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Growers and Applicators Advised to use Caution with Loyant Herbicide

LITTLE ROCK, ARK. – Following concern from Arkansas growers and applicators regarding alleged damage from the application of Loyant, a rice herbicide, the AAD’s State Plant Board Pesticide Committee is advising Arkansas growers and applicators to follow the product label closely. **Growers and applicators should be aware that soybeans are especially sensitive to drift from Loyant.**

Find a full product label for Loyant [here](#) and the Special Local Needs (SLN) label for the aerial application of Loyant [here](#). Label requirements include:

- **Do not apply when wind is blowing toward adjacent cotton, carrots, soybeans, corn, grain sorghum, wheat, grapes, tobacco, vegetable crops, flowers, ornamental shrubs or trees, or other desirable broadleaf plants.**
- **Do not apply under conditions of a low level air temperature inversion.**
- **Do not tank mix any pesticide product without first referring to the Loyant Tank mix website, [here](#), which has a list of active ingredients that are currently prohibited from use in tank mixture with this product.**
- Aerial applicators must use a minimum finished spray volume of 10 gallons per acre.
- Drift potential is lowest between wind speeds of 2 to 10 mph. Do not apply below 2 mph due to variable wind direction and high potential for temperature inversion. Do not apply in wind speeds greater than 10 mph.
- To minimize spray drift from aerial application, apply Loyant with a nozzle class that ensures coarse or coarser spray (according to ASABE S572) with the appropriate corresponding boom pressure as recommended by the manufacturer.
- The distance of the outer most operating nozzles on the boom must not exceed 70% of wingspan or 80% of rotor diameter.
- Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.
- The maximum release height must be 10 feet from the top of the crop canopy, unless a greater application height is required for pilot safety.

Dow AgroSciences, the manufacturer of Loyant, provides more detail about the product and product application, [here](#). Growers and applicators can also contact Dow representatives at 1-800-992-5994.

The State Plant Board sent an advisory to aerial applicators on Friday, May 25, available [here](#). This release serves as an addendum to that advisory.

The AAD is dedicated to the development and implementation of policies and programs for Arkansas agriculture and forestry to keep its farmers and ranchers competitive in national and international markets while ensuring safe food, fiber, and forest products for the citizens of the state and nation. Visit www.agriculture.arkansas.gov

