

# Burrus BUZZ

Craig Kilby  
309-256-3887



Don Rhoads  
217-997-5511



Bryan Young  
217-997-5511

## Soybean Treatment Updates

At first glance, the additional cost of \$11.00 per unit for PowerShield soybean seed treatment appears to be significant, and some growers question paying that much more when compared to untreated soybean seed. The attached chart shows what the actual cost is. With the lower recommended seeding rates with treated seed, the additional cost is minimal, and only about ½ bushel yield increase is needed to pay for the treatment. With the value of the seed and soybean commodity prices increasing, utilizing PowerShield seed treatment makes economic sense. See e-mail attachment.

## PowerShield A Winning Combination!

- Increased Plant Stands
- Better seed vigor
- Quicker growth to canopy cover
- Optimize seeding rates by protecting every seed from insects and diseases
- Better germination



## Efficacy Chart Soybean Products

### Soybean Seed Treatment Efficacy Chart

Treatment	Pythium Decay	Rhizoctonia Damping-off	Phytophthora Root Rot (Seeding only)	Seedborne Fungi (including Fusarium and Penicillium)	Pod and Stem Blight	Rhizobia Friendly	Soybean Aphid <sup>1</sup>	Bean Leaf Beetle <sup>2</sup>	Seed Corn Maggot
<b>Trilex Allegiance</b> <small>(Trilex® AL or Trilex® + Allegiance®FL Concentrates)</small>	+++	++++	++	+++	++	+++	-	-	-
<b>PowerShield</b>	++++	++++	++++	+++	++	+++	+++	+++	++
<b>Trilex Allegiance + Gaucho®</b>	+++	++++	++	+++	++	+++	+++	+++	++
<b>Maxim® + Apron XL®</b>	+++	+++	++	+++	+++	++	-	-	-
<b>Cruiser Maxx™</b>	+++	+++	++	+++	+++	+++	+++	+++	++

++++ Excellent Activity (Compatibility)

+++ Good Activity (Compatibility)

++ Fair Activity (Compatibility)

+ Little Activity

- No activity

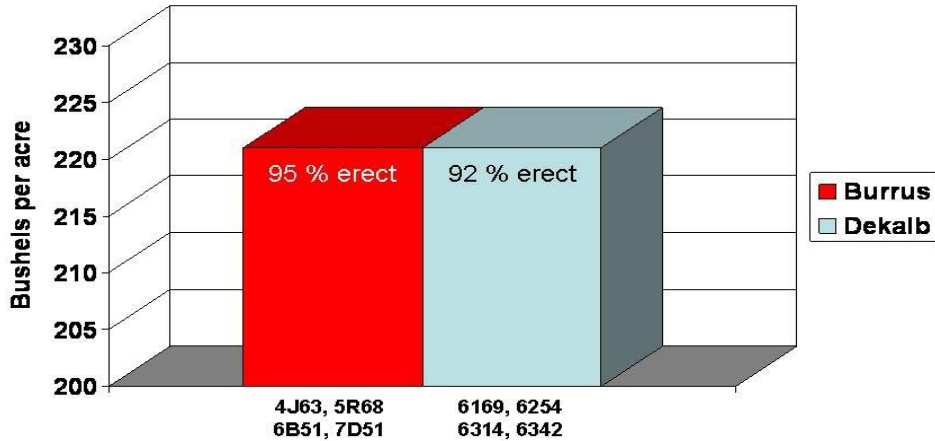
<sup>1</sup>Reduction of early-season aphid populations up to 65 days after planting

<sup>2</sup>Control of leaf damage caused by over wintering adult feeding

## Burrus' Industry Leading Hybrid Package

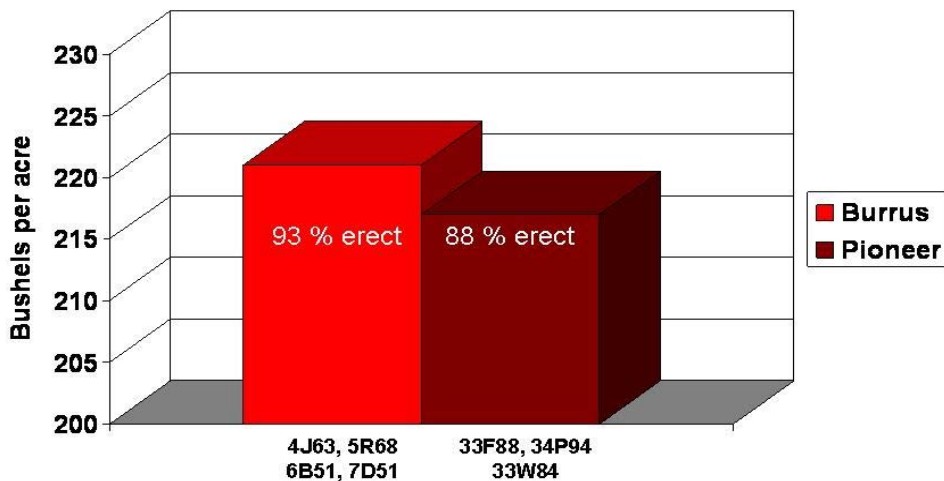
The Burrus family of products performed extremely well again in 2009. The two graphs illustrate the competitiveness of packages of hybrids from Burrus. The data is from a large number of side by side comparisons. Obviously the Burrus family of products can yield without sacrificing agronomics.

### Four Burrus hybrids compared to four Dekalb hybrids



2009 data, 173 side by side comparisons

### Four Burrus hybrids compared to three Pioneer hybrids



2009 data, 137 side by side comparisons

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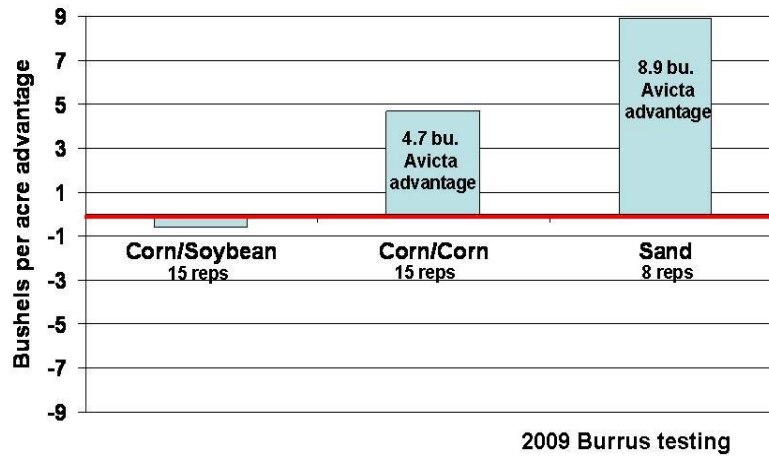
**Want to hire a professional agronomic team for your farming operation?** Just plant any of the Burrus family of products and you will have at your disposal the best trained and knowledgeable sales team and support staff in the seed industry. Give them a call anytime with your questions.

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## Avicta Seed Treatment Delivers

The 2009 Fall Harvest Report had a detailed article about the new corn nematocide called Avicta. In extensive testing Avicta has shown to be effective in controlling corn nematodes. Some additional plots were harvested after the Fall Harvest Report publication date. The graph shows the results after these additional plots were added. It is generally recognized that corn nematode pressure is more severe on sandy soils and corn following corn, as the results show. Contact your RSM or DSM if you are interested in any Avicta treated seed.

### compared to Cruiser Extreme Pac (CEP)



## Keep Checking

As we mentioned in a previous Burrus Buzz, monitor stored corn on a regular basis. Higher levels of kernel rot and higher than average harvest moistures can make proper grain storage management more challenging. Storage problems may start during February and March as outside air temperatures increase. Check stored grain at least every two weeks and record grain temperatures a few feet below the grain surface. If temperatures start to increase, aeration is warranted. If a hot spot starts, the grain needs to be removed soon.

## 2009 Third-Party Plot Highlights:

### Corn:

- PowerPlus 7D51 #1 of 60 entries (Frito Lay Co. testing)
- PowerPlus 7D51 #2 of 123 entries (University of Illinois western region)
- PowerPlus 7D51 #5 of 37 entries (University of Illinois @ Monmouth corn/corn)
- PowerPlus 8G23 #3 of 88 entries (University of Illinois southern region @ Elkhartville)
- PowerPlus 3C98 #8 of 39 entries (University of Illinois @ Dekalb corn/corn)

### Soybeans:

- PowerPlus 32K0 #3 of 92 entries (University of Missouri northern region)
- PowerPlus 34B9 #7 of 92 entries (University of Missouri northern region)
- PowerPlus 36C0 #15 of 168 entries (University of Illinois central region)
- PowerPlus 36C0 #7 of 168 entries (University of Illinois @ Perry, IL)
- PowerPlus 28J0 #11 of 71 entries (University of Illinois @ Dwight, IL)

