

POSTEMERGENCE GRASS WEED CONTROL

Agricultural Uses

- **Assure® II** is a selective herbicide that controls annual and perennial grass weeds in Enlist™ corn, canola, cotton, chickpea, dry beans, dry and succulent peas, lentil, snap bean, soybean, sugarbeet and sunflower. Refer to the label for a complete listing of registered crops and uses.
- **Assure II** provides excellent control of volunteer corn.
- Applications should target 2- to 4-inch tall grass weeds and 8- to 12-inch tall volunteer corn.

Spray Adjuvants

- A petroleum crop oil concentrate (COC) is the preferred adjuvant type.
- 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 COC 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 methylated seed oil (MSO) 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 of Enlist corn.
- 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).
- **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 for approved adjuvants and pesticide active ingredients that can or cannot be tank-mixed or applied with **Assure II** in Enlist corn.

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

See our entire line of products at AMVAC.com

Weeds Controlled and Rate Selection

	Size at Application (in)	Assure II Applied Alone (fl oz product/A)	Assure II Tank-Mixed With Broadleaf Herbicide (fl oz product/A)*
Annual Grasses**			
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	8–10	Split†
Barnyardgrass (<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		
Perennial Grasses**			
Wirestem Muhly (<i>Muhlenbergia frondosa</i>)	4-8	8–10	Split†
Bermudagrass (<i>Cynodon dactylon</i>)	3 in tall (or up to 6 in runners)	10–12	Split†
Johnsongrass, Rhizome (<i>Sorghum halepense</i>)	10–24		10–12
Quackgrass (<i>Agropyron repens</i>)	6–10		Split†

* 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.

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

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