

PIMA S-5 RATE AND DATE OF PLANTING TEST  
Apex Farms, Art Pacheco, Mgr., Marana 1975  
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<u>Date and Rate</u>	<u>Seed Cotton</u>		
	<u>Per Plot</u> (Pounds)	<u>Lint/Plot</u> (Pounds)	<u>Lint/Acre</u> (Pounds)
Early Date - Low Rate	725	242	636
Late Date - High Rate	688	228	600
Late Date - Low Rate	655	216	568
Early Date - High Rate	627	210	552

Planting Dates:  
Early Date - 4/14/75  
Late Date - 4/29/75

Seeding Rates:  
Low Rate - 11 lbs./Acre  
High Rate - 20 lbs./Acre

Harvested:  
1st Pick - 11/13/75  
2nd Pick - 12/10/75

A randomized, block design test with four replications--two planting dates approximately two week apart were compared along with two rates of seeding. This program has been carried out for four years with similar results although planting dates in 1975 were somewhat later than in previous years.

The results of this program tend to disprove the notion, within limits, that the earlier the planting the higher the yield. Planting dates as late as mid-April have not been significantly different from earlier planting dates.

When planting date is after mid-April higher yields are accomplished by increasing seeding rate.

Pima S-5 Rate and Date of Planting Trial

Number of flowers per plot that bloomed each week during the growing season

Rate & date	July 14-20	July 21-27	July 28 - Aug. 3	Aug. 4-10	Aug. 11-17	Aug. 18-24	Aug. 25-31	Sept. 1-7	Sept. 8-14	Sept. 15-21	Total
Early date, high rate	7	2	8	21	39	53	40	55	34	23	282
Early date, low rate	13	6	12	22	57	62	40	51	25	16	304
Late date, high rate	0	14	15	20	43	63	42	68	47	41	353
Late date, low rate	0	7	10	18	51	61	52	58	37	31	325

Percent blooms per plot that developed into bolls

Early date, high rate	57	14	81	70	44	33	38	36	15	-
Early date, low rate	56	-	-	55	32	38	34	41	1	6
Late date, high rate	-	4	25	40	41	37	30	29	12	1
Late date, low rate	-	18	53	83	41	39	42	33	9	