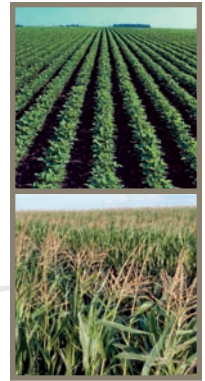


## Northern Corn Belt

DuPont™ Express® with TotalSol® soluble granules tank mixes with Basis® and Synchrony® XP herbicides

# Post Harvest Herbicide Recommendations from DuPont



## THE POST HARVEST SOLUTION TO DANDELION CONTROL

Dandelions have become an increasing problem since growers have shifted to reduced-tillage or no-till systems. After the crop has been harvested in the fall, weeds like dandelions begin to grow as they prepare to overwinter. In the spring, these tough weeds often take over a field, which can:

- Slow soil drying and delay planting.
- Cause poor seedbed conditions that can result in stand-establishment problems.
- Require higher rates of burndown herbicides because weeds are larger and harder to control.
- Increase the problem for future seasons, because weeds have been allowed to complete their life cycles, replenish their seed banks and develop their root systems.

## BENEFITS OF POST HARVEST APPLICATIONS FOR DANDELION CONTROL IN CORN AND SOYBEAN FIELDS

Post harvest applications of DuPont™ Express® with TotalSol® soluble granules and Synchrony® XP herbicides for fields going to soybeans, and Express® with TotalSol® soluble granules + DuPont™ Basis® herbicide for fields going to corn, provide:

- Dandelion burndown increases of 20 percent or more as compared to traditional treatments, according to 2003 to 2005 University of Wisconsin fall burndown trials.
- Reliable control, even under cool fall temperatures.
- Effective control following almost any crop when applied between harvest and ground freeze-up.
- Better management of glyphosate applications in soybeans or corn the following season.
- Soils dry out faster, which allows you to plant soybeans or corn as soon as spring weather/field conditions allow.

### WEEDS CONTROLLED BY EXPRESS® WITH TOTALSOL® SOLUBLE GRANULES<sup>†</sup> APPLIED POST HARVEST

Buttercup: hairy, smallflower	Henbit*	Pennycress, field
Chamomile: false, mayweed, wild	Lambsquarters: common, slimleaf	Pigweed, redroot
Chickweed, common	Lettuce**, prickly	Pineapple-weed
Dandelion*	Marestail*	Purslane, common
Deadnettle**	Miner's lettuce	Shepherd's-purse**
Falseflax, smallseed	Mustards: black, blue/purple, tumble/Jim Hill, wild	Spurry, corn
Fiddleneck: coast, tarweed	Parsnip*, wild	Tansymustard
Groundsel: common, cressleaf		Thistle: Canada, Russian*
Hemlock*, poison		Wallflower, bushy
		Whitlowgrass, early

### WEEDS PARTIALLY CONTROLLED\*\*\* BY EXPRESS® WITH TOTALSOL® SOLUBLE GRANULES<sup>†</sup> APPLIED POST HARVEST

Buckwheat, wild	Nightshade, hairy	Smartweed, Pennsylvania
Garlic, wild	Radish, wild	Sowthistle, annual
Knotweed, prostrate	Redmaids	Sunflower, common

<sup>†</sup> Express® with TotalSol® soluble granules may be used at a rate of ¼ to ½ ounce per acre for postemergence burndown of up to 3-inch emerged weeds in fallow fields in the fall.

\* 2,4-D LVE addition required.

\*\* 2,4-D LVE addition recommended.

\*\*\* Partially controlled weeds exhibit a visible reduction in numbers as well as a significant loss of vigor.

## PROVEN IN UNIVERSITY FIELD TESTS

### University of Wisconsin field trials, dandelion control with fall applications

#### Fall 2005 University of Wisconsin field tests: Setup treatment for soybeans

Treatments (rate per acre)	% Dandelion control 5/29/06*
DuPont™ Synchrony® XP 0.375 oz + DuPont™ Express® XP 0.125 oz + 2,4-D 16 oz + COC	96%
Roundup Original MAX 22 oz + Valor 2 oz + 2,4-D 16 oz + COC	77%
Roundup Original MAX 22 oz + 2,4-D 16 oz + COC	79%

\*Application on Nov. 7, 2005

Note: The DuPont™ Express® herbicide formulation has changed since the study was conducted in 2005. The equivalent rate of Express® with TotalSol® soluble granules is 0.188 oz/A.

#### Fall 2005 University of Wisconsin field tests: Setup treatment for corn

Treatments (rate per acre)	% Dandelion control 5/29/06*
DuPont™ Basis® 0.5 oz + Express® XP 0.125 oz + 2,4-D 16 oz + COC	96%
Roundup Original MAX 22 oz + 2,4-D 16 oz + AMS	55%

\*Application on Nov. 7, 2005

## RECOMMENDATIONS

### • Corn fields going to soybeans:

Express® with TotalSol® soluble granules 0.20 ounce per acre + Synchrony® XP 0.375 ounce per acre + 2,4-D (LVE) 1 pint per acre + COC 1 gallon per 100 gallons.

### • Soybean fields going to corn:

Express® with TotalSol® soluble granules 0.20 ounce per acre + Basis® 0.33 to 0.5 ounce per acre + 2,4-D (LVE) 1 pint per acre + COC 1 gallon per 100 gallons.

### • Fields going to corn, soybeans or wheat:

Express® with TotalSol® soluble granules 0.25 to 0.5 ounce per acre + 2,4-D (LVE) 1 pint per acre + glyphosate + NIS at 1 quart per 100 gallons for non-loaded glyphosate formulations + AMS 8.5-17 pounds per 100 gallons.

## WHEN TO APPLY

- Post harvest applications can be made immediately after harvest through ground freeze-up.
- For optimal results, spray before dandelions reach 3 inches in diameter.



On the left, DuPont™ Synchrony® XP at 0.375 oz + Express® XP at 1/10 oz + 2,4-D LVE at 1 pt. Date of application: Nov. 4, 2005. Photo taken May 4, 2006.



On the left, Basis® at 0.33 oz/A + Express® XP at 1/10 oz/A + 2,4-D LVE at 1 pt/A + COC at 1 qt/A. Date of application: Oct. 21, 2005. Photo taken May 10, 2006.

## FOR MORE INFORMATION

Contact your local DuPont crop protection retailer or DuPont representative. And visit us on the Web at [cropprotection.dupont.com](http://cropprotection.dupont.com).

*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 that must be read before using the product. 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.*

*The DuPont Oval Logo, DuPont™, The miracles of science™, Basis®, Express® and Synchrony® are trademarks or registered trademarks of DuPont or its affiliates.*

*Roundup Original is a registered trademark of Monsanto Technology, LLC.*

*Valor is a registered trademark of Valent U.S.A.*

*Copyright © 2003-2008 E.I. du Pont de Nemours and Company. All Rights Reserved. 10/08*

*Reorder No.: K-14968 (Replaces K-14734)*



*The miracles of science™*