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European Bindweed in Iowa

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season the root and crown undergo marked changes in development of conductive tissues and lignification of cell walls. In the annual, the root and crown develop very little storage tissues and most tissues are lignified.

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EUROPEAN BINDWEED IN IOWA

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The European Bindweed, Creeping Jennie, *Convolvulus arvensis*, the worst perennial weed of California, Kansas, and Colorado, is now quite common in the northwestern part of the state. This species has a rather fine, deeply penetrating root system, which after a time forms a dense underground network of roots. The flowers and leaves are only about one-half the size of the native species, *C. sepium*. The plant is exceedingly hard to eradicate through cultural methods. The most effective procedure to destroy this weed is, in all probability, to spray it with herbicides like sodium chlorate.

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