

## Evaluating New Syngenta Seed Treatment Fungicide and Insecticide Products on Spring Wheat

**Table 1. Wheat Seed Treatment Trial, 2001.** SLV Research Center, Center, Colorado. Yield based on 60 lbs/bu and 12% moisture; conducted by Merlin A. Dillon, Area Extension Agent, Agronomy.

No.	Seed Treatment	Form Type	Form. Conc.	Product Rate	Grain Yield	Bushel Weight	Grain Moisture	Plant Population
				<u>GA/100KgSe</u>	<u>bu/ac</u>	<u>lbs/bu</u>	<u>%</u>	<u># / sq. ft.</u>
1	NONINOCULATED	--	---	---	82.1	60.7	11.2	14.4
2	DIVIDEND XL 1.67 FS	FS	201	13.0	75.8	59.9	11.2	15.8
3	DIVIDEND XL 1.67 FS	FS	201	26.0	87.0	60.4	12.3	17.1
4	RAXIL MD	FS	10.8	3.5	84.3	60.0	12.4	17.6
5	A12532	FS	115	15.0	84.7	60.1	12.2	16.7
6	A12532	FS	115	30.0	77.4	60.5	11.1	16.5
7	A12532 + CGA 301940	FS	115 100	15.0 2.5	77.4	60.1	11.9	16.9
8	A12532 + CGA 301940	FS	115 100	15.0 5.0	66.1	59.6	12.0	17.2
9	A12532 + ADAGE 5 FS	FS	115 600	15.0 39.0	70.6	59.5	12.2	16.3
10	A12532 + GAUCHO 600 FS	FS FS	115 600	15.0 46.5	81.3	60.1	11.4	16.7
11	A12532 + WARRIOR T 1CS	CS	115 120	15.0 22.4	72.6	59.0	11.4	16.3
<b>Mean</b>					<b>78.1</b>	<b>60.0</b>	<b>11.7</b>	<b>16.5</b>
<b>LSD, 5%</b>					<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>

Replications: 4; Untreated Treatments: 1; Design: Randomized Complete Block; Plot Size: 5.3 ft x 40 ft. Spring Wheat Variety: Oslo Hard Red Spring Wheat; Seeding Rate: 80 lbs/acre; Planting Date: April 24; Harvest Date: August 28; Irrigation; center pivot as needed.

The yield level was quite low for this location; limited by a combination of grassy weeds and limited nitrogen; mostly limited nitrogen.

Emergence was excellent with no stress related problems.