



## Tenacity™ Herbicide

**NOTE:** Read the entire label directions for use, container disposal, conditions of warranties and limitations of liability before using this product. The label is the law.

**Tenacity™ Herbicide** is a **systemic pre-emergent and post-emergent** weed killer. With mesotrione 40% as its active ingredient, Tenacity Herbicide is known for its selective contact and residual control of weeds in turfgrasses.

When used as a pre-emergent, Tenacity works by being absorbed by weeds as they emerge from the soil. When used as a post-emergent, Tenacity will be absorbed by the targeted weed through foliar contact. Tenacity Herbicide can also provide excellent control of **crabgrass** and many other weeds in residential yards. This is important because MSMA, our go-to recommendation for crabgrass control, has been banned by the EPA for homeowners or residential use.

Tenacity Herbicide can be applied with a pressurized hydraulic sprayer, high-volume handgun spray, handheld pump sprayer, or backpack sprayer.

**Weed Pest:** Tenacity Herbicide is labeled for 45 different weeds such as: Annual Bluegrass, Barnyardgrass, Buckhorn Plantain, Buttercup, Canada Thistle, Carpetweed, Catsear Dandelion, Common Chickweed, Common Dandelion, Common Lambsquarters, Common Purslane, Curly Dock, Florida Betony, Florida Pusley, Galinsoga, Goosegrass, Ground Ivy, Healall, Henbit, **Large and Smooth Crabgrass**, Large Hop Clover, Lawn Burweed, Maretail, Mouseear Chickweed, Nimblewill, Oxalis, Pale Smartweed, Pennsylvania Smartweed, Persian Speedwell, Purslane Speedwell, Redroot Pigweed, Shepherd's Purse, Smooth Pigweed, **Southern Crabgrass**, Sowthistle, Swinecress, Tufted Lovegrass, Verbena, White Clover, Wild Carrot, Wild Violet, Windmillgrass, Yellow Foxtail, Yellow Nutsedge, and Creeping Bentgrass. For more target pests, please refer to the label.

- **Step 1:** First, you will need to determine the square footage of the target area in order to calculate how much Tenacity you will need. You can do this by multiplying the length and width of your area (length x width = square footage). You will also need to determine the species of turf the weed is present on prior to application as this will effect the application rate. For large areas, the typical application rate is between 4-8 fluid ounces per 30 gallons of water per acre. For smaller areas and spot treatments, **one-half (½) teaspoon of Tenacity in 1 gallon of water will treat 1,000 square feet.** For example, if your area is 2,000 square feet, you will need to mix one teaspoon of Tenacity with 2 gallons of water.
- **Step 2:** You now need to create your solution. Fill your spray tank halfway with water, add the required amount of Tenacity to the tank, then place the cap on the sprayer and shake the mixture. Add the remaining water to the tank, then close it and shake it again for a complete solution. **A surfactant is recommended** with Tenacity to improve weed control and provide a better stick to the leaf surface of the weeds.
- **Step 3:** Once your solution is complete, apply Tenacity Herbicide selectively to the target weed, being sure not to over-apply to the point of runoff. Use a fan-spray nozzle setting for even coverage. Repeat application in two (2) to three (3) weeks for best results.

**When to Use Tenacity:** During the growing season when unwanted weeds are on the property. Tenacity pre-emergent applications must be done in the fall and early spring. For post-emergent applications, it is best to apply Tenacity to young, actively growing weed and may require a second application after two (2) to three (3) weeks.

### **Special Considerations**

- Tenacity is a **reduced risk herbicide granted by EPA** and is a non-cancer causing agent. The active ingredient is derived from the bottlebrush plant.
- A surfactant is recommended with Tenacity to improve weed control and provide a better stick to the leaf surface of the weeds.
- Tenacity Herbicide begins killing weeds within minutes after application but can take up to several weeks to get complete control depending on the target weed.
- **Can temporarily whiten or bleach desired turf but white grass tips can be mowed off.**
- Bentgrass, Poa annua, kikuyu grass, zoysiagrass, seashore paspalum, and bermudagrass are sensitive to Tenacity mesotrione herbicide applications. Avoid spraying these turf types unless control can be tolerated. Avoid overspray onto ornamental plants or flower beds and gardens. Roses and daylilies are sensitive plant species.
- Rain fast in four (4) hours.
- Apply Tenacity 65° F - 85° F.
- Do not mow grass two (2) days before application, or two (2) days after application.
- 36 month package shelf life if stored properly.

**WARRANTY AND CONDITIONS OF SALE:** Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material when such use and handling are contrary to label instructions.

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