

**SPRAY DRIFT REDUCTION TECHNOLOGY IN THE APPLICATION OF PESTICIDES FOR ROW  
AND FIELD CROPS THROUGH THE USE OF BROADCAST SPRAY HOODS**

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**Abstract**

With the introduction of new technologies, the ability to control drift is an important issue for all growers. Spray drift impacts not only the environment but human health as well. Through the use of broadcast hoods, cotton growers can reduce drift and prepare for upcoming dicamba/Xtend crops and 2,4-D/Enlist crops. Test results demonstrate to cotton growers a beneficial way to limit drift while maintaining better coverage of pesticides. The University of Nebraska, Lincoln, West Central Research and Extension Center in North Platte, Neb. was contracted to verify coverage and drift reduction while using new Redball™ Gen II Broadcast Spray Hoods. The test was conducted with two identical broadcast sprayers; one with Redball™ Gen II Broadcast Hoods and one without hoods. The University of Nebraska testing proved Redball™ Gen II Broadcast Hoods significantly reduce drift while also providing better coverage versus same tip open boom.