grass Killer</li> <li>• Pulverize Weed Brush and Vine Killer</li> <li>• Sunday Weed Warrior</li> <li>• Weed-Aside</li> </ul>
Caprylic/Capric acid, Citric acid	<ul style="list-style-type: none"> <li>• Bonide Burnout</li> <li>• Captain Jack’s DeadWeed Brew</li> <li>• Fireworxx</li> <li>• Homeplate</li> <li>• Suppress Herbicide EC</li> </ul>
Corn Gluten	<ul style="list-style-type: none"> <li>• Bonide Maize Weed Preventer Ready to Spray</li> <li>• Espoma Organic Weed Preventer 9-0-0</li> <li>• SaferPlay 10-0-2 Lawn Food with Crabgrass Prevention</li> </ul>

<b>HERBICIDES—ACTIVE INGREDIENTS—continued</b>	<b>Examples of Product Names (2022 APPROVED FOR USE BY MARYLAND STATE CHEMIST)</b>
Iron (Ferric)	<ul style="list-style-type: none"> <li>• Bonide Weed Beater Fe</li> <li>• Captain Jack’s Lawnweed Brew</li> <li>• Dandelion Doom</li> <li>• Fiesta Turf Weed Killer</li> <li>• Natria Lawn Weed Control</li> <li>• NGB Lawn Weed Killer Selective</li> <li>• Pulverize Weed Killer</li> <li>• Weed Beater Fe</li> <li>• Rachio Weed Watcher</li> <li>• Whitney Farms Weed &amp; Grass Control</li> </ul>
Potassium soaps or salt of fatty acids	<ul style="list-style-type: none"> <li>• Safer Brand Fast-Acting Weed &amp; Grass Killer</li> </ul>
Sodium chloride/vinegar/soap	<ul style="list-style-type: none"> <li>• Earth’s Ally</li> </ul>
Sodium lauryl sulfate	<ul style="list-style-type: none"> <li>• EcoSmart Weed and Grass Killer</li> </ul>
Vinegar/Saltwater/Soap Combination	<ul style="list-style-type: none"> <li>• Doctor Kirchner Natural Weed Killer</li> </ul>

<b>GRUB CONTROL—ACTIVE INGREDIENTS</b>	<b>Examples of Product Names (2022 APPROVED FOR USE BY MARYLAND STATE CHEMIST)</b>
Azadirachtin	<ul style="list-style-type: none"> <li>• Azaguard</li> <li>• AzaMax</li> <li>• Azasol</li> <li>• Ecozin Plus 1.2%</li> <li>• Gordon’s Pro Turf Azatrol</li> <li>• Molt-X</li> <li>• Neemix 4.5</li> </ul>
Bacillus subtilis	<ul style="list-style-type: none"> <li>• Double Nickle LC</li> <li>• Ethos 3D</li> <li>• Ethos XB</li> <li>• Monterey Complete Disease Control</li> <li>• Revitalize Biofungicide</li> <li>• Triathalon Biofungicide</li> </ul>
Bacillus thuringiensis	<ul style="list-style-type: none"> <li>• Grub Gone!</li> <li>• Beetle Gone!</li> <li>• Lawn Box Grub Out</li> <li>• The Andersons Organic Grub Control</li> </ul>
Beauveria bassiana	<ul style="list-style-type: none"> <li>• Botanigard</li> <li>• Mycotrol</li> </ul>

<b>GRUB CONTROL—ACTIVE INGREDIENTS—continued</b>	<b>Examples of Product Names (2022 APPROVED FOR USE BY MARYLAND STATE CHEMIST)</b>
Diatomaceous Earth/Silicon dioxide	<ul style="list-style-type: none"> <li>• Bonide Diatomaceous Earth</li> <li>• Ecologic Diatomaceous Earth</li> <li>• Celite 610</li> <li>• Desect Diatomaceous Earth</li> <li>• Garden Safe Brand Diatomaceous Earth</li> <li>• Natural Guard Brand Diatomaceous Earth</li> <li>• Perma-Guard Crawling Insect Control</li> <li>• Pure Defense Diatomaceous Earth</li> <li>• Safer Brand Diatomaceous Earth</li> </ul>
Eugenol and Essential Oils	<ul style="list-style-type: none"> <li>• Purely Organic PureDefense Grub Shield</li> <li>• SaferPlay Grub Shield</li> </ul>
Garlic	<ul style="list-style-type: none"> <li>• Garlic Barrier AG</li> </ul>
Milky Spore (Bacillus popilliae)	<ul style="list-style-type: none"> <li>• St. Gabriel Organics Milky Spore</li> </ul>
Metarhizium anisopliae	<ul style="list-style-type: none"> <li>• Met 52</li> <li>• Tick-Ex EC</li> </ul>
Nematodes	(State Chemist approval not needed)

<b>FUNGICIDES—ACTIVE INGREDIENTS</b>	<b>Examples of Product Names (2022 APPROVED FOR USE BY MARYLAND STATE CHEMIST)</b>
Bacillus subtilis, Bacillus amyloliquefaciens	<ul style="list-style-type: none"> <li>• Bioworks Cease</li> <li>• Double Nickle 55</li> <li>• Jazz</li> <li>• Minuet</li> <li>• Monterey Complete Disease Control</li> <li>• PA 2030 Red Biofungicide</li> <li>• PPCT 2012 Red Biofungicide</li> <li>• PPCT 2013 Purple Biofungicide</li> <li>• PPST 2030 G Biofungicide</li> <li>• Pro-Mix Biofungicide</li> <li>• Revitalize Biofungicide</li> <li>• RevRhapsody, Serenade</li> <li>• Serifel NG Biological Fungicide</li> <li>• Vault IP</li> </ul>
Eugenol and Essential Oils	<ul style="list-style-type: none"> <li>• <i>None found</i></li> </ul>
Gliocladium	<ul style="list-style-type: none"> <li>• Lalstop</li> <li>• Prestop</li> <li>• Soilgard</li> </ul>
Potassium bicarbonate	<ul style="list-style-type: none"> <li>• Bi-Carb old fashioned fungicide</li> <li>• Carb-o-nator</li> <li>• Kaligreen</li> <li>• Milstop</li> <li>• Organocide organic fungicide</li> </ul>
Streptomyces lydicus	<ul style="list-style-type: none"> <li>• Actinovate Lawn and Garden Biological Fungicide</li> </ul>

<b>FUNGICIDES—ACTIVE INGREDIENTS—continued</b>	<ul style="list-style-type: none"> <li>• <b>Examples of Product Names (2022 APPROVED FOR USE BY MARYLAND STATE CHEMIST)</b></li> </ul>
Trichoderma	<ul style="list-style-type: none"> <li>• Bio-Tam 2.0</li> <li>• Obtego Fungicide</li> <li>• Rootshield Plus</li> <li>• Rootshield WP</li> <li>• Tenet WP</li> <li>• Trianum P Biological Fungicide</li> </ul>

<b>Mole and Vole Repellents—ACTIVE INGREDIENTS</b>	<b>Examples of Product Names (2022 APPROVED FOR USE BY MARYLAND STATE CHEMIST)</b>
Castor oil, Fuller’s Earth Clay	<ul style="list-style-type: none"> <li>• Holy Moley</li> </ul>
Castor oil, Castor + Essential oils	<ul style="list-style-type: none"> <li>• Bonide MoleMax</li> <li>• Chase Mole and Gopher Repellent</li> <li>• I Must Garden Mole and Vole Repellant</li> <li>• Liquid Fence Mole Repellent</li> </ul>
Castor oil, Castor + Essential oils	<ul style="list-style-type: none"> <li>• Ortho Mole B Gon</li> <li>• Tomcat Mole and Gopher Repellent</li> </ul>
Garlic Oil	<ul style="list-style-type: none"> <li>• Giant Destroyer Garlic Tunnel Tubes Mole Repellent</li> </ul>