

Section VII
Foliage & Seed Feeding Pests

**WINTER CANOLA MANAGEMENT USING NOVELLE
INSECTICIDES 2002-2003**

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An 8 treatment trial of seed treatment and floral treatment insecticides was seeded on 8/10/02 using a fall seeded variety "Olsen" at CFRF. Seeding was in 4 x 10 x 20 feet replicates in RCBD plot design Emergence date was 8/18/02. 5 seed treatments were applied at seeding. Floral treatments were made on 4/22/03 by CO2 back pack sprayer set at 20 gpa/20 psi (with only Cabbage Aphid (CA), *Brevicoryne brassicae*, present in the trial. Evaluation of the floral treatments was made on 4/29/03 (7-DAT), and 5/10) (15-DAT) by counting CA colonies and mean number per colony in each replicate. Harvest yields were collected on 7-23-03 using a Winter-Steiger Plot Combine (small concave, high wind) to cut a 5 feet swath in each replicate by 20 feet in length. Yield data are expressed in lbs. acre in the table below.

Table 1.

Treatment	Rate	PRCT CA(x)	7-DAT CA(x)	15-DATCA(x)
1 Allegiance (CK)	2.38 fl oz/cwt	7(200)	7(200)	10(300)c
2 Gaucho 480	12 fl oz/cwt	0(0)	0(0)	2(50)b
3 Helix Extra	2000 ppm/ac	0(0)	1(25)	2(50)b
4 G7030-02	21.5 fl oz/cwt	0(0)	0(0)	0(0)a
+ 02/LO263-A1	10.24 fl oz			
5 Gaucho CS	21.5 fl oz	0(0)	1(30)	2(25)b
+ Gaucho 75 WO	2000 ppm/ac			
6 Capture 2E	0.04 lb aia (spray)	7(200)	0(0)	0(0)a
7 Warrior Zeon	0.035 lb aia (spray)	7(200)	0(0)	0(0)a
8 Mustang Max	0.025 lb aia (spray)	7(200)	0(0)	0(0)a

ANOVA;LSD t Test 0.05 Numbers followed by same letter are not SD.