

PILOT REPORT

Air Repair Hydraulic Gate System

Valley Air-Indianola, MS



Jerry Jones and David Miller

Third season with the Air Repair Inc. Hydraulic Gate System on his 550 Thrush. Aircraft is using the standard 5" Transland gate and 22007 8-vane spreader easily achieving rates of 275 per acre or more. Operator, Jerry Jones, says, "I convinced my customer base to pool their spring potash prescription applications together for greater efficiency. A map was generated that covered 14,034 acres with 903 tons of potash at 8 different rates from 0-200 lbs per acre. Pilot David Miller has used this system since 2009 while flying a 602 Air Tractor for Betterfly in Indianola. David reports, "I flew the job over 63.58 hobb hours and 14 days which included some weather delays. Runs were 11 miles long with some runs requiring three 4000 lb loads. The material ran out on the next to last pass being off by only 1 ton on 903 tons. We use the system at the prescription level a lot but it works great in constant rate on every job. Passes are uniform upwind and downwind even on a 20 mph day giving the grower a better quality job. On top of that, your arm isn't worn out at the end of the day. "

The only field proven FAA approved Gate Control System

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