

DUFFUS, JAMES E.*, R. PERRY, H. Y. LIU, and C. WATSON. USDA-ARS, 1636 E. Alisal St., Salinas, CA 93905 and University of Arizona, Tucson, AZ 85706-6985. - Susceptibility of *Atriplex* sp. to beet curly top virus.

Atriplex sp. are being evaluated in California by several government groups as a forage crop when irrigated with saline drainage water. *Atriplex*, a salt loving plant, has an affinity for selenium. Perennial species are used as a multi-clipped forage crop and fed to selenium deficient cattle. Most *Atriplex* sp., reported in the literature of the 1920's, have been susceptible to beet curly top virus (BCTV) and may act as virus and vector (beet leafhopper) reservoirs. *Atriplex* sp. found to be most promising (productivity, forage quality and agronomic characteristics) were evaluated as beet leafhopper hosts and for BCTV susceptibility. *A. barclayana*, *A. camarones*, *A. canescens*, *A. canescens* subsp. *macropoda*, *A. cinera*, *A. deserticola*, *A. halimus*, *A. nummularia*, and *A. sagittifolia* were all found to be poor hosts of the beet leafhopper and were not hosts of BCTV. The utilization of these species should not be considered as threats to curly top control efforts. A reevaluation of the host range of BCTV is probably justified.

BRIGGS, STEPHEN P.*, and R. W. WHITMORE. American Cyanamid Company, Quakerbridge Executive Center, Grovers Mill Road, Room 100, Lawrenceville, NJ 08543. - New COUNTER[®] 20CR[™] systemic insecticide-nematicide for sugar beet growers.

A new and innovative formulation of terbufos (COUNTER 20CR) has been developed by American Cyanamid Co. The formulation is a 20% active ingredient pellet manufactured from various inert ingredients that eliminate dust and increase user safety. All the pellets are of uniform shape and size, with a high density which allows the applicator to make a more precise application. This formulation also is controlled-release, and tests throughout the Northwest and Red River Valley continue to demonstrate superior control of the sugarbeet root maggot, leafhoppers, and other pests of sugar beets.