

Table 2. Seed dipped Five 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	38.0	38.0	..	76	18	23.7	469	97	20.6	186
121° ..	96.3	36.5	34.2	-0.3	137	26	19.1	760	106	13.9	163
Control	98.5	31.5	31.0	..	62	19	30.7	393	103	26.3	145
123° ..	97.3	39.7	35.0	-3.7	140	15	10.7	859	54	6.3	201
Control	98.5	50.5	46.5	..	93	27	29.0	540	160	29.7	190
125° ..	97.3	46.5	40.2	-2.5	161	6	3.7	980	13	1.4	242
Control	98.5	40.5	39.0	..	78	18	23.1	419	82	19.6	168
127° ..	97.0	34.0	30.2	-8.8	121	0	0	694	0	0	173
Control	98.5	41.5	39.0	..	78	23	29.5	429	114	26.5	157
129° ..	93.3	41.0	37.7	-3.9	151	0	0	881	0	0	220
Control	98.5	47.5	44.2	..	89	22	24.7	476	124	26.0	176
131° ..	92.3	39.7	37.0	-8.3	148	0	0	702	0	0	175
Control	98.5	50.0	46.5	..	93	19	20.5	406	75	18.5	165
133° ..	85.3	44.2	42.2	-10.3	169	0	0	686	0	0	171
Control	98.5	64.5	58.5	..	117	30	25.6	532	125	23.5	203
135° ..	50.7	10.2	10.7	-33.8	43	1	2.3	213	3	1.4	52
Control	98.5	35.0	30.5	..	61	11	18.0	326	35	10.8	145
(b.) Presoaked Five to Six Hours at 84°.											
Control	98.5	41.0	40.0	..	80	14	17.5	436	56	12.8	190
121° ..	96.3	41.0	38.5	+0.3	154	20	13.0	851	84	9.9	192
Control	98.5	39.5	36.5	..	73	17	23.3	424	87	20.5	168
123° ..	95.7	43.2	40.0	+4.3	160	5	3.1	869	13	1.5	214
Control	98.5	39.0	35.0	..	70	18	25.7	397	83	20.8	157
125° ..	98.0	33.0	30.5	-3.0	122	0	0	737	0	0	184
Control	98.5	36.0	32.0	..	64	12	18.8	366	47	12.9	159
127° ..	98.3	44.2	40.7	-7.0	163	0	0	800	0	0	200
Control	98.5	66.0	63.5	..	127	25	19.7	646	107	16.3	269
129° ..	95.3	49.2	43.5	-13.0	174	0	0	889	0	0	222
Control	98.5	56.5	49.5	..	99	22	22.2	548	117	21.4	215
131° ..	95.0	47.7	42.2	-10.3	169	0	0	778	0	0	194
Control	98.5	56.0	55.5	..	111	26	23.4	543	104	19.2	219
133° ..	87.7	31.2	29.0	-19.5	116	0	0	601	0	0	150
Control	98.5	43.0	41.5	..	83	25	30.1	403	109	27.2	147
135° ..	68.0	11.2	10.7	-28.8	43	0	0	267	0	0	67
Control	98.5	41.5	37.5	..	75	17	22.7	422	85	20.2	168