

# **ESTABLISHED TURF (BUFFALOGRASS, KENTUCKY BLUEGRASS, PERENNIAL RYEGRASS)**

## General Information

### GENERAL INFORMATION

#### WHERE TO USE

Resolute 65WG is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- Established turf grasses (excluding golf course putting greens), lawns and sod nurseries
- Container, field grown and landscape ornamentals
- Established perennials and wildflower plantings
- Christmas tree farms

#### HOW RESOLUTE 65WG WORKS

Resolute 65WG controls susceptible weeds by preventing growth and development of newly germinated weed seeds. Weed control is most effective when Resolute 65WG is activated by at least 0.5 inch of rainfall or irrigation or shallow incorporation (1 to 2 inches) before weed seeds germinate and within 14 days following application.

#### USE PRECAUTIONS

- Do not graze or feed livestock forage cut from areas treated with Resolute 65WG.
- Do not apply Resolute 65WG to plants that will be consumed for food use.
- Follow all applicable directions, restrictions, and precautions on the labels of EPA-registered tank mix partners.
- Do not blend Resolute 65WG onto dry fertilizer or any other granular material.

- Chemigation: Do not apply this product through any type of irrigation system unless instructed otherwise in the label.
- Do not apply aerially.
- Do not apply to golf course putting greens.

## APPLICATION

Apply Resolute 65WG in a minimum of 20 gals./A (0.5 gal/1,000 sq. ft.) of carrier (water and/or fluid fertilizer) using a calibrated, low-pressure sprayer with 50-mesh or coarser screens. A broadcast boom or handheld wand designed for herbicide or insecticide application will provide the best results. Select nozzle pressure and gallonage to provide complete coverage.

## Limitations, Restrictions, and Exceptions

### ESTABLISHED TURF

Resolute 65WG is a preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds listed on the label in established turfgrasses including:

- Golf courses excluding putting greens
- Lawns
- Sod nurseries

The maximum amount of Resolute 65WG that may be applied per year is given for each turfgrass species in the Annual Use Rates - Turfgrass section of the label.

For optimum weed control, Resolute 65WG should be activated by at least 0.5 inch of rainfall or irrigation before weed seeds germinate and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

### Use Precautions - Turfgrass

- Do not apply Resolute 65WG to areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

- Do not cut (harvest) treated sod within 90 days of application. To avoid turfgrass injury, do not apply to newly set sod until the sod has rooted and exposed edges have filled in.
- To avoid turfgrass injury, do not apply Resolute 65WG to turf stressed by conditions such as drought, low fertility, or pest damage.
- Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.
- Do not apply Resolute 65WG to golf course putting greens.
- If the depth of the creeping bentgrass root system becomes shallow and root tips contact Resolute 65WG-treated soil, new root formation may be inhibited. Mowing height can affect the depth of a plant's root system. To avoid this, do not apply Resolute 65WG to creeping bentgrass less than 0.5 inch in height.

#### Application Timing and Rate - Turfgrass

Resolute 65WG may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications should be made before target weeds germinate. Resolute 65WG will not control weeds that have already emerged.

The amount of Resolute 65WG to apply is based upon: 1) the length of weed control desired (the higher the application rate, the longer the control; see Figure 1), 2) the turf species, and 3) the maximum amount which is applied to the turf species per calendar year (see Table 1).

#### Annual Use Rates - Turfgrass

Resolute 65WG can be applied to the turfgrass species listed in the following table. Do not apply more than the highest rate listed for each species in a calendar year.

- Resolute 65WG may be applied more than once a year as long as the total amount applied is not greater than the maximum application rate per calendar year for the turf species. All applications must be made before weed seeds germinate.

Bermudagrass May be used on newly-sprigged or plugged Bermudagrass at rates not to exceed 0.80 lb./A (0.30 oz./1,000 sq. ft.). Newly-sprigged or plugged

Bermudagrass stolon rooting may be temporarily retarded.

St. Augustinegrass: Use an initial rate of 0.75-1.5 lbs./A (0.28-0.55 oz./1000 sq. ft.) per application.

#### Weeds Controlled

Bluegrass Annual: In areas where *Poa annua* is a winter annual, apply Resolute 65WG (see Table 1) in August or September to established, non-overseeded turf before *Poa annua* seeds germinate. These timings are approximate. Consult State Extension Service for more specific timing for your area. Also see the section of the label *Poa Annua* Control in Established Bermudagrass Overseeded with Perennial Ryegrass.

Chickweed Common, Henbit, Knotweed, Shepherd's-Purse:: To control this weed, apply Resolute 65WG in late summer, fall, or winter before weed seeds germinate.

Crabgrass (Large, Smooth): Fall Applications for Spring Crabgrass Control in Cool-Season Grasses: In those areas where the ground freezes in the winter, Resolute 65WG can be applied in the fall at rates of 1.0-1.15 lbs./A after the soil temperature falls below 50°F but before the ground freezes. This application will control crabgrass the following spring.

Rescuegrass: Suppression only.

Goosegrass: In many areas, a single application of 1.0-2.3 lbs./A Resolute 65WG will control goosegrass.

However, under heavy goosegrass pressure and/or an extended growing season, the most effective control may be maintained by making a "split application" (i.e., two applications) that does not exceed the maximum application rate per calendar year for the turfgrass species.

Area treated per water soluble packet (sq. ft.): 44,000-14,700

Method

[Spray](#)

Rates

[field\\_rates 0](#)

## field\_rates 1

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Restricted Entry Interval

12 hours

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Timings

Preemergence (Weed)