

**2004 Cantaloupe  
Seed Treatment Nematicide Trial  
Colorado City – Mitchell County**

Treatments		Ai rate	
<b>1</b>	check		
<b>2</b>	A9382 99459	7.25 GA/100 Kg seed 2.5 GA/100 Kg seed	
<b>3</b>	A9382 A9459 A14024	7.5 GA/100 Kg seed 2.0 GA/100 Kg seed 0.3 Mg A/seed	
<b>4</b>	A9382 A9459 A14024	7.5 GA/100 Kg seed 2.5 GA/100 Kg seed 0.45 Mg A/seed	
<b>5</b>	A9382 A9459 A14024	7.5 GA/100 Kg seed 2.5 GA/100 Kg seed 0.6 Mg A/seed	
<b>6</b>	A9382 A12050 A14024	7.5 GA/100 Kg seed 2.5 GA/100 Kg seed 0.45 Mg A/seed	
<b>7</b>	A9382 A9459 Vydate	7.5 GA/100 Kg seed 2.5 GA/100 Kg seed 4300 Ga/Ha	

**Variety = Gold Express**

**Planting date = May 24, 2004**

**Treatment date = May 24, 2004**

**Fumigation date = May 10, 2004**

**At Plant Nematicide Samples taken May 24, 2004**

**Cantaloupe Counts per 30' X 3' plots at Harvest  
Treated with 10 GPA Telone II/acre preplant**

Treatment	Rep 1		Rep 2		Rep 3				
1	53	<b>40 N*</b>	<b>4**</b>	69	<b>10 N*</b>	<b>2**</b>	52	<b>36 N*</b>	<b>6**</b>
2	64		<b>48</b>	69		<b>4</b>	70		<b>48</b>
3	54		<b>56</b>	64		<b>0</b>	62		<b>84</b>
4	69		<b>0</b>	67		<b>4</b>	73		<b>0</b>
5	54		<b>0</b>	74		<b>96</b>	64		<b>42</b>
6	60		<b>4</b>	70		<b>88</b>	83		<b>46</b>
7	76		<b>0</b>	66		<b>0</b>	58		<b>4</b>

**Portion with no Preplant Telone Treatment**

Treatment	Rep 1		Rep 2		Rep 3				
1	49	<b>120 N*</b>	<b>190**</b>	67	<b>40 N*</b>	<b>256**</b>	59	<b>88 N*</b>	<b>180**</b>
2	58		<b>112</b>	54		<b>64</b>	60		<b>88</b>
3	63		<b>120</b>	69		<b>928</b>	74		<b>748</b>
4	54		<b>16</b>	56		<b>8</b>	42		<b>80</b>
5	51		<b>4</b>	72		<b>1568</b>	51		<b>984</b>
6	44		<b>16</b>	76		<b>1128</b>	70		<b>916</b>
7	43		<b>104</b>	72		<b>0</b>	69		<b>16</b>

**\* = Nematode counts at Plant/100 cc soil**

**\*\* = Nematode counts at Harvest/100 cc soil**

**Yields and final nematode counts = August 9, 2004**