

RS  
M-1, F.  
B.S.E.R.  
1936  
Ponderosa  
Jeffrey Pine

MORTALITY TO SEEDLINGS BY GERMINATION PERIODS

BUGGESS SPRING EXPERIMENTAL RANGE-1936

CAUSE OF MORTALITY:

EXAM. No.	DROUGHT				INSECTS				FROST				UNKNOWN				RODENTS														
	1	2	3	4	TOTAL	PERCENT	1	2	3	4	TOTAL	PERCENT	1	2	3	4	TOTAL	PERCENT	1	2	3	4	TOTAL	PERCENT							
MAY 27	1	-	-	-	-	-	1	458	-	-	-	-	1	41	-	-	-	-	1	19	-	-	-	19	0.45						
JUNE 18	2	-	-	-	-	-	2	205	33	-	-	-	2	431	-	-	-	-	2	23	1	-	-	24	0.56						
JULY 9	3	38	22	44	64	18.95	3	131	92	13	-	-	3	90	72	-	-	3	8	7	-	-	15	0.44							
JULY 23	4	45	32	75	87	31.87	4	44	37	10	-	-	4	28	17	11	-	-	4	10	3	-	-	13	0.56						
AUG. 5	5	23	8	6	27	10.36	5	17	9	1	-	-	5	14	5	-	-	-	5	9	10	4	-	23	1.63						
AUG. 19	6	13	9	8	14	5.13	6	8	1	-	-	-	6	3	3	3	-	-	6	2	2	1	-	5	0.51						
SEPT. 3	7	6	7	9	12	4.53	7	24	8	1	-	-	7	-	2	-	1	-	7	3	-	-	-	3	0.40						
SEPT. 17	8	3	2	7	2	0.75	8	4	1	-	-	-	8	2	-	-	-	-	8	2	-	-	-	2	0.33						
OCT. 1	9	2	1	6	3	1.13	9	-	-	-	-	-	9	1	-	-	-	-	9	-	-	-	-	-	-						
No. v. 8	10	48	13	4	1	0.26	10	2	-	-	-	-	10	1	-	1	-	-	10	2	-	-	-	2	0.39						
TOTAL	138	161	181	26	2199		TOTAL	893	181	24	1	1099	TOTAL	885	66	2	-	952		TOTAL	611	99	15	1	726	TOTAL	78	23	5	-	106
Percent of total	62.8	0.27	79.8	2.3	1.18	100.0		81.26	16.47	2.18	0.09	100.00		92.96	6.93	0.11	-	100.0		84.16	13.64	2.07	0.13	100.0		73.59	27.0	4.71	-	100.0	

LIVESTOCK

HEAT

MISCELLANEOUS

TOTAL MORTALITY

LIVE SEEDLINGS BY PERIODS

EXAM. No.	LIVESTOCK				HEAT				MISCELLANEOUS				TOTAL MORTALITY				LIVE SEEDLINGS BY PERIODS													
	1	2	3	4	TOTAL	PERCENT	1	2	3	4	TOTAL	PERCENT	1	2	3	4	TOTAL	PERCENT	1	2	3	4	TOTAL	PERCENT						
1	-	-	-	-	-	-	1	-	-	-	-	-	1	1121	-	-	-	-	1	4251	-	-	-	4251						
2	-	-	-	-	-	-	2	2	-	-	-	-	2	950	100	-	-	-	2	3130	1092	-	-	4222						
3	14	6	-	-	20	0.58	3	5	10	1	-	-	3	639	415	58	-	-	3	2180	992	247	-	3419						
4	14	6	-	-	20	0.85	4	1	-	1	-	-	4	551	274	97	8	-	4	1541	577	189	37	2344						
5	2	3	-	-	5	0.35	5	-	-	-	-	-	5	281	115	33	5	-	5	990	303	92	29	1414						
6	7	-	-	1	8	0.82	6	-	-	-	-	-	6	160	44	18	9	-	6	709	189	59	23	980						
7	1	-	-	-	1	0.13	7	-	-	-	-	-	7	96	29	12	3	-	7	549	144	41	15	749						
8	1	-	-	-	1	0.16	8	-	-	-	-	-	8	42	18	2	2	-	8	453	115	29	12	609						
9	-	-	-	-	-	-	9	-	-	-	-	-	9	23	6	3	2	-	9	411	97	27	10	545						
10	-	-	-	-	-	-	10	-	-	-	-	-	10	55	13	6	1	-	10	388	91	24	8	511						
TOTAL	39	15	-	1	55		TOTAL	8	10	2	-	20	TOTAL	3918	1014	229	30	5191		TOTAL	233	78	18	7	436					
Percent of total	70.91	27.27	-	1.82	100.00			40.00	50.00	10.00	-	100.0		67.65	26.47	2.4	2.94	100.0		75.48	19.53	4.41	5.8	100.0		76.38	17.89	4.13	1.60	100.00

Percentage is based on the number of living seedlings at the start of each period.