Cucumber Variety Trial
Safford Agricultural Center 1985

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Summary

Slicing cucumbers were studied as an alternative crop for farmers in the Safford valley. Four varieties were tested, with the top variety yielding more than 676 cwt per acre. More work needs to be done to determine the quality and value of the crop, but generally it appears that slicing cucumbers could be produced in the area.

Methods and Materials

A very fine seed bed was prepared in a Pima sandy clay loam. Boligrow (an aluminum sulfate compound from Boliden Corp., Sweden) was applied at 1000 lbs/ac over the furrow as a soil amendment, 100 lbs/ac of urea was applied for fertilizer. Seed was planted on 8 May 1985 in the center of three 40 inch beds with a Planet Jr. hand planter. The plants were watered up and irrigated lightly 13 additional times. The fruit was harvested by hand, approximately weekly in July and September and two times per week in August. Yields of all fruits from 10 feet of row (2 reps) were used in calculating yield per acre.

Results

Table 1. Cumulative Total Yields of Cucumber Varieties by Month

	YIELDS CWT/AC			
VARIETY	JULY	AUGUST	SEPTEMBER	TOTAL
Slicemor	221	320	135	676
Dasher	216	306	105	627
Sprint	170	325	108	603
Raider	185	286	108	579

There were no statistically significant differences between yields in this test.