The Arkansas Department of Agriculture requires pesticide products containing the active ingredient **Quinclorac** or **Clomazone**, for agricultural use, to undergo Aerial Droplet testing by a third-party entity prior to sale or distribution in Arkansas.

Additional data is required for the following:

New Formulation of Quinclorac, Agricultural Use only.

- Require droplet data to verify that aerial application of any new formulation of quinclorac is not significantly different from that of Facet herbicide (manufactured by BASF) applied under the same conditions. If herbicide meets these criteria, the Board also requests documentation that tank mixing new formulation with commonly used emulsifiable concentrate (EC) and non-EC rice herbicides will not alter the droplet spectrum compared to that of new formulation alone.

  A clomazone tank treatment can be included as part of the protocol to provide data in support of tank mixing with Clomazone aerial labels in Arkansas.

New Formulation of Clomazone, along with any products that will be labeled to be tank mixed with the clomazone product and applied by air.

- Require droplet data to verify that aerial application of any new formulation of clomazone is not significantly different from that of Command 3ME herbicide (manufactured by FMC) applied under the same conditions. Also, any pesticide product (brand name specific) that intends to be labeled in tank mix with clomazone product for aerial application to rice.

Products labeled for aerial application in a tank mix with clomazone, to Rice.

- Require droplet data for any pesticide in tank mix with clomazone or containing product and applied by air to rice under the current clomazone 24c labels.

Droplet study protocol accepted by the State Plant Board is as follows:

Droplet testing is product brand name specific. The treatments will be applied in a total volume of 10 GPA by commercial aircraft used to commonly apply herbicide. The study will be conducted on a day in which the environmental conditions are similar to local herbicide application timing. With each treatment a dye will be included. Each treatment will be replicated twice with one replication being applied utilizing a north-south pass and the other with an east-west pass. Both water sensitive and dye sensitive cards (15 of each) will be uniformly spaced in the swath area. Weather conditions will be monitored during the

application. The cards will be collected for each treatment and delivered for droplet spectrum analysis. Final report must be submitted to the Arkansas Department of Agriculture.

New testing protocols require board approval.