

THE ROI OF BMPs

Economic Value of Proactive Weed Management



RESULTS FROM A FIVE-YEAR FIELD SCALE STUDY with side-by-side comparisons between proactive academic best management practices (BMPs) and farmer standard practices (SP) demonstrated that proactive use of BMPs are economically feasible while guarding against the evolution and development of resistance.

■ Academic BMP ■ SP



STUDY PARAMETERS:

- Five years of data (2006-2010) was collected from more than 100 farmer fields in Iowa, Nebraska, Illinois, Mississippi and North Carolina
- Minimum field size was 16 acres. Weed management in each field was equally split between a program recommended by the local academic and programs being used by the farmer (in many cases these were glyphosate only herbicide programs)
- Farmers provided feedback on input costs, yield with net return (calculated as yield x December cash value) minus weed control costs
- Farmers planted crops in production systems That ranged from continuous Roundup Ready® soybeans, corn or cotton to farmer selected rotations with non-glyphosate resistant corn.

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