Planting Date Impact on Soybean Performance, Wishek

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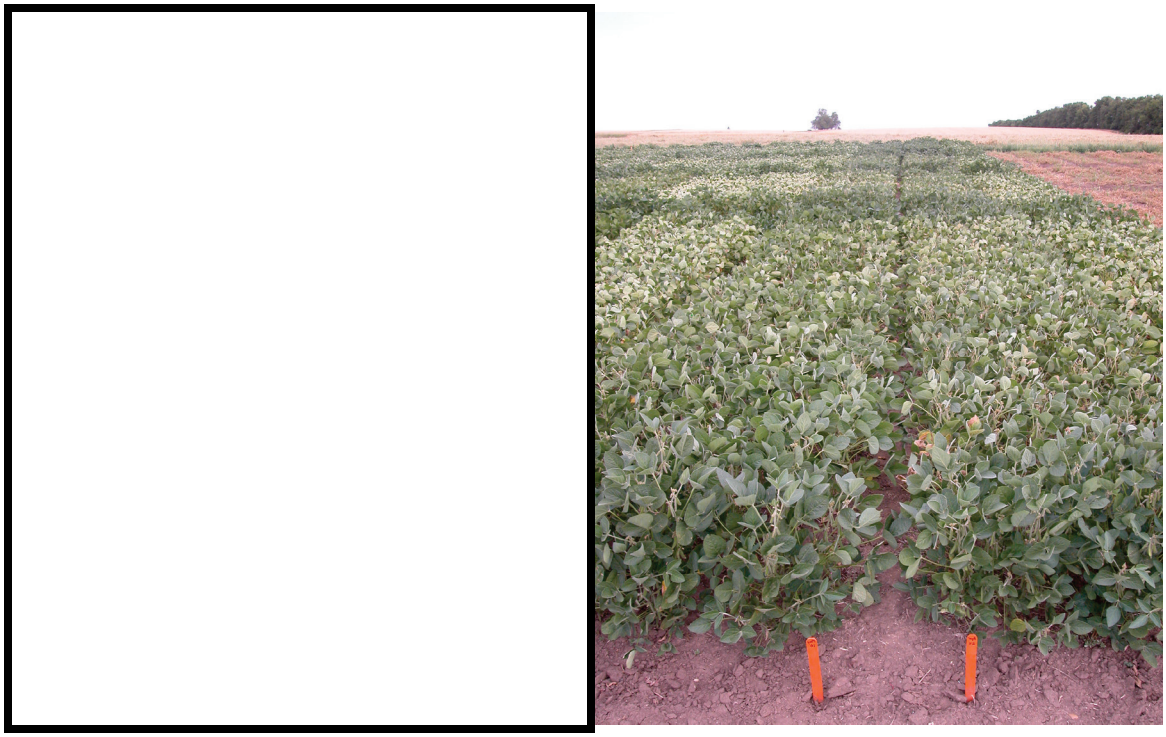
A field trial was conducted by the NDSU Carrington Research Extension Center at the Tri-county off-station trial site near Wishek to examine the performance of soybean planted at early and normal dates. Experimental design was a randomized complete block with four replications. Inoculated Dairyland Seed 'DSR0401' Roundup Ready soybean was planted in wheat stubble at 175,000 pls/A in 7-inch rows on April 24 and May 16. On April 24-25 and May 16-17, bare soil temperatures at the 4-inch depth were >50° F (NDAWN). Seed was harvested with a plot combine on September 20.

All agronomic factors were statistically similar between planting dates (Table). However, seed yield and size tended to be larger with the early planting date, while plant stand and seed protein tended to be higher with the normal planting date.

Table 1. Planting date impact on soybean performance, Wishek.

	Plant			Seed			
	Stand (June 13)	Height (Sept 20)	Pod Height	Yield	Test Weight	Number/lb	Protein
Planting Date	plt/A	cm		lb/A	lb/bu		%
24-Apr	113, 880	46	8	27.9	55.5	3605	32.5
16-May	118,155	43	8	19.5	55.2	3755	33.1
Mean	116,020	44	8	23.7	55.4	3680	32.8
C.V. (%)	5.2	7.1	21.8	33.8	1.0	7.5	1.0
LSD (0.05)				NS			



Planting date impact on soybean study, Wishek, August, 2012.