

TABLE XIII.—EFFECT OF DIFFERENT SEED TREATMENTS ON THE YIELD OF POTATOES IN THE HASTINGS, FLORIDA, POTATO SECTION IN 1928.

Plot No.	Date of Planting	Treatments	No. of Replications	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
1	Dec.15	Bayer sp. No. 181, 1-40, dip	10	36.7	9.2	45.9	....	....	....	....	....	....	....	....	....
		Diseased—untreated.....	10	40.3	11.3	51.6	-3.6	-2.1	-5.7	-8.9	-18.6	-11.01	6.67:1	61.1:1	22.5:1
		Dipdust, 1-20, dip	10	35.5	9.9	45.4	....	....	....	....	....	....	....	....	....
		Diseased—untreated.....	10	41.7	11.1	52.8	-6.2	-1.2	-7.4	-14.9	-10.8	-14.0	11:1	4:1	18:1
2	Jan. 8	Semesan Bel. 1-20, dip	7	63.9	17.7	81.6	....	....	....	....	....	....	....	....	....
		Diseased—untreated.....	7	65.4	15.2	80.6	-1.5	2.5	1.0	-2.3	16.5	1.2	2:1	23:1	1:1
		Dipdust, 1-20, dip	7	72.0	16.4	88.4	....	....	....	....	....	....	....	....	....
		Diseased—untreated.....	7	72.0	22.7	94.7	0.0	-6.3	-6.3	0.0	27.7	-6.7	0	104:1	32:1
		Samenkraft, soak	7	71.0	17.4	88.4	....	....	....	....	....	....	....	....	....
		Diseased—untreated.....	7	70.1	18.0	88.1	0.9	-0.6	0.3	1.3	-3.3	0.34	23:1	3:1	4:1
		Corrosive sublimate.....	7	74.3	17.8	92.1	....	....	....	....	....	....	....	....
		Diseased—untreated.....	7	71.3	17.1	88.4	3.0	0.7	3.7	4.2	4.1	4.2	3:1	1:1	4:1
3	Jan. 22	Semesan Bel. 1-20, dip	8	95.3	13.1	108.4	....	....	....	....	....	....	....	....	....
		Diseased—untreated.....	8	92.5	12.8	105.3	2.8	0.3	3.1	3.0	2.3	2.9	2:1	0	0
		Dipdust, 1-20, dip	8	94.2	13.3	107.5	....	....	....	....	....	....	....	....	....
		Diseased—untreated.....	8	92.5	12.8	105.3	1.7	0.5	2.2	1.8	3.9	2.1	0	0	1:1
		Samenkraft, soak	8	91.0	15.5	106.5	....	....	....	....	....	....	....	....	....
		Diseased—untreated.....	8	92.5	12.8	105.3	-1.5	2.7	1.2	-1.6	21.1	1.1	0	9,999:1	0