

HERBICIDE  
PRE-PLANT, PRE-EMERGENCEGROUP  
2GROUP  
14MULTI  
MODE  
OF ACTION

## DILIGENT APPLICATION GUIDELINES

**Diligent™****HERBICIDE**

Diligent™ herbicide offers flexible defense against a range of tough and resistant broadleaf weeds in soybeans, including glyphosate-resistant waterhemp.

**WHY USE DILIGENT HERBICIDE?**

- **Early control for a strong start.** It can be applied from early pre-plant to pre-emergence
- **Two modes of action defend against resistance.** With a multi-mode defense against Group 2, 5 and 9 resistant broadleaf weeds, Diligent provides a proactive approach to weed resistance management
- **Flexible defense.** Diligent can be used in any production system, including Enlist E3™ soybeans, Roundup Ready 2 Xtend® soybeans or identity-preserved (IP)

**WEEDS CONTROLLED**

- Amaranth, Palmer
- Chickweed, Common
- Dandelion<sup>1</sup>
- Foxtail, Green<sup>2</sup>
- Lamb's-quarters, Common
- Nightshade, Eastern Black
- Nightshade, Hairy
- Panicum, Fall<sup>3</sup>
- Pigweed, Green
- Pigweed, Redroot
- Ragweed, Common
- Waterhemp<sup>3</sup>

**CROPS**

Soybeans

**RATES AND ACRES TREATED****Rates:**

• Diligent: 70.4 g/ac

**Acres treated:**

• 40 ac/2.816 kg jug

**Water volume:**

• 10-20 US gal/ac

**PACKAGING****Case:**

• 2 x 2.816 kg jugs

**WHEN TO APPLY****Soybeans:****Pre-plant:** up to 30 days before planting**Pre-emergence:** Up to 3 days after planting, prior to soybean emergence**RAINFAST**

• 2 hours

**HERBICIDE TANK MIXES**

• Prowl® H2O

• Focus® or Zidua™

If weeds are present at the time of application, tank mix Diligent herbicide with a glyphosate herbicide for the burndown of emerged weeds.

**Application information**

No-till planters that incorporate the soil during planting may result in decreased weed control in the row. When these types of planters are used, apply Diligent Herbicide within 3 days after planting and before soybeans emerge.

Moisture is necessary to activate Diligent Herbicide in soil for residual weed control.

**Crop rotation**

Crop rotation varies by crop and soil pH.

**4 months:** winter wheat

**10 months:** field corn (soil pH ≤ 7.8 only) and soybeans (soil pH ≤ 7.8 only)

**11 months:** alfalfa (soil pH ≤ 7.4 only)

**Pre-harvest interval**

• The PHI is 60 days.

<sup>1</sup>Early-season control on medium-textured soils

<sup>2</sup>Suppression

<sup>3</sup>Including biotypes resistant to herbicide Groups 2, 5 and 9