TITLE:

Evaluation of Peanut Market-Types at AG-CARES, Lamesa, TX, 2003

AUTHORS:

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METHODS AND PROCEDURES:

Planting:	April 28, 2003
Experimental Design:	Randomized complete block with 4 replications
Plot Size:	4, 40-inch rows by 50 feet
Seeding Rate:	6 seed per foot
Market-Types:	Spanish – TAMSPAN 90 and OLin
	Runner – FlavorRunner 458 and TAMRUN OL02
	Virginia – NC7 and VC2
Date Dug:	Spanish – 9/23/03
	Runner – 10/16/03
	Virginia – 10/1/03
Date Harvested:	Spanish – 10/14/03
	Runner – 10/24/03
	Virginia – 10/14/03

RESULTS AND DISCUSSION:

Research was established to evaluate the yield and grade of the three major market-types of peanuts grown in a side-by-side comparison in West Texas. The study also compared a new and old cultivar for each of the three market-types. There were no differences in yield between cultivars within each of the three market-types (Table 1). There was no difference in grades between cultivars within the Runner and Virginia market-types. Within the Spanish market-type, OLin had a higher grade than TAMSPAN 90. Data was combined over cultivars in Table 2. Runner market-types had a higher yield and grade than either Spanish or Virginia. Virginia market-types had a higher yield and similar grade than Spanish.

Table 1. Peanut yield and grade as affected by market-type and variety, AGCARES, Lamesa, TX, 2003.

Market-Type	Cultivar	Yield	Grade
		——— (lb/A) ———	——— (%) ———
Spanish	TAMSPAN 90	1610	59
	OLin	1460	63
Runner	FlavorRunner 458	4580	67
	TAMRUN OL02	4300	66
Virginia	NC7	3030	61
	VC2	3350	59
LSD (10%)[a]		690	3
C.V.		18	4

[a]LSD = least significant difference; C.V. = coefficient of variation

Table 2. Peanut yield and grade as affected by market-type and combined over variety, AGCARES, Lamesa, TX, 2003.

Market-Type	Yield	Grade
	——— (lb/A) ———	——— (%) ———
Spanish	1540	60
Runner	4440	67
Virginia	3190	61
LSD (10%)[a]	490	2

[a]LSD = least significant difference