# MARVEL<sup>™</sup> HERBICIDE POSTEMERGENT BROADLEAF HERBICIDE

# TECHNICAL BULLETIN | BROADLEAF WEEDS

Group 14 Herbicide

# **USE RATES**

**6.0–7.25 fl. oz./A** — Tank mixed with labeled rates of glyphosate herbicides in Roundup Ready<sup>®</sup> soybeans or glufosinate herbicides in LibertyLink<sup>®</sup> soybeans

**7.25 fl. oz./A** — Control of labeled weeds alone or tank mix with other post broadleaf and grass herbicides.

# APPLICATION

**Timing** — Prior to planting and any time after planting throughout full flowering.

**Guidelines** — Thorough spray coverage is critical for control with contact herbicides. Use 15 gal./A minimum by ground or 5 gal./A by aerial application. Apply with medium droplet size and adequate pressure for good spray pattern. Flat fan nozzles are preferred with contact herbicides. Avoid very course droplets and flood type nozzles.

#### Active Ingredient: Fomesafen, fluthiacet-methyl

#### ADJUVANTS

- Apply with NIS at 1 qt./100 gal. + AMS at 8-17 lb./100 gal.
- Crop oil concentrate (COC) at 0.5-1% v/v is recommended under dry conditions and low humidity when weeds are hardened off and more difficult to control.

#### WEEDS CONTROLLED/SUPRESSED\*

Waterhemp, pigweed, tansy mustard, velvetleaf, common lambsquarters, ivyleaf morningglory, tall morningglory, Eastern black nightshade, Venice mallow, kochia\* as well as other broadleaf weeds.

Marvel<sup>™</sup> herbicide provides best control when weeds are small, less than 4 inches. Thorough spray coverage is essential for the best weed control results.

\*Read Weeds Controlled section on the label for more information.

#### RESTRICTIONS

- Do not apply within 60 days of soybean harvest.
- Apply when crop foliage is dry.
- Do not tank mix with organophosphate insecticides.

#### ROTATIONAL CROP GUIDELINES AFTER APPLYING MARVEL HERBICIDE AT RECOMMENDED RATES

Cotton, soybeans, dry beans, snap beans	0 months
Small grains such as wheat, barley, rye, peppers (transplanted)	4 months
Corn (field, seed, and pop), peas, rice	10 months
To avoid crop injury do not plant alfalfa, peanuts, potatoes, sunflowers, sugar beets, sorghum, tomatoes, or any other crop	18 months

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#### SOYBEAN WEED CONTROL PROGRAMS UNIVERSITY OF ILLINOIS – 2014



- Authority® Elite herbicide 25 fl. oz. PRE fb Marvel herbicide 7.25 fl. oz. + Roundup PowerMAX® herbicide 30 fl. oz. EPOST
- Boundary<sup>®</sup> EC herbicide 26 fl. oz. PRE fb fomesafen 16 fl. oz./A + Touchdown Total<sup>®</sup> herbicide 32 fl. oz. EPOST
- Verdict<sup>®</sup> herbicide 5 fl. oz. + Zidua<sup>®</sup> herbicide 2 fl. oz. PRE fb Roundup PowerMAX<sup>®</sup> herbicide 30 fl. oz. + FirstRate<sup>®</sup> herbicide 0.6 fl. oz. EPOST





### MARVEL HERBICIDE WITH GLYPHOSATE TAKES OUT BROADLEAF WEEDS FAST (PICTURE 48 HOURS AFTER APPLICATION)







