



Glyphosate Fact Sheet

Glyphosate (the main ingredient in Roundup®) is a widely used herbicide that controls broadleaf weeds and grasses. Glyphosate has been used as a pesticide since the 1970s, has a 40-year history of safe use and continues to be a vital, effective, and safe tool for farmers and others. Glyphosate acid and several related glyphosate salt compounds are also registered pesticides.

- Glyphosate is used in products such as Roundup® to control weeds in many places, including:
 - a wide variety of fruit, vegetable, and other food crops,
 - ornamental plantings, lawns and turf, greenhouses, aquatic areas, forest plantings, and roadside rights-of-way for total vegetation control.
- Products are sold in liquid, solid, and ready-to-use formulations, and applied using ground and small hand-held sprayers.
- Use glyphosate products only in accordance with its labeling, wearing recommended personal protective equipment (PPE).
- Glyphosate is no more than slightly toxic to birds and is practically nontoxic to fish, aquatic invertebrates, and honeybees.
 - Certain products contain an ingredient that is toxic to some fish.
 - Follow the label directions to protect fish and aquatic environments
- More than 800 scientific studies, the U.S. Environmental Protection Agency (EPA), the National Institutes of Health (NIH), and regulatory authorities around the world have concluded that glyphosate is safe for use and does not cause cancer.
- Glyphosate and the related acid and salt compounds underwent EPA registration review in 2018 (a program that re-evaluates all pesticides on a 15-year cycle. Any changes to the registration will be published by EPA in 2019).

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