

TABLE XII.—EFFECT OF DIFFERENT SEED TREATMENTS ON THE YIELD OF POTATOES AT HASTINGS, FLORIDA, IN 1927.

Treatments*	Calculated Yields** Barrels per Acre			Increase by Treating								
	Primes	Seconds	Market- able	Barrels			Percent			Calculated Odds		
				Primes	Seconds	Market- able	Primes	Seconds	Market- able	Primes	Seconds	Market- able
Diseased—untreated.....	55.5	15.9	71.4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dipdust, 1-20 dip.....	68.7	15.6	84.3	13.2	-0.3	12.9	23.8	-1.9	18.0	109.0:1	1.4:1	44.9:1
Diseased—untreated.....	64.2	16.4	80.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dipdust, 181, 1-40 dip.....	70.8	14.0	84.8	6.6	-2.4	4.2	10.3	-14.6	5.2	98.0:1	34.0:1	58.5:1
Diseased—untreated.....	62.1	18.8	80.9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Semesan Bel. 1-10 dip.....	72.1	13.8	85.9	10.0	-5.0	5.0	16.1	-26.6	6.2	138.0:1	302.0:1	10.2:1

*All of the tubers for the different lots were taken directly from the bags, and none showed more than a trace of rhizoctonia sclerotia; all lots were treated after cutting except where corrosive sublimate was the treatment used.

**Each yield represents the average of 6 replications.