

# Realize burndown plus residual control of resistant weeds.

**DuPont™**  
**Afforia®**  
herbicide

## Northern Plains

DuPont™ Afforia® herbicide is a burndown plus residual control herbicide that can be applied preplant or preemergence to soybeans. It delivers:

- Effective burndown of dandelion, marestail<sup>1</sup>, volunteer canola and winter annuals.
- Consistent residual control of the toughest weeds, including waterhemp, dandelion, nightshade, lambsquarters and other broadleaf weeds. (See the label for specific weeds controlled and suppressed and specific application rates.)
- Improved weed resistance management over glyphosate alone with two additional modes of action.
- Rotational crop flexibility.
- Excellent burndown and residual performance even under cool, wet spring conditions.

## Rate recommendation

Apply Afforia® at 2.5 ounces per acre

## Tank-mix partners

Afforia® tank mixed with glyphosate and/or 2,4-D provides cross-spectrum burndown at preplant as well as residual control.

## Application window

- At the 2.5 ounce rate, Afforia® can be applied to soybeans preplant or preemergence (within 3 days after planting and prior to soybean emergence).

Afforia® should not be applied to cracking soybeans or after the soybean crop has emerged because severe injury or death of the crop will occur.

- Field corn in no-till/minimum till fields can be planted 14 days after an application of Afforia®.<sup>2</sup>
- Conventional tilled corn, sorghum and wheat can be planted 30 days after an application of Afforia®.<sup>3</sup>

## Formulation

Afforia® is a dispersible granule formulation, mixed in water and applied as a spray solution to control susceptible broadleaf weeds in soybeans. Afforia® contains three active ingredients to broaden broadleaf activity.

## Application information

Afforia® may be applied using ground or aerial equipment. See label for specific application information.

## Weed resistance

When herbicides with mode of action classifications that affect the same biological sites of action are used repeatedly over several years to control the same weed species in the same treatment area, naturally occurring resistant biotypes may survive, propagate and become dominant in that area. To better manage herbicide resistance, it may be necessary to change cultural practices within and between crop seasons, such as using a combination of tillage, retreatment, premix products, tank-mix partners or sequential herbicide applications that have multiple sites of action. Weed escapes that are allowed to go to seed will promote the spread of resistant biotypes. Afforia®, which contains the active ingredients tribenuron, thifensulfuron and flumioxazin, is a Group 2 and Group 14 multiple mode of action premix herbicide based on the HRAC mode of action classification system of the Weed Science Society of America.



Afforia® 2.5 oz/A preplant on June 10, 2014, followed by Abundit® Extra (glyphosate) 32 oz/A on July 2, 2014. Photo taken August 8, 2014. Hickson, North Dakota.

# DuPont™ Afforia®

herbicide

DuPont™ Afforia® herbicide		
Biological attributes	Active ingredients	Performance measures <sup>4</sup>
Contact control	Tribenuron Flumioxazin Thifensulfuron	Excellent burndown of hard to control weeds including kochia <sup>1</sup> , lambsquarters, marestail <sup>1</sup> , common ragweed <sup>1</sup> and pigweed.
Residual control	Flumioxazin	Selective preemergence control and suppression of a variety of troublesome weeds in soybeans while providing recropping flexibility when rotating from soybeans to other crops in the northern states.

## Crop rotational intervals with DuPont™ Afforia® herbicide

The following rotational crops may be planted after applying Afforia® herbicide at the listed rate. Planting earlier than the recommended rotational interval may result in crop injury.

Crop rotation intervals	
Crops	Afforia® herbicide rates
	<b>2.5 oz/A or less</b>
Soybean	Immediately <sup>2</sup>
Field corn — minimum and no-till	14 days <sup>2</sup>
Field corn — conventional tillage, sorghum	30 days <sup>3</sup>
Wheat	30 days <sup>3</sup>
Sunflower	45 days
Barley, dry and snap beans, flax, lentils, peas, rye, safflower and sweet corn	3 months
Alfalfa, clover, oats, sugar beet (if soil is tilled prior to planting)	4 months
Alfalfa, clover, oats, sugar beet (if no tillage is performed)	8 months
Canola and all other crops not listed (if soil is tilled prior to planting)	4 months <sup>5</sup>
Canola and all other crops not listed (if no tillage is performed)	8 months <sup>5</sup>

## Weeds controlled with DuPont™ Afforia® herbicide at 2.5 ounces per acre

### Burndown control of emerged winter annual, summer annual and perennial weeds (partial list)

Buckwheat, wild <sup>1</sup> Buttercup, smallflower Canola, volunteer Chickweed, common Cocklebur <sup>1</sup> Dandelion Deadnettle, purple	Dock, curly Fiddleneck, coast Groundsel, common Henbit Kochia <sup>1</sup> Knawell, annual	Ladysthumb Lambsquarters: common, slimleaf Marestail (horseweed) <sup>1</sup> Mustard: tumble, wild Ragweed, common <sup>1</sup>	Shepherd's-purse Sowthistle, annual Sunflower Tansymustard Thistle, Canada (above ground portion)
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### Residual broadleaf weed control by preemergence application of Afforia® (partial list)

Dandelion Deadnettle	Henbit Lambsquarters	Little mallow Pigweed, redroot	Prickly sida Shepherd's-purse
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## For more information

Contact your local crop protection retailer or DuPont representative to learn more about DuPont™ Afforia® herbicide. And visit us at [afforia.dupont.com](http://afforia.dupont.com).

<sup>1</sup> The addition of at least 8 oz a.i. per acre of 2,4-D LVE was required.

<sup>2</sup> Where Afforia® is used on light-textured soils, such as sands and loamy sands, extend time to planting by 7 additional days. Where Afforia® is used on high-pH soils (>7.9), extend time to planting by 7 additional days.

<sup>3</sup> At least one inch of rainfall/irrigation must occur between application and planting or crop injury may occur.

<sup>4</sup> See the weed control chart below for specific application rates/directions.

<sup>5</sup> Successful soil bioassay must be performed prior to planting crops.

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank-mix combinations.

DuPont™ Afforia® is not available for sale or use in all states. Contact your local DuPont representative or retailer for details and availability in your state.

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Reorder No.: K-29184 (Replaces K-28109)