

ROUNDUP

- Domestic animals: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product in large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.) If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.
- Non-Agricultural requirements: keep people and pets off treated areas until spray solution has dried to prevent transfer of this product onto desirable vegetation.
- Product Description: This product is a post emergent, systemic herbicide with no soil residual activity.
- Environmental Fate: When this product comes in contact with the soil it is bound to soil particles. The strong affinity of this product to soil particles prevents this product from leaching out of the soil profile and entering ground water.
- Mode of Action in Plants: The active ingredient in this product inhibits an enzyme found only in plants that is essential to formation of specific amino acids.
- Toxicology: Exposure to workers and other applicators generally is expected to pose minimal risks based on results of short-term toxicity studies. Glyphosate has been thoroughly tested and determined not to cause cancer or other adverse long-term health effects.
- Toxicity: Toxicity usually is measured as LD₅₀ (lethal dose), which is the amount of a toxicant required to kill 50 percent of the test animals.
- Slightly Toxic Herbicides: aspirin and sodium chloride (table salt)
- Almost Nontoxic Herbicides: Glyphosate (Roundup, Touchdown, Rodeo)