

TAYLOR RANCH - SAN LUIS OBISPO COUNTY

PHOSPHORUS SOURCE AND RATE EXPERIMENT

fertilized Dec 11, 1967

Harvested - April 24, 1968

Treatments	I	II	III	IV	Sum	Av Yields	
						Lbs/Ac	%
2000 Super	2745	1321	2087	1144	7297	1824	131
1000 CSPA	2018	1707	2315	1747	7787	1977	142
1000 Super	1920	2367	2002	1840	8129	2032	145
500 CSPA	1301	2086	1767	1633	6787	1697	122
370 TSP	1341	1974	1951	1811	7077	1769	127
500 Super	1571	2001	1304	1491	6367	1592	114
250 CSPA	1323	2347	1621	1496	6787	1697	122
Check	1430	2117	993	1056	5596	1399	100

Sum	13649	15920	14040	12218	55827	+592	+42
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Total	102,786,233						
Corr	97,395,435		5,390,798	31			
Reps	98,267,840		872,405	3			
Treats	98,507,197		1,111,762	7	158,823	ns	
			3,406,631	21	162,220		

Check vs P

$\frac{(5596)^2}{4}$ no P 7,828,804

$\frac{(50,231)^2}{28}$ + P 90,112,620
97,941,424

545,989 1 545,989 3.36
need 4.32

Not quite significant effect of P vs. no P.