

Arkansas Application Requirements for Enlist Duo™ Herbicide

U of A **DIVISION OF AGRICULTURE**
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- Avoid gusty conditions and spray between 3 and 10 MPH wind speed.

**Wind
Speed**

**Carrier
Volume**

- Use water as a carrier, applying between 10 and 15 GPA. See tank mix partners.

- Do not spray when wind is favoring an adjacent sensitive crop or area.

**Wind
Direction**

**Nozzles &
Pressure**

- Label required nozzles listed on reverse side. Nozzle design will determine pressure.

Enlist Duo™ may only be tank-mixed with products that have been tested and found not to adversely affect the spray drift properties of Enlist Duo. A list of those products may be found at EnlistTankmix.com

Tips for Reducing Off-Target Movement

Calibrate Regularly: Knowing sprayer output is the first step for ideal applications.

Speed: Increasing travel speed decreases optimal spray deposition and increases drift potential. Restrict applications to 15 mph or slower. Consider making spray decisions based on spray droplet speed instead of travel speed and wind speed separately. Droplet speed is:

Equipment speed + Head wind

OR

Equipment speed - Tail wind

Reduce Boom Height: 110° drift reduction nozzles often recommend 100% overlap. Assuming 20" spacing, height should be between 24" and 28" above ground or crop canopy. Always check nozzle requirements.

Reduce Pressure: Lower pressures produce fewer drift prone fines. Select a pressure in the middle of the nozzle's designed operating pressure range.

Max Speed at Carrier Volumes for Required Nozzles at Max PSI

			GPA>	10	12	15
TIPS			PSI Max	Travel Speed MPH		
Greenleaf	TDXL	11003	40	9	7	6
		11004	45	12	10	8
	TDXL	11003-D	90	13	11	9
		11004-D	90		15	12
Hypro	ULD	12004	70		13	10
		12006	50			13
Teejet	AI	11004	60	15	12	10
		11006	60			14
	AITTJ60	11006	40		15	12
	AIXR	11003	30	8	6	5
		11004	40	12	10	8
		11006	40		15	12
Wilger	TTI	11004	85		14	11
	MR	11006	60			14

MPH calculation assume 20" nozzle spacing

For more information contact Jason Davis, Application Technologist

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