

Exp.

Treatment

Experiment Summary

Seed - source, name

Strat @ 30°F (Vials) seed frozen
 1P'73 (87%) viability Cold room

Treatment details

Date

1973 Dec 12 1PM Seed from Exp (14) used. These strat
 4 days @ 40°F. Into perforated
 polyethylene vials and into 28°F to
 freeze Then into 30°F

Germination record

Date

Sample

Treatment
(@30°F)

No. of seeds

Germination 1/

Germination

No

No. of days

Total Viable

 Tips : Complete
 Percents Percents

in treatment

Percent

viability No %

Dec 28	11:30	1	16	16+4	20	203	177	185	91	32	18		
Jan 11	10:30	2	34	30	34	76	66	64	84	23	35		
Febr 13	1:00P	3	34	63	67	72	63	64	89	49	78		
Apr 4	11:55	4	34	113	117	55	49	44	80	44	90	35	71

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

Experiment V

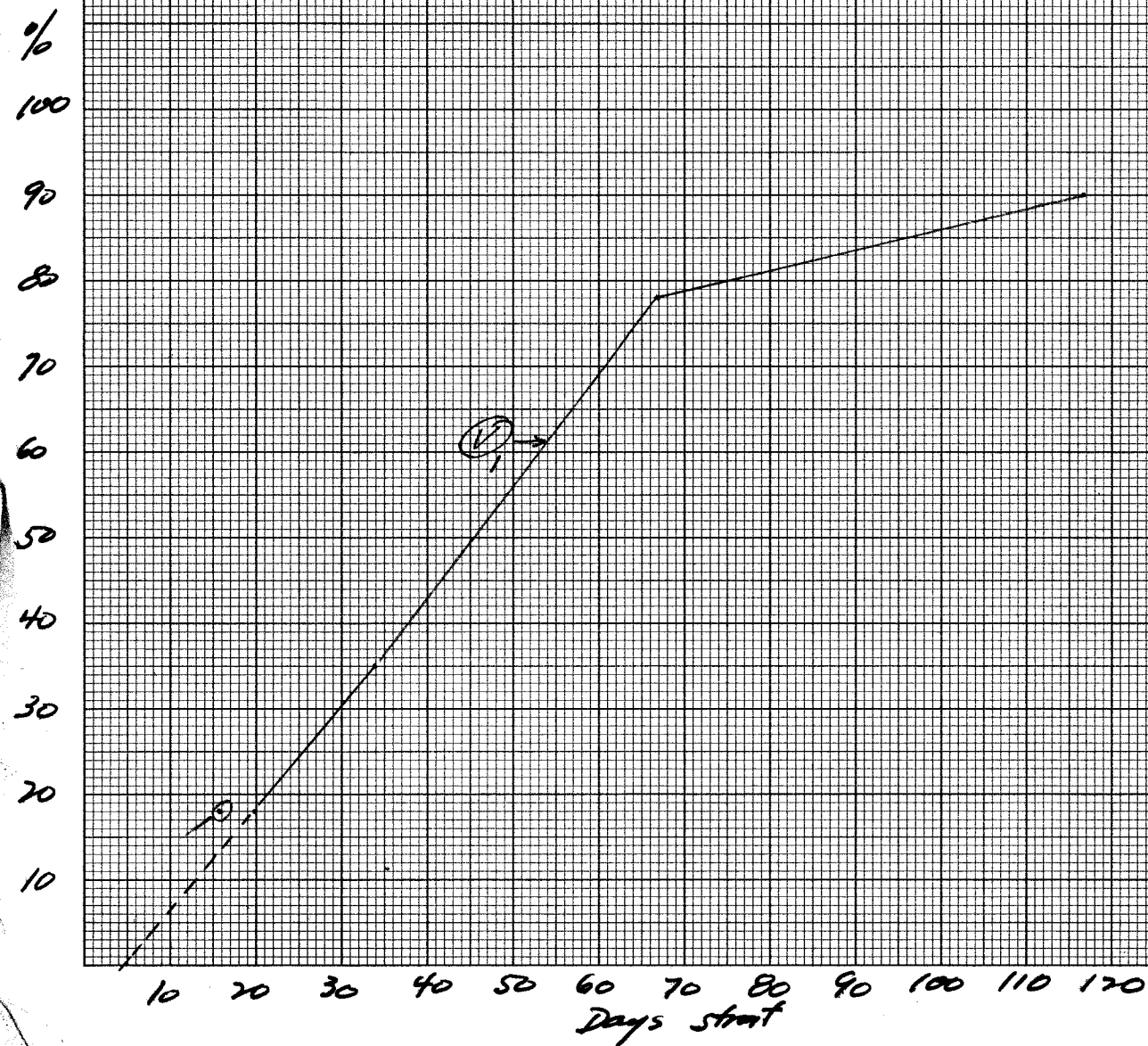
Start 78°F - Air (Vials) Anteroom reorig.
JP

→ 30°F / Seeds frozen

[illegible]

Butter brush Exp $\textcircled{V}_1, \textcircled{V}_2$ start @ 30°F Vial air = $\textcircled{V}_1$ and Vial imbedded in ice $\textcircled{V}_2$

Hormay
Apr. 16/74



Finished
30°F Frozen in ice

Experiment

(V) 2

Start 28°F - H₂O
sp

Autoclave roding

Date	Time of day	Germ. time (days)	No.	Tips Cum.	%	Germination No.	Cum.	%
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Dec 12 1 PM Seed from Exp used - start 4 days

Into perforated polyethylene vials and into H₂O in plastic cup

Sample

(1)

Dec 29 11:30 A
31 11 AM

0

out 30°F Into 68°F

3

35 35 to temp

Sample

(1)

Dec 28 11:30 A

31 11 AM

Jan 2 11 AM

3 10 AM

4 " "

0

3

5

6

7

out 30 Into 68°F germ -

5

12

17

1

5

17

18

118

to 4 mm lost

18 = 15%

118

118

End

99

Take This

Sample

(2)

Jan 14

14 9 AM

18 noon

18 noon

18 noon

18 noon

18 noon

18 noon

18 noon

18 noon

18 noon

0

3

7

0

2

4

8

out Into 68°F

Back 40°F

out start

+ 6 add glassy

+ 4 add

End

111

101 V

31 31

5 36

36

15 15

1 16

2 18

4 22

1 23

36

23

6

44

111

36 = 36%

101?

Experiment V 2 stat 30 in ice Cold room

[illegible]



Sample

6

Apr 2	1 PM
8	9 AM
12	

out 30°F Into 68°F 90 min

Art by exercise $\rightarrow$

4

6

5

2

43

46

and
ice ethr

7

43

46

End

Sample

⑦

Apr 16 8:30

0 Out 30°F ice Into 68°F garm

13	10 Apr
22	

No growth
All dead

Positive

End

Sample

0

(

1

(

No.
of
Days
Struck
in
ICE



125