

Considerations in Using ROUNDUP for Turf
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The herbicide, ROUNDUP, has three key characteristics which make it useful for turf renovation. These are a broad spectrum of activity from foliar application, translocation to underground plant parts of perennials, and inactivation upon contact with the soil allowing reseeding shortly after application.

There are several considerations which merit attention if the desired results are to be obtained. If perennials are to be killed they need to be in a growth stage that actively transports food to the underground portion of the plants. Precautions are necessary to reduce drift hazards. Keeping the pressure of the sprayer at 30 psi or less helps reduce drift problems by keeping the spray droplets large. There needs to be a minimum of 3 days between spraying and subsequent tillage operations to allow for distribution of the ROUNDUP in perennial species.

Current research indicates that excessively hard water and spray volumes of over 40 gal/acre should be avoided as they may reduce the effectiveness of the ROUNDUP application. The addition of 4 to 8 lbs/acre of ammonium sulfate to the ROUNDUP spray solution appears to increase control of yellow nutsedge and perhaps other more difficult to control species.