

# Planting Rates and Dates

## Variety-Date of Planting-Row Width Test

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Three varieties, AZ 107, Stoneville 506, and Deltapine 30, were planted on four different planting dates using both 30" and 40" row widths. Yields for the 30" row widths for the June 18 planting date are not given due to stand deficiencies. The yields for the various combinations of variety, planting dates and row widths are given in Table 1.

**Table 1. Yields of Three Varieties with Varying Planting Dates and Row Widths**

Planting Date	AZ 107		STONEVILLE 506		DELTAPINE 30	
	30"	40"	30"	40"	30"	40"
April 16	1811	1575	1643	1491	1515	1385
May 3	1410	1502	1421	1373	1372	1320
May 24	1537	1355	1445	1222	1220	1574
June 18	--	1199	--	956	--	762

Yields of the 30" rows generally exceeded those of 40" rows, an exception being the May 24 planting of Deltapine 30. This could well be due to erratic stands in the 30" rows of that variety. AZ 107 was clearly the best yielding on the June 18 planting date.

A comparison of planting dates for the three varieties is expressed on a percentage basis in Table 2.

**Table 2. Yield by Planting Dates**

	4/16	5/3	5/24	6/18
AZ 107	100%	86.0%	85.4%	76.1%
Stoneville 506	100%	89.2%	85.1%	64.1%
Deltapine 30	100%	92.8%	96.3%	55.0%
Mean		89.3%	88.7%	65.1%

Sequential hand harvesting indicated a slightly earlier crop on the 30" rows for the April 16 planting but not for the May 3 and May 24 plantings.