

EVALUATION OF TWO COMMERCIAL SUGARBEET VARIETIES

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Two commercial varieties of sugar beets were planted in the Salt River Valley area for the 1977 harvest. Spreckels is continuously trying to improve qualities such as sugar yield and tonnage while decreasing undesirable characteristics such as bolting. The variety H73445 was compared to the standard commercial variety common to Arizona sugar beet growers, USH9B1.

1. Test 75-501 Chandler
2. Test 75-502 Chandler
3. Test 75-506 Coolidge
4. University of Arizona - Mesa Station

		T/A SUGAR	T/A BEETS	% SUGAR	STAND*	BREI NO ₃ N	PURITY	% BOLTING	EMERG.
1.	USH9B1	3.81	26.6	14.3	68	1.3	92.2	12.6	2.4
	H73445	3.93	27.4	14.3	64	1.3	90.9	0.8	2.3
2.	USH9B1	3.75	27.0	13.9	67	1.3	92.2	13.5	2.9
	H73445	3.90	28.3	13.8	66	1.6	92.3	1.4	2.4
3.	USH9B1	2.82	20.6	13.7	-	1.8	91.5	-	-
	H73445	2.74	19.2	14.6	-	1.6	91.5	-	-
4.	USH9B1	4.85	34.3	14.03	-	-	-	30	-
	H73445	5.32	35.2	15.15	-	-	-	0	-

* Stand: Number of plants per 60' row.