



## Replant Study on Corn – 2009

**Planted:** Various  
**Harvested:** Various  
**Soil Type:** Ragsdale Silt Loam  
**Population:** Various  
**Rows:** Six 30" rows  
**Product Tested:** BECK 5608VT3

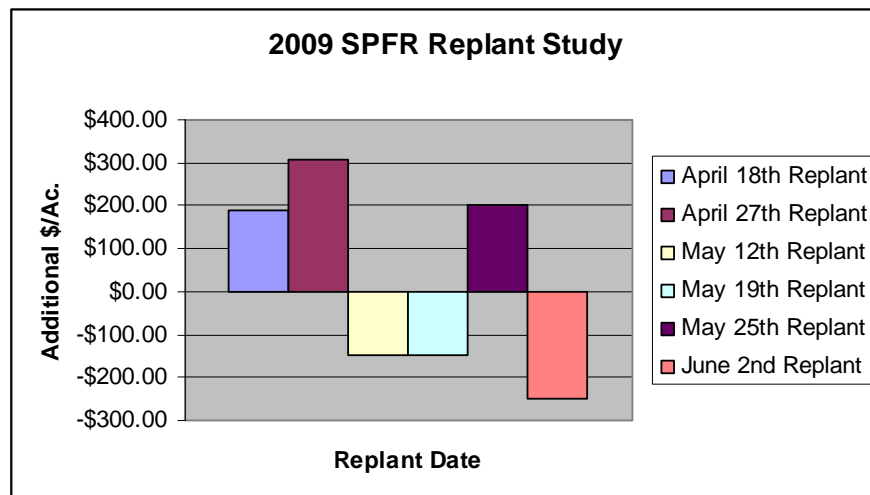
**Previous Crop:** Corn  
**Tillage:** Chisel / Field Cultivator  
**Herbicide:** Pre 1.5 qts. Harness Xtra  
 1 lb. Atrazine  
 Post: 32 oz. Cornerstone  
**Insecticide:** 6 oz. Artic

RAINFALL	
April	7.0 in.
May	5.9 in.
June	4.1 in.
July	7.2 in.
August	1.4 in.
Total	25.6 in.

**Purpose:** To replant or not to replant...that is the question. This study's purpose is to evaluate corn stands and determine whether or not it is profitable to replant. Replanting is a very tough decision for growers and this plot shows populations of corn at 22,000 seeds/A. versus 32,000 seeds/A. at various planting dates to show if replanting would have paid off given the low final populations.

Planting Date	Planting Population	Test <sup>†</sup> Weight	Percent Moisture	Bushels <sup>†</sup> Per Acre	Replant Advantage	\$ Net Return**	Additional \$/A.
April 18 (Normal 1 <sup>st</sup> planting)	32,000	58.6	17.3	187.8		\$675.99	
April 18	22,000	57.3	17.4	158.0		\$568.70	----
May 12 (Replanted)	32,000	58.0	24.5	217.7	+59.7	\$758.34	\$189.64
April 27	22,000	57.7	19.5	126.9		\$456.66	----
May 12 (Replanted)	32,000	58.5	24.0	219.7	+92.8	\$765.56	\$308.90
May 12	22,000	57.6	23.7	197.2		\$709.57	----
May 25 (Replanted)	32,000	57.6	25.7	163.2	-34.0	\$562.09	-\$147.48
May 19	22,000	56.5	22.7	185.4		\$667.13	----
May 25 (Replanted)	32,000	58.5	26.3	150.9	-34.5	\$517.79	-\$149.34
May 25	22,000	57.7	26.3	164.6		\$592.11	----
June 2 (Replanted)	32,000	56.6	24.9	227.2	+62.6	\$792.52	\$200.42
June 2	22,000	56.8	24.9	208.1		\$748.76	----
June 20 (Replanted)	32,000	56.5	33.4	146.3	-61.8	\$500.94	-\$247.82

<sup>†</sup>Bushels per acre and test weight corrected to 15% moisture. \*\* Factor in drying costs and other replant costs of \$25.00/A.



**Summary:** This year's replant study is a good reflection of challenges and extremes that many growers faced in the southern marketing area this past spring. Multiple, heavy rainfall events created many opportunities where growers had to decide whether or not to keep a thin stand of corn or replant. The thin stands that resulted from the April 27<sup>th</sup> and May 25<sup>th</sup> plantings, both of which received heavy rain within 24 hours or less, are prime examples. This created a scenario where it was more profitable to keep the thin stands that resulted from the May 12<sup>th</sup> and 19<sup>th</sup> plantings instead of replanting them on May 25<sup>th</sup>.