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**Forty years of kochia (*Bassia scoparia*) control with herbicides in sugar beet.**

Kochia remains a problematic weed in sugar beet, especially in the Western United States. Kochia has evolved resistance to ALS-inhibiting herbicides, PPO-inhibiting herbicides, triazine herbicides, synthetic auxin herbicides including dicamba, and glyphosate. In an effort to manage this weed, older herbicides have received new interest. Annual herbicide efficacy reports starting in 1984 were reviewed and summarized to provide insight into the history of kochia control in sugar beet.