

# BEYOND®

HERBICIDE | for CLEARFIELD® wheat

## Yield Robbers of the High Plains

### Jointed Goatgrass



- As few as 5 plants/square yard reduce winter wheat yields up to 30%<sup>1</sup>
- Severe dockage also likely


### Cheat & Downy Brome



- 25-65 plants/square yard reduce yields 10-20%; 100 plts/square yard are common<sup>2</sup>
- Heavy infestations reduce yields up to 90%


## Industry Standard for Control

University of Nebraska Grass Response Rankings<sup>1</sup>

	Downy Brome	Jointed Goatgrass	Feral Rye
	8	9	7
Maverick®	6-9	3	1
Olympus™	6-9	5	1

<sup>1</sup>10=96-100%; 9=90-95%; 8=85-90%; 7=80-84%; 6=70-79%; 5=60-69%; 2 to 4=less than 60%; 1=0%

Kansas State University Grass Response Rankings<sup>1</sup>

	Downy Brome	Japanese Brome	Cheat	Italian Ryegrass	Jointed Goatgrass
	G-E	E	E	G-E	E
Maverick	F-G	G-E	G-E	F	---
Olympus	F-G	E	E	F	P

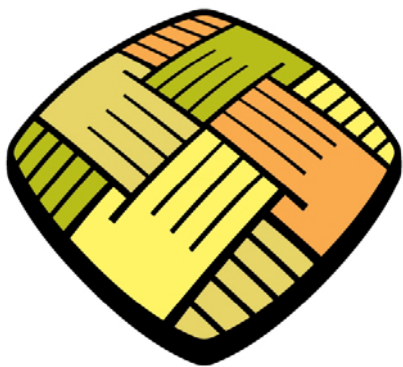
<sup>1</sup>E = Excellent; G = Good; F = Fair; P = Poor; --- = Weed not listed on label

**CLEARFIELD® Wheat**  
 Technical Information  
**Bulletin**

Agricultural Products

  
 The Chemical Company





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## Application Guidelines – Keys to Success

### Time of Application<sup>1</sup> - Active Growing Conditions

CLEARFIELD Winter Wheat	After Tiller Initiation and Prior to Joint
CLEARFIELD Spring Wheat	4-Leaf to Prior to Joint

	When majority have emerged but ...
Broadleaf Weeds	... before most exceed 3" in height
Grass Weeds	... before most exceed 4-5 leaves

<sup>1</sup>Refer to label for additional information (e.g., specific weed sizes)



### Beyond Rates

CLEARFIELD Winter Wheat	4 to 6 oz/A
CLEARFIELD Spring Wheat	4 oz/A

### Adjuvant Requirements and Rates<sup>2</sup>

Nonionic Surfactant	1 quart
Nitrogen Fertilizer	Liquid: 2.5 gal OR AMS: 12-15 lbs

<sup>2</sup>Rate: Amount/100 gallons spray solution

### Tank-Mix Options

Banvel<sup>®</sup>, Bronate<sup>™</sup>, Buctril<sup>®</sup>, Clarity<sup>®</sup>,  
Curtail<sup>®</sup> M, 2,4-D ester, MCPA, Starane<sup>®</sup>

### Always read and follow label directions

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APN-2006-19-191-DEW-004

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Stahlman, F.E. Northam, G.A. Wicks. 2000. Weed Sci. 48: 720-727.

2 Stahlman, P.W. and S.D. Miller. 1990. Weed Sci. 38:224-228.