

ROTATIONAL CROPPING SYSTEMS FOR WEED MANAGEMENT IN WHEAT

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SUMMARY

Experiments were established in cheat infested fields in north central Oklahoma to determine reductions in cheat densities in yield benefits of rotating out of wheat for one production cycle.

Rotations consisted of continuous wheat; wheat, double-crop grain sorghum, early season soybeans, and double-crop wheat; and wheat, double-crop soybeans, early season soybeans, and double-crop wheat.

Each rotation was implemented in no tillage and conventional tillage with eight different herbicide treatments. Crop yield and weed control data will be presented.