

EFFICACY AND RESIDUE ANALYSIS OF DISULFOTON IN DRIP IRRIGATED
ASPARAGUS FOR ASPARAGUS APHID CONTROL

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A three-year-old planting of cv. 500 W Asparagus under rill irrigation was converted to drip irrigation. Di-Syston 8EC (disulfoton) at 1.12 kg/ha was injected into bi-wall drip irrigation lines in mid-August 1983. Aphid numbers in treated plots were found to be significantly lower than untreated ($P = .95$). Total residues reached a peak of 1.0-2.0 ppm 21 days after injection and fell to 0.1-0.2 ppm 53 days after injection.