

Best Management Practices for Cropland Pollutants

Potential to Reduce Pollutant Loss

Best Management Practice	Pesticides		Nutrients			Suspended Solids
	Alachlor	Atrazine	Soluble Phosphorus	Total Phosphorus	Nitrogen	
Retain and reuse application equipment rinse waters	Medium	Medium	Medium	No Effect	Medium	No Effect
Read and follow herbicide label directions	Low to High	Low to High	No Effect	No Effect	No Effect	No Effect
Use weed scouting / integrated pest management	Low	Low to High	No Effect	No Effect	No Effect	No Effect
Use nonchemical cultural weed control methods to minimize herbicide use	Low to High	Low to High	No Effect	No Effect	No Effect	No Effect
Avoid overspray and drift, back siphoning, and do not mix, load, or clean equipment near wells and water bodies	Medium to High	Medium to High	Medium to High	Low	Medium to High	No Effect
Conservation tillage farming	Low to Medium	Low to Medium	Low to Medium	High	Low to Medium	High
No-tillage farming	Low to Negative	Low to Negative	Low to Negative	High	Low to Negative	High
Contour farming	Medium	Medium	Medium	High	Medium	High
Contour strip farming	Medium	Medium	Medium	High	Medium	High
Terraces with tile outlets	Low	Low	Low	Medium	Low	Medium
Terraces with grass waterways	Low to Medium	Low to Medium	Low to Medium	Medium	Low to Medium	Medium
Use lowest soil-applied herbicide rate necessary to control weeds	Low	Low	No Effect	No Effect	No Effect	No Effect
Soil sampling and testing	No Effect	No Effect	High	High	High	No Effect
Use optimum phosphorus / nitrogen fertilizer rate	No Effect	No Effect	High	High	High	No Effect
Spill response plan for pesticides and fertilizers	High	High	High	High	High	No Effect

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Kansas State University Agricultural Experiment Station and Cooperative Extension Service

MF-2462

August 2000

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