

AERIAL APPLICATION to CORN and SOYBEANS



Recommendations for Application Success

ADJUVANT

✓ 5 or more gallons/acre (GPA) carrier volume

- Adjuvant: Use an approved adjuvant with Headline
- Example: Nonionic surfactant 1-2 pints/100 gallons (0.125-0.25% v/v)

✓ 2 to 5 gallons/acre (GPA)

- Adjuvant: Use a crop oil with emulsifier properties
- Rate: 0.5-1.0 pint/acre
- Use the higher oil rate when temperatures are high, Relative Humidity (RH%) is low, or when GPA is less than or equal to 3 gpa
- Oil helps prevent spray droplet from evaporating

✓ Less than 2 GPA – Do not apply Headline

CONSIDERATIONS

- Increase application GPA if weather conditions become less conducive to spray droplets reaching the target, [high temps (>85°F), low RH% (<60%)]
- Remember, as GPA is decreased, the need for calibration and proper droplet sizes becomes even more critical for success

COVERAGE

- ✓ **Spray coverage throughout entire crop canopy must be achieved for maximum crop protection with Headline**
- ✓ **Select nozzles and adjust pump pressure to create medium to fine spray droplets**
- ✓ **Adjust pressure/air flow to force droplets into crop canopy**
- ✓ **Calibrate boom/nozzles after changes or adjustments are made**

TIMING

- ✓ **Apply Headline at optimum timing to maximize crop yield and quality**
 - Soybeans: Optimum timing = R2-R3 (Full bloom-beginning pod)
 - Corn: Optimum Timing = Vn-R1 (Pre-tassel – Silking)

HEADLINE USE RATE (fluid oz/acre)

Field corn:
6 oz/a

Sweet/pop corn:
6-9 oz/a

Seed corn:
9 oz/a (1 app)
6 oz/a (2 app)

Soybeans:*
6 oz/a

Always read and follow label directions.

*For Asian soybean rust refer to main label for Headline rates and rust control programs.

Headline is a registered trademark of BASF. ACT is a trademark of BASF.

©2006 BASF Corporation. All rights reserved.

APN 4-2006-19-88-302(1)-32A