

## 2005 New Kent Wheat Seed Treatment L. C. Davis Sons, New Kent

**Cooperators:** Producer: Boogie and Wayne Davis  
 Extension: David Moore, Middlesex, VCE; Paul Davis, New Kent/Charles City VCE  
 Agribusiness: Jim Wallace, Water Quality Specialist, Colonial Soil and Water Conservation District; Berry Lewis, Gustafson

**Tillage:** No-Till into mowed corn stalks  
**Row Spacing:** 7" rows  
**Soil Type:** Altavista, fine sandy loam  
**Variety:** Nineteen different varieties  
**Fertilization:** Pre-plant broadcast 40-80-80 October 12, 2004  
 Winter N 44# 24-0-0-3 February 19, 2005  
 Spring N 70# 30%UAN April 8, 2005  
**Herbicides:** Burn down 1.5pts Gramoxone Max October 12, 2004  
 Post emergence 4.75oz Osprey, .33oz Harmony GT December 5, 2004  
**Insecticides:** 2.5oz Warrior December 5, 2004  
**Planted:** October 26, 2004  
**Harvested:** June 24, 2005

Treatment	Yield	% Moisture	Lbs Test Weight
Untreated	100.9	13.1	61
Raxil-Thiram	101.2	13.2	60
Baytan-Thiram	103.4	12.5	60
Gaicho XT	106.9	12.5	60
Raxil MD	106.3	13.0	60
Dividend Extreme	103.8	13.0	61

### **Discussion:**

All seed treatments yielded better than 100 bu/Ac. Gaicho XT and Raxil MD yielded, respectively, 6 and 5.5 bu/Ac higher than the untreated. At \$3.25/bu for wheat at harvest, that equates to \$17 to \$20 more per acre, not including the seed treatment cost. This plot showed little to no aphid pressure, little BYDV or powdery mildew throughout the entire season. One would expect higher returns on seed treatments when disease pressures are greater as in most growing seasons.

Compare these results with other seed treatment plots.

## 2004-05 WHEAT SEED TREATMENTS

**Cooperators:** **Producer:** Glenn F. Chappell  
**Extension:** Glenn F. Chappell, II  
**Agribusiness:** Berry Lewis, Gustafson

**Date Planted:** 10/10/2004

**Soil Type:** Mattaponi sandy loam

**Previous Crop:** Soybeans

**Tillage/equipment:** JD 1590 No-till drill

**Variety:** FFR 520

**Fertilization:** Preplant 50-100-100  
2/24/05 80-0-0  
3/30/05 40-0-0

**Crop Protection:** 3/30/05 Warrior – 2.0 oz  
Tilt – 4.0 oz  
Harmony Extra – 0.5 oz

**Date Harvested:** 6/24/05

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Treatment	Rep	Moisture	Test Wt.	Yield (bu./acre@13.5%)
Dividend Extreme	1	12.2	61	81.08
Check – FFR 520	1	12.2	61	82.43
Raxil/Thiram	1	12.5	61	85.72
Gaucho XT	1	12.4	61.5	88.50
Raxil MD	1	12.1	60	85.21
Baytan Thiram	1	12.3	61	88.15

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Discussion:

Grain growth and development were excellent all season with no significant disease or insect pressure.