

Table 3. Seed dipped Ten Minutes.

Temperature of Dip.	Percentage Germination.				Plants.			Heads.			Sound Heads harvested per 100 Seeds sown.
	Laboratory.	Field.			Total.	Smutted.	Percentage Smutted.	Total.	Smutted.	Percentage smutted.	
		First Count.	Mature Plants.	Gain or Loss over Adjacent Controls.							
(a.) Presoaked Five to Six Hours at 63°.											
Control	98.5	35.0	30.5	..	61	11	18.0	326	35	10.8	145
121° ..	98.0	33.2	26.0	-4.2	104	2	1.9	488	4	0.8	121
Control	98.5	34.0	30.0	..	60	17	28.3	252	55	21.8	98
123° ..	97.7	32.5	29.2	-3.3	117	0	0	516	0	0	129
Control	98.5	45.5	35.0	..	70	19	27.1	318	69	21.7	124
125° ..	95.7	35.2	30.0	-7.2	120	0	0	638	0	0	159
Control	98.5	44.0	39.5	..	79	23	29.1	384	90	23.5	147
127° ..	94.3	41.5	35.5	-5.0	142	0	0	654	0	0	163
Control	98.5	43.0	41.5	..	83	18	21.7	392	69	17.6	161
129° ..	93.7	35.2	33.2	-12.0	133	0	0	573	0	0	143
Control	98.5	52.0	49.0	..	98	26	26.6	424	86	20.3	169
131° ..	87.7	42.0	37.5	-5.5	150	0	0	637	0	0	159
Control	98.5	42.0	37.0	..	74	18	24.3	351	66	18.8	142
(b.) Presoaked Five to Six Hours at 84°.											
Control	98.5	41.5	37.5	..	75	17	22.7	422	85	20.2	168
119° ..	98.0	40.0	35.0	-5.7	140	5	3.6	801	15	1.9	196
Control	98.5	47.5	44.0	..	88	25	28.5	463	126	27.2	168
121° ..	96.7	57.0	53.5	+1.3	214	1	0.5	1,038	1	0.1	259
Control	98.5	65.5	60.5	..	121	31	25.6	567	136	24.0	215
123° ..	96.0	62.7	57.7	0	231	0	0	1,098	0	0	274
Control	98.5	58.0	55.0	..	110	25	22.8	555	106	19.1	224
125° ..	98.3	49.5	44.2	-6.5	177	0	0	845	0	0	211
Control	98.5	49.5	46.5	..	93	24	25.8	487	117	24.0	185
127° ..	97.0	48.5	43.7	-7.5	175	0	0	848	0	0	212
Control	98.5	58.0	56.0	..	112	34	30.4	567	151	26.6	208
129° ..	94.3	41.0	37.2	-16.3	149	0	0	781	0	0	195
Control	98.5	55.5	51.0	..	102	27	26.5	571	129	22.5	221
131° ..	74.3	26.0	24.7	-24.5	99	0	0	550	0	0	137
Control	98.5	55.5	47.5	..	95	16	16.9	469	77	16.4	196