

PIMA COTTON HILL-DROP PLANTING TEST

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Six planting treatments were used with Pima S-4 to compare hill-drop with normal planting. Treatments were hill dropped every 9 inches with 1, 2 and 3 plants per hill and normal planting, which was unthinned, thinned to 4.5 inch spacing, and to 9-inch spacing. No significant difference was found among the six treatments for either pick or total lint yields (Table 1).

Table 1. Comparison of hill drop and normal planting on Pima cotton

Treatment	Lbs. of lint/A.		Total
	First pick 11-6-69	Second pick 12-8-69	
Hill drop (9") - 3 plants/hill	582	124	706
Hill drop (9") - 2 plants/hill	593	150	743
Hill drop (9") - 1 plant/hill	628	112	741
Normal plant - unthinned	633	124	757
Normal plant - 4.5" spacing	602	118	720
Normal plant - 9.0" spacing	646	126	777
Mean	614	126	741
C.V.	21%	25%	17%