

Duplicate of N-78

Bitterbrush Germination Fruit

Experiment Jahr Sk Treatment Start 31°F Location Cold Rm
 Seed: Name _____ Source _____ Collection date _____

Viability: By excise % From this test %

Date 1978	Time of Day	Germ. time (days)	Tips		Germination			No of Days Treat.
			(No)	(%)	(No)	(Cum)	(%)	
Sample (4) (146) (102V) 44NV								
Mar 20	1:15P	0	out 31°F	In 68°F	0	0	0	(31)
	22	2:30P			1	1		
	27	8AM		In 40°F start	9	10		(End)
May 1	3PM	0	out 40°	In 68°	—	—		
	5	11AM		Into 33°	21	31		
	25	1PM	0	out 33° for 24hrs Lab 7	47	78	100	End
June 9	1PM	0	" 35°	In 35°	11	89	46	
July 19	8AM		" 35°		11	100	146	
			By excise →		2	102		(End)
Sample (5) (149) (109V) 40NV								
Mar 31	8AM	0	out 31°	In 68°	0	0	0	(41)
Apr 4	8:30A	4			10	10		
	6	8:30A		In 40° start	5	15		(End)
May 1	3PM	0	out 40°	In 68°	—	—		
	5	11AM	4	Into 33°	42	57	109	
	25	1PM	0	out 33° 24hrs in Lab 7	33	90	40	41
June 9	1PM	0	" 35°	Back 35°	15	105	149	13
July 6	12 noon	0	out 35°		4	109		
					0	109		(End)
Sample (6) (213) (139V) 74NV								
Apr 13	8AM	0	out 31°	Into 68° No tips	0	0	0	(54)
	14	11AM	1		11	11		
	17	4PM	4		45	56		
	18	11AM	5		1	57		
	20	2:30P	7		6	63		
	24	1PM	11	Into 33°F start	4	67		(End)
May 1	3PM	0	out 33°	In 68°	—	—		
	5	11AM	4	Into 33°	7	74		
	25	1PM	0	out 33° 24hrs in Lab 7	35	109		
June 9	1PM	0	" 35°	Into 35°	16	119		
July 19	8AM		out "		20	139	139	(End)

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Bitterbrush Germination

Fruit

Experiment 30br sk Treatment Start 31°F Location _____
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Viability: By excise % From this test %

Date 1978	Time of Day	Germ. time (days)	Tips		Germination			No of Days Treat.		
			(No)	(%)	(No)	(Cum)	(%)			
Sample <u>7</u> (147) (95V) 37MV <u>(89)</u>										
Apr. 27	11AM	0	out 31°	Into 68°	100%	tips	0	0	0	
28	4:30	1					9	9		
May 1	8AM	4					36	45		
2	4PM	5					12	57		
3	11AM	6					1	58		
5	2PM	8		Into 33°			0	58		<u>End</u>
25	1PM	0	out 33	24hr	lab	7	15	73		
June 9	1PM	0	" 35°	Back in	35°		15	88		95
July 6	12noon	0	out 35°				7	95		52
								95		147
								95		<u>End</u>
Sample <u>8</u> (203) (137V) 76MV <u>(84)</u>										
May 12	1PM	0	out 31	In 68°	± 60%	tips	0	0	0	Some almost through
15	8AM	3					97	97		superior
16	9AM	4					3	100		
17	9AM	5					7	107		
19	9AM	7					4	111		137
21	10AM	9					9	120		76
22	9AM	10		Into 33°F			1	121		<u>End</u> 203
June 30	9AM	0	out 35°	In 35°			16	137		
								137		<u>End</u>
Sample <u>9</u> (174) (115V) 59MV										
May 23	9AM	0	out 30.7	60%	tips		0	0	0	
24	9AM	1		superior			55	55		To 9mm Arc 3mm; out
26	9AM	3		"			47	102		To 13mm Arc 12mm; out
27	4PM	4					2	104		
June 2	9AM	10		Into 33°F			9	113		<u>End</u> 115
July 6	12noon	0	out 35°				2	115		59
								115		174
								115		<u>End</u>

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Fruit

Experiment John Sk Treatment Shot 31°F Location _____
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Viability: By excise % From this test %

Date	Time of Day	Germ. time (days)	Tips		Germination			No of Days Treat.
			(No)	(%)	(No)	(Cum)	(%)	
Sample <u>10</u> (181) (140) 41 NV								
June 2	9AM	0	out 31°F		-	-	To 25mm Ave 15mm	
4	2PM	2	superior		130	130		
5	8AM	3			4	134		
7	9AM	5			1	135		
8	8AM	6			5	140		
9	8AM	7	41 excised All NV		0	140	<u>End</u>	
						0	<u>End</u>	
						140		
					140	41		
					181			
Sample <u>11</u> (296) (218) 78 NV								
June 9	8AM	0	In strat. 1mm ave		20	20	Prob 10 more left	
16	11AM	7	" "		43	63	To 3mm Ave 1mm	
28	10AM	19	" " superior		106	169	To 5mm Ave 2mm	
July 3	9AM	24	" "		21	190	To 1mm	
7	8AM	28	" "		16	206	To 2mm	
20	8AM	41	" "		40 ⁺	215		
Aug 4	10AM		" " 40 excised 38 NV 20?		1	216		
			" " 40 not excised left			2 ← Bunker		
Aug 7	9AM		" "			218	<u>End</u>	
						216		
						80		
						296		
						40		
						38		
						78		
						218		
						296		