

## POSTEMERGENCE GRASS WEED CONTROL IN SOYBEANS AND ENLIST™ CORN

### AGRICULTURAL USES

- Assure® II herbicide is a selective herbicide that controls annual and perennial grass weeds in canola, cotton, chickpea, dry beans, dry and succulent peas, lentil, snap bean, soybean, sugarbeet, sunflower and Enlist field corn. Refer to the label for a complete listing of registered crops and uses.
- Assure II provides excellent control of up to 12-inch volunteer corn at 4/5 fl oz/A with required adjuvants.

### SPRAY ADJUVANTS

- Petroleum crop oil concentrates (COC) are the preferred adjuvant system.
- Apply COC at 1% v/v (1 gallon per 100 gallons of spray solution) or 2% v/v under arid conditions.
- An ammonium nitrogen fertilizer may be added to the spray mixture in addition to crop oil concentrate but is not required to optimize performance.
  - ▶ Use 2 lb/A of a spray-grade ammonium sulfate (AMS) or 2 qt/A of a high quality urea ammonium nitrate (UAN) such as 28% UAN or 32% UAN. Under arid conditions, use 4 lb/A of AMS or 4 qt/A of 28% UAN or 32% UAN.
  - ▶ DO NOT use liquid nitrogen fertilizer as the total carrier solution.
- Special adjuvants
  - ▶ Combination adjuvant products may be used at doses that provide the required amount of COC or MSO (methylated seed oil) and/or ammonium nitrogen fertilizer.
  - ▶ Consult the appropriate adjuvant product literature for use rates and restrictions.

### APPLICATIONS ON ENLIST CORN

- Application rate of 5-12 fl oz/A.
- Applications should target V2-V6 growth stage.
- Key weeds include fall panicum, giant foxtail, seeding and rhizome johnsongrass, shattercane, quackgrass, broadleaf signalgrass, goosegrass and barnyardgrass.
- May also be used to control volunteer corn that does not contain the Enlist trait, in fields currently planted with Enlist corn hybrids. This includes volunteer Roundup Ready® corn (glyphosate resistant), LibertyLink® corn (glufosinate resistant) and IMI corn (imidazolinone resistant).
- Assure II will not control volunteer corn that contains the Enlist trait.
- Refer to the label to see specific states that allow the application of Assure II on Enlist corn.
- Refer to [www.EnlistTankMix.com/ASSUREII](http://www.EnlistTankMix.com/ASSUREII) for pesticide active ingredients that cannot be tank mixed and applied with Assure II in Enlist corn.

See our entire line of products at [www.AMVAC.com](http://www.AMVAC.com)

Assure II Active Ingredient: Quizalofop, Group 1 Herbicide.  
Reference Weed Science Society of America for more  
information: <http://wssa.net/wssa/weed/herbicides/>

# WEEDS CONTROLLED AND RATE SELECTION

	Size at Application (in)	Assure II Applied Alone (fluid ounces product/A)	Assure II Tank Mixed with Broadleaf Herbicide (fluid ounces product/A)*
<b>ANNUAL GRASSES**</b>			
Volunteer Corn ( <i>Zea mays</i> )***	6-30	4-8	8-12
Foxtail, Giant ( <i>Setaria faberi</i> )	2-4 (pre-tiller)	5-8	8-12
Johnsongrass, Seedling ( <i>Sorghum halepense</i> )	2-8		
Shattercane ( <i>Sorghum bicolor</i> )	6-12		
Wild Proso Millet ( <i>Panicum miliaceum</i> )	2-6		
Crowfootgrass ( <i>Dactyloctenium aegyptium</i> )	2-6	7-8	8-12
Fall Panicum ( <i>Panicum dichotomiflorum</i> )	2-6		
Field Sandbur ( <i>Cenchrus incertus</i> )	2-6		
Foxtail, Bristly ( <i>Setaria verticillata</i> )	2-4		
Foxtail, Giant ( <i>Setaria faberi</i> )	2-8		
Foxtail, Green ( <i>Setaria viridis</i> )	2-4		
Foxtail, Yellow ( <i>Setaria pumila</i> )	2-4		
Goosegrass ( <i>Eleusine indica</i> )	2-6†		
Itchgrass ( <i>Rottboellia exaltata</i> )	2-8		
Sprangletop ( <i>Leptochloa filiformis</i> )	2-6		
Volunteer Barley ( <i>Hordeum vulgare</i> )	2-6		
Volunteer Oat ( <i>Avena sativa</i> )	2-6		
Volunteer Rye ( <i>Secale cereale</i> )	2-6		
Volunteer Wheat ( <i>Triticum aestivum</i> )	2-6		
Wild Oat ( <i>Avena fatua</i> )	2-6		
Witchgrass ( <i>Panicum capillare</i> )	2-6		
Barryardgrass ( <i>Echinochloa crus-galli</i> )	2-6		
Crabgrass, Large ( <i>Digitaria sanguinalis</i> )	2-6‡		
Crabgrass, Smooth ( <i>Digitaria ischaemum</i> )	2-6‡		
Junglerice ( <i>Echinochloa colonum</i> )	2-6		
Texas Panicum ( <i>Panicum texanum</i> )††	2-4		
Red Rice ( <i>Oryza sativa</i> )	1-4	9-10	Split†
Woolly Cupgrass ( <i>Eriochloa villosa</i> )	2-4§		
Broadleaf Signalgrass ( <i>Brachiaria platyphylla</i> )	2-6	10	Split†
Downy Brome ( <i>Bromus tectorum</i> )	2-6	10-12	12
Italian Ryegrass ( <i>Lolium multiflorum</i> )	2-6		
Jointed Goatgrass ( <i>Aegilops cylindrica</i> )	2-6		
Windgrass ( <i>Bromus mollis</i> )	2-6		
<b>PERENNIAL GRASSES**</b>			
Wirestem Muhly ( <i>Muhlenbergia frondosa</i> )	4-8	8-10	Split†
Bermudagrass ( <i>Cynodon dactylon</i> )	3" tall (or up to 6" runners)	10-12	Split†
Johnsongrass, Rhizome ( <i>Sorghum halepense</i> )	10-24		
Quackgrass ( <i>Agropyron repens</i> )	6-10		

\* Refer to the Assure II product label for more information regarding tank mixes with additional herbicides.

\*\* For annual and perennial grasses, up to 12 fl oz/A may be applied, based on local recommendations. Under arid conditions, apply at the higher use rate.

\*\*\* Control includes Roundup Ready corn (glyphosate resistant), LibertyLink corn (glufosinate resistant) and IMI corn (imidazolinone resistant). Apply 4 fl oz/A of Assure II for up to 12-inch tall corn. Apply 5 fl oz/A of Assure II for 12- to 18-inch tall corn; use 8 fl oz/A of Assure II for 18- to 30-inch tall corn.

† Split Application. Grass species may not be controlled when Assure II is tank mixed with broadleaf herbicides. To prevent antagonism of grass control, apply Assure II either 1 day before or 7 days after the broadleaf herbicide. Use rates listed under Assure II Applied Alone.

‡ Size in height or diameter, whichever is more restrictive. Application to plants with more than three tillers may result in unsatisfactory control.

†† Do not apply Assure II at less than 10 fl oz/A in Texas and other areas of the arid west.