

TABLE VIII.—EFFECT OF DIFFERENT SEED TREATMENTS ON THE YIELD OF POTATOES IN A BADLY FROZEN PLOT AT FEDERAL POINT, FLORIDA, IN 1927.

Treatments	No. of Replications	Tubers When Treated	Calculated Pounds per 50 Hills		Increase by Treating					
			Primes	Seconds	Pounds		Percent		Calculated Odds	
					Primes	Seconds	Primes	Seconds	Primes	Seconds
*Diseased—untreated.....	6	Whole	22.2	8.78	....	....	....	....	....	....
Corrosive sublimate.....	6		-1.9	-1.81	-8.6	-20.6	5.36:1	10.2:1		
Diseased—untreated.....	6	Cut	22.2	8.78	....	....	....	....	....	....
Semesan Bel. 1:10 dip.....	6		-5.5	-2.90	-24.8	-33.0	18.9:1	199:1		

*The untreated lots were taken directly from the bag without sorting and on about half of the tubers could be found a small number of small sclerotia.

TABLE IX.—EFFECT OF DIFFERENT SEED TREATMENTS ON THE NUMBER OF POTATOES PRODUCED IN A BADLY FROZEN PLOT AT FEDERAL POINT, FLORIDA, IN 1927.

Treatments	No. of Replications	Tubers When Treated	Calculated No. of Tubers per 50 Hills		Increase by Treating					
			Primes	Seconds	Tubers		Percent		Calculated Odds	
					Primes	Seconds	Primes	Seconds	Primes	Seconds
Diseased—untreated.....	6	Whole	115.6	105.6	....	....	....	....	....	....
Corrosive sublimate.....	6		-6.8	-26.9	-5.9	-25.5	3.24:1	38.7:1		
Diseased—untreated.....	6	Cut	115.6	105.6	....	....	....	....	....	....
Semesan Bel. 1-10 dip.....	6		-30.1	-38.8	-26.0	-36.8	29.1:1	1,666:1		