



## BURNDOWN HERBICIDE FOR WINTER WHEAT

### PRE-PARE® TO BATTLE BROME AND GIVE WINTER WHEAT A FIGHTING CHANCE.

Brome grasses are a growing problem for winter wheat producers across the plains. They have roughly the same life cycle as winter wheat, but mature more rapidly and continue to grow at low temperatures even after winter wheat has gone dormant. This gives bromes a competitive edge in the spring, and winter wheat is unable to catch up before harvest.

#### BE PROACTIVE, PRE-PARE FOR BROME

The best first step for managing brome grasses is PRE-PARE® Herbicide. Adding PRE-PARE to your glyphosate is insurance against an early brome outbreak. The residual action in PRE-PARE provides important early season management of brome grasses and other glyphosate-tolerant weeds, so winter wheat gets the important head start it needs. And PRE-PARE provides best-in-class crop safety in winter wheat.

#### THE PRE-PARE ADVANTAGE

- Residual control of both grassy and broadleaf weeds for a longer-lasting clean.

#### WEED ACTIVITY

PRE-PARE, when added to glyphosate, provides enhanced contact and residual soil activity on a wide spectrum of grassy and broadleaf weeds. *(Sequential applications of a labeled herbicide for these weeds are required for season long control.)*

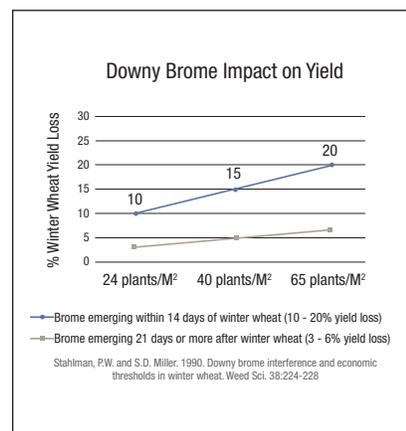
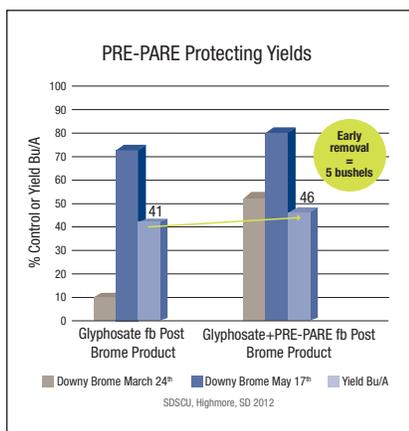
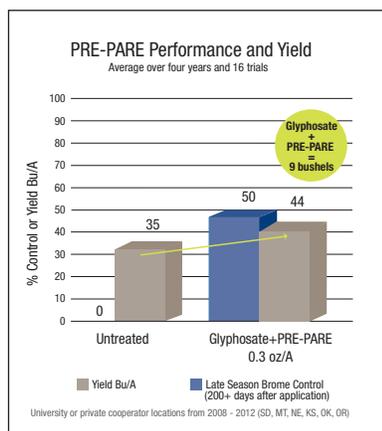
#### GRASSY WEEDS

- Wild oats
- Japanese brome
- Downy brome
- Cheat (True cheat)
- Rescuegrass

#### BROADLEAF WEEDS

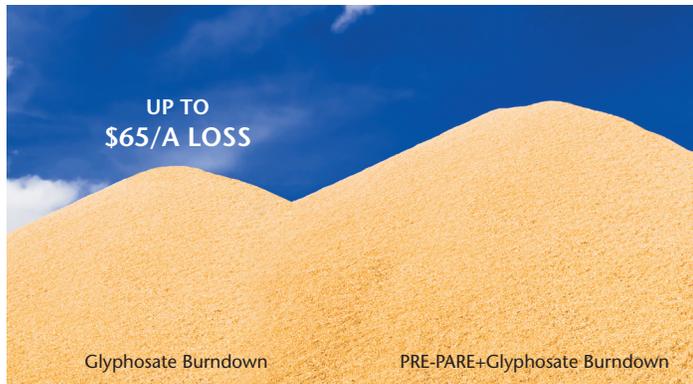
- Field pennycress
- Flixweed
- Downy brome
- Shepherd's purse
- Tansy mustard

- Yield protection – removing early brome competition for the first 3 weeks after winter wheat emerges is critical to assuring yield potential, winter wheat stand and winter wheat survival.
- PRE-PARE means you no longer have to wait for all of your brome to emerge prior to planting; seed earlier for maximum yield.
- By protecting your newly planted wheat crop from bromes, wild oats and other fall-emerging weeds that come up after a glyphosate-only burndown, PRE-PARE extends the time your valuable crop has to grow competition-free.
- Improves the control of your post-emergence brome products. When there's not enough time in the fall, and the spring performance is unsatisfactory, PRE-PARE will enhance your overall brome control.
- Enhanced performance on glyphosate-tolerant weeds and other tough weeds, such as Japanese brome, downy brome, foxtail barley, flixweed, blue mustard and more.



# PRE-PARE FOR WINTER WHEAT SEASON

## MAXIMIZE YOUR YIELDS



- Early weed removal is critical for achieving the highest yielding crop. Independent research\* shows that if downy brome emerges within 14 days of a winter wheat crop, it can reduce yield by 15 - 22%, and produce 4 times more weed seed than downy brome that emerges later.
- Ed Davis, a science research associate at Montana State University says, "If downy brome emerges at the same time as winter wheat, and is allowed to compete with the crop, that is where we see the greatest impact on yield. If a flush occurs in the spring in a well established winter wheat crop, there isn't much impact on yield."
- PRE-PARE allows you to seed earlier, and establish a winter wheat crop that gets a head start on bromes and wild oats. The early season performance of PRE-PARE reduces the loss of fertilizer and moisture due to weed competition.
- No extra trips over the field – just drop it in with your glyphosate. If an in-crop follow-up treatment is required, any registered product can be used. You have complete flexibility.

\*Research trials conducted at Agriculture and Agri-Food Canada in Lethbridge, Alberta.

## APPLICATION PROCEDURES – WINTER WHEAT

### CROPS

Winter Wheat

### ACTIVE INGREDIENT

Flucarbazone – sodium (Group 2)

To learn more about PRE-PARE Burndown Herbicide for winter wheat, visit [www.arystalifescience.us](http://www.arystalifescience.us) or call 1-866-761-9397 toll free.

# Pre-Pare®

## BURNDOWN HERBICIDE FOR WINTER WHEAT



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## TIMING

Apply PRE-PARE with your regular glyphosate burndown application (within 10 days of planting).

## RATE

For winter wheat apply PRE-PARE on soils with organic matter greater than 1.0% and pH less than 8.0.

- 0.2 - 0.3 oz/A with your standard glyphosate treatment.

Application Rate for Winter Wheat Based on Soil pH and Soil Organic Matter (OM)			
Soil pH	OM 1.0-1.4%	OM 1.5-2.0%	OM > 2.0%
pH 7.5-8.0	0.2 oz/A	0.25 oz/A	0.3 oz/A
pH < 7.5	0.3 oz/A	0.3 oz/A	0.3 oz/A

- All standard adjuvant systems and additional glyphosate tank-mixes are compatible with PRE-PARE.
- Tank-mixing with reduced rates of Maverick® can extend residual control.
- Refer to label for aerial application procedures.

## MIXING INSTRUCTIONS

Ensure the spray tank is clean. In-line strainers and nozzle screens should be clean and 50 mesh or coarser.

1. Fill the spray tank ¼ to ½ full with clean water and begin agitation or bypass.
2. Add PRE-PARE directly to the spray tank.
3. Add the glyphosate herbicide.
4. Add the surfactant.
5. Add fertilizer/micronutrients (if needed).
6. Fill the spray tank to the required level.

Maintain sufficient agitation during both mixing and application of PRE-PARE.

## CROP ROTATIONS

PRE-PARE can be used in a wide variety of crop rotation programs based on soil types and prevailing climatic conditions. Refer to the PRE-PARE label to determine how PRE-PARE fits into your crop rotation plans.

## CONDITIONS

PRE-PARE can be applied to no till stubble or black soil fields with the normal application of glyphosate.