

Experiment Summary

Exp. Temp

Treatment:

95°F

Wet Seed

Lab 7 Cabinet

Seed - source, name

JP'73

87% viability

1974  
Treatment details

Date

March 7 7 PM  
" 8 8 AM

Seed into soak  
" out " 18hrs soak

Germination record

Date	Sample No	Treatment (@95°F) No. of days	No. of seeds		Germination <sup>1/</sup>		Germination in treatment Percent
			Total	Viable	Tips Percents	: Complete Percents	
					No	%	
Mar 11	7:30A 1	3	180	157	109	69	
" 12	7:30A 2	4	77	67	22	33	
" 13	9AM 3	5	142	124	7	6	
" 14	9AM 4	6	115	100	2	2	
" 15	9AM 5	7	101	88	1	1	
	6						
	7						

<sup>1/</sup> In 7 days @ 68°F. Germination complete when root tip through seed coats.

Finished

Lab 7 cabinet

Experiment TEMP 35°C 95°F Wet Seed  
JP '73

Date 1974	Time of Day	Germ. time (Days)	Dnt	Germination Norm	Abnor.	Gdd	Dd	DT	No. of Days
March 7	7PM								
	8:30A								
	8:30A								
Mar 8	2:30P								

Into scale Lab 7 70°F } 18 hrs scale  
out " }  
Into temp  
6 hrs - Not taken??

Sample out temp Into 40°F )

Not taken

Date	Time of Day	Germ. time (Days)	Dnt	Germination Norm	Abnor.	Gdd	Dd	DT	No. of Days
Mar 11	7:30A	3 days		180	157				
Apr 2	9:50A								
Apr 3	8AM			91	78				71
				109					71

Sample 3 days ( 180 ) ( 157 )  
Done out temp Into 40°F

(71) dead

Date	Time of Day	Germ. time (Days)	Dnt	Germination Norm	Abnor.	Gdd	Dd	DT	No. of Days
Mar 17	7:30A	4 days		77	67				
Mar 20				10					
" 21	8AM			12	5				50
				22	5				50

Sample 4 days ( 77 ) ( 67 )  
Done out. Into 40°F  
Excised

Most of (50) killed by temp. about 40 some  
germ but no growth, several deformed

End

Experiment **TEMP 35°C**

Date	Time of Day	Germ. time (Days)	DNT	Germination		Gdd	Dd	DT	No. of Days
				Norm	Abnor.				
Mar 13	9 AM	(3) 5 days Sample 0 out into 46°F	(142)	(174 calc)	15	102	184	6	7 End
15	9 "								
Mar 14	9 AM	(4) 6 days Sample 0 out Excised 75%	(115)	(100 calc)	8	1	15	56 Temp	30
15	9 AM								
18									
		4	4	1	15	86			7
Mar 15	9 AM	(5) 7 days Sample 0 out 100% excised	(101)	(88)	?	0	0	32 growth, died	No → All died. Lethal: Positive Revision → 1 (1) " " abnormal % End
20	8 AM								

Bitterbrush seed

Temp  
11'73

95°F

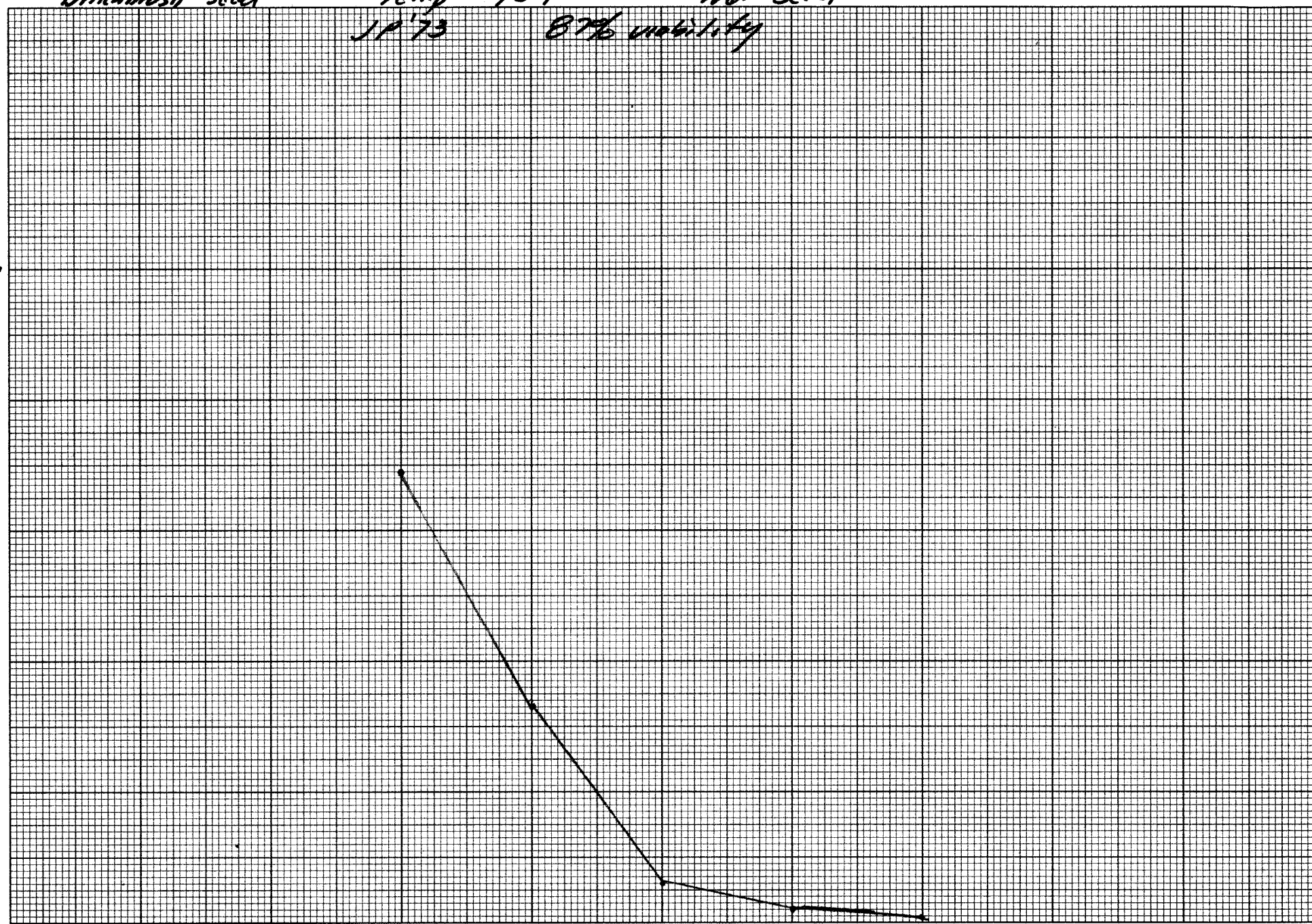
Wet seed

87% viability

100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
0

1 2 3 4 5 6 7

Days





Experiment

95°F (A-D) 1P'73 Wet Seed Cont'd

Lab 7

Date	Time of Day	Germ. time (Days)	DNT	Germination			Dd	DT	No. of Days
				Norm	Abnor.	Gdd			
1974									(295°F)
		Sample 0		(136)	(118)				
April 29	8AM	out							(13)
30	1PM	Excised							
May 2	8AM								
		End							
		Sample 0							
		Sample 0							

All dead except 7 left  
in dish. Viability of these??

$$\frac{1}{118} = 1\%$$