

ROUNDUP SCENE

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ROUNDUP or glyphosate as this herbicide is commonly named is currently cleared for industrial, non-crop weed control, and for weed control prior to the planting of corn, soybean, wheat, oats, and barley. The label used for weed control in non-crop areas including institutional grounds makes no mention of reseeding with desired species. Petitions for registration have been submitted by Monsanto Company for glyphosate use for aquatic weed control and for mixture with other herbicides for weed control in "no-till" crop production systems. A petition for glyphosate use prior to planting cotton is currently in preparation. On December 18, 1975 a glyphosate tolerance was published in the Federal Register for grass forage.

The recent establishment of a tolerance for glyphosate in grass forage may enhance consideration of glyphosate for turf renovation to a higher priority level. No information is presently available on how glyphosate might be marketed for homeowners use. Glyphosate has been found effective for vegetation control for a large number of turfgrass renovation situations. Numerous renovation systems employing glyphosate have been investigated. Experiments by Dr. A. J. Turgeon at the University of Illinois have shown the disc seeding system as an effective, efficient system. Joint studies at Michigan State University and the University of Illinois have shown that glyphosate is safe for subsequent seedings of Kentucky bluegrass, creeping bentgrass, red fescue, and perennial ryegrass.
