

Section VII
Forage & Seed Insects

COMPARISON OF CSPW DAMAGE ON GAUCHO TREATED CANOLA

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GaUCHO 75 ST at a rate of 12 oz ai cwt was applied as a seed treatment. Canola was seeded in a randomized complete block design of 4 replicates of 6 x 20 ft per treatment with a small plot drill at a rate of 6 lb/acre. Only 2 treatments were considered: an untreated check and the GaUCHO 75 ST seed treatment. At 80% dark seed, samples of 1 meter square were cut from all replicates and passed through a stationary thresher after counts of CSPW exit holes per 100 pods were made. Data in the table show control of CSPW damage compared to the check with significant differences in number of exit holes and Canola yield adjusted to lbs/acre. These data constitute a research report of a preliminary study which will be repeated in 1997. Some insecticidal activity from GaUCHO seems to occur through pod formation in Canola.

Comparison of cabbage seedpod damage and canola yield

<u>Treatment/formulation</u>	<u>Rate/cwt</u>	<u>% Exit holes</u>	<u>Lbs/acre</u>
Check	-----	17.3a	650.0a
Gaucha 75 ST	12 oz ai	1.0b	1119.4b

Means followed by same letter not significantly different. LSD 0.05; ANOVA.