



**BEYOND™**  
HERBICIDE | for CLEARFIELD\* wheat

# Guide For Maximizing Crop Performance and Weed Control CLEARFIELD\* Production System For Wheat

Environmental stresses contribute to crop response with most herbicides including Beyond™ in CLEARFIELD wheat. Stressed wheat is more likely to exhibit herbicide symptoms. In most cases these symptoms are temporary, but under some conditions, crops under multiple stresses may recover slowly.

## Cultural Practices

- ✓ Prepare good seedbed
- ✓ Ensure good seed to soil contact
- ✓ Plant seed in moisture zone
- ✓ Plant at a minimum depth of 1 ½ inches
- ✓ Minimize surface residue
- ✓ Maintain optimum fertility levels
- ✓ Avoid cereal re-cropping without good pre-crop management practices that may include: tillage, stubble burning, etc.

## Crop Stage

- ✓ Spray when wheat is tillering but prior to jointing
- ✓ Spray wheat after secondary roots have developed
- ✓ Spray actively growing wheat
- ✓ Avoid spraying wheat under stresses that may include adverse weather conditions, extreme weed pressure, and/or disease.
- ✓ Don't spray if wheat is under poor fertility conditions

## Weed Stage

- ✓ For optimum grass control, spray grasses prior to tillering; Spraying large multi-tillered weedy grasses like feral rye and Italian ryegrass may only provide suppression
- ✓ Spray actively growing weeds
- ✓ Less than satisfactory control may result if grasses are under stresses such as drought, moisture, temperature, and high populations

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## Application Recommendations

- ✓ It is recommended to spray with a minimum of 10 GPA of water for ground applications, and 5 GPA of water for aerial applications
- ✓ Minimize spray overlaps
- ✓ Maintain uniform spray coverage, and avoid aerial applications in sloping terrain
- ✓ Aerial applications may decrease weed control and crop safety
- ✓ Ensure wheat is in proper growth stage for both Beyond and tank mix partner

## Environmental Conditions

- ✓ Spray only when maximum daily temperatures are expected to exceed 40°F
- ✓ Avoid spraying under prolonged cool, wet, and overcast conditions
- ✓ Avoid spraying when the wheat plant is under stress conditions such as moisture extremes, cold temperatures, disease, and/or insect damage

## If Crop Response Occurs

- ✓ Infrequently, wheat sprayed with Beyond may display temporary shortening of internodes and yellowing
- ✓ Plant stress conditions can prevent normal rates of metabolism of Beyond herbicide
- ✓ Crop response should disappear once the plant begins to actively grow

**Always read and follow  
label directions.**



The Chemical Company