

(Z)

Strat 30°F

Jars 1/2-1/4 pints Cold Rm

1973-74

Hormay

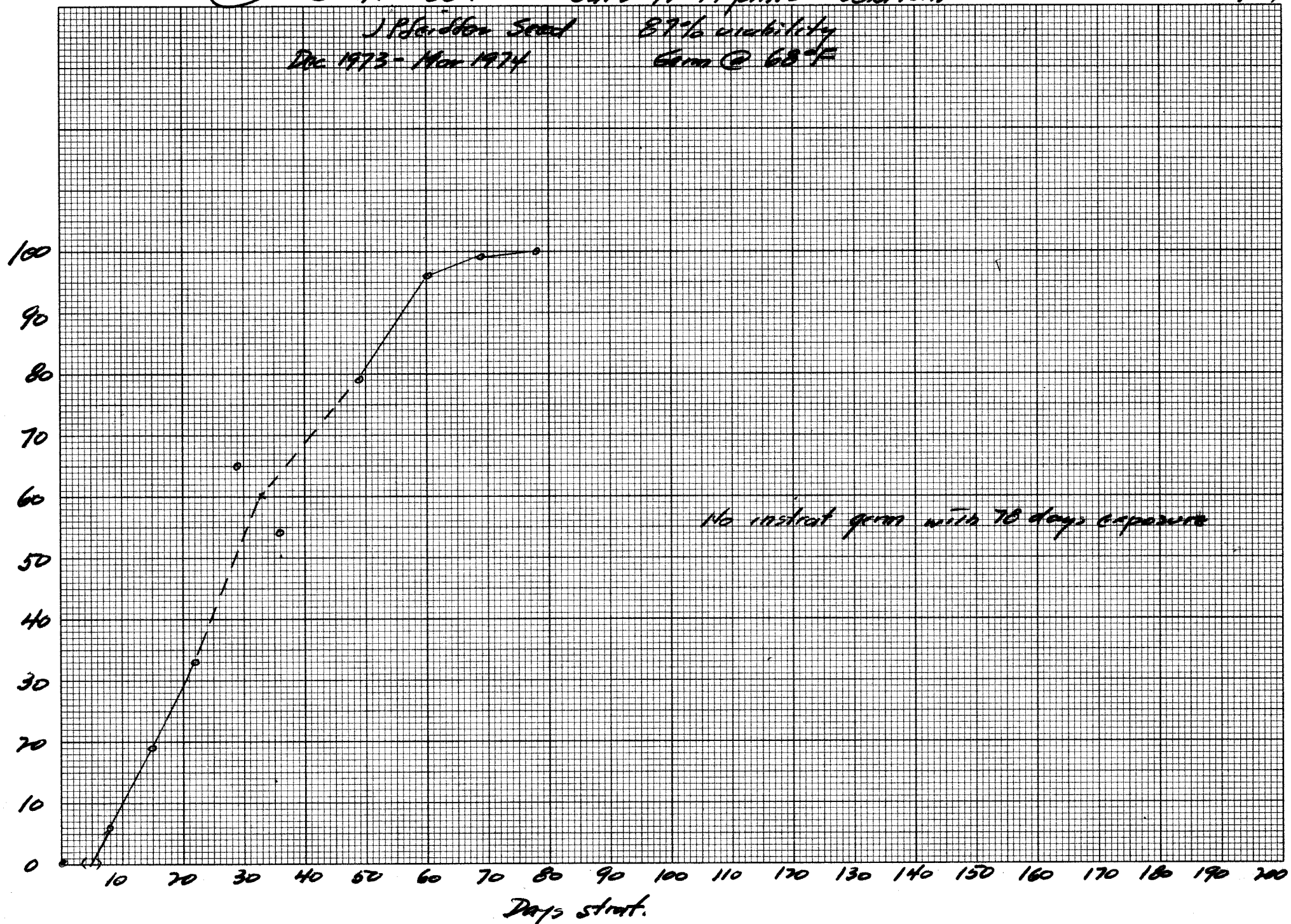
Mar. 15 1974

J. Pfeiffer Seed

87% viability

Dec 1973 - Mar 1974

Germin @ 68°F



Hormay
Mar 15, 1974

Experiment Summary

1/4 & 1/2 pints

Exp. **(2)**

Treatment:

Strat 30°F Jars Cold Room

Seed - source, name

J Pfeiffer 1973 Viability 87% Stead

Treatment details

Date 1973

Dec 13 8AM Seed in 30°F

Germination record

Date	Sample No	Treatment (Strat)	No. of seeds		Germination ^{l/}		Germination	
			Total	Viable	Tips Percents	: Complete Percents	in treatment Percent	
Dec 21	1	8	175	157	9	6	0	0
28	2	15	136	118	77	19	0	0
Jan 4 / 74	3	22	162	141	46	33	0	0
11	4	29	155	141	92	65	0	0
18	5	36	175	112	60	54	0	0
31	6	49	173	107	84	79	0	0
Febr 11	7	60	174	151	145	96	0	0
20	8	69	157	137	136	99	0	0
Mar. 1	9	78	184	165	165	100	0	0

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

(2)

Start 30°F
JP'73

Jan 11 10:30 AM 0 out. Into 68°F (92/141) % ~~135~~ (155) (1414) No Com % Pays Start
 14 92 3
 18 49 7 Very nice (75) 80 80 to 20mm out
 25 11 0 outstart " " End 12 (92) 92/141 = 65%
 Febr 12 158 0 outstart " " End 13 38 + beyond + 11 NU nat

Jan 18 noon 0 out 4 or 5 tips (5) 60/112 (73) End 60 40 40 (36) out
 21 3 4 12 52 60/112 = 54%
 22 3:30 P 4
 24 9 AM 6 Back street 5 57 112
 25 11 AM 7 outstart 3 60 + 13 NU
 Febr 12 (26) 107 137 39 39 43 52

Jan 31 9 AM 0 out 6 or 7 tips (6) (123 X 100V) 0 0 (49)
 Febr 1 9 AM 1 Many plants to green
 11 10 AM 11 (39) Into 40°F 84 84/104 = 79%
 16V 17 NU nat

Febr 11 2 PM 0 out start 20% tips (7) (174 X 145) exercise 0 0 0% (60)
 12 11 AM 1
 13 2 Most germinating (55) 12 12 left 2mm
 14 3
 15 9 AM 4 107 119 these out
 19 8 15 134 96%
 11 145 100%

End

Finished

(2)

Start 30°F Cont'd
JP '73

Start days

1974

(8) (157) (137)
~~157~~ (136V)

(69%)

Febr. 20

{ Out 30°F Start Into 68°F
80%± tips

21
22
25

76 out

5 (14)

60

3 DT 99%

13 NV out
56 Tr.

$\frac{136}{137} = 100\%$

19
136
3
158

136
13
8
7

136

8

End

(9)

Predrying sample
(Bedrite drying)

(70 days
Start)

DHT Norm Abr. Gadel D Dclan D temp

(184 X $\frac{160}{165}$) excise

~~48~~
~~37~~
~~25~~
~~1~~
78

March 1 AM

AM

{ Out Into 68°F. The remainder - 0%
of supply dried
Must have tips no germination

March 4

8 AM

(Very healthy) 165 to 27 mm out

15 165 - - - 4

165
19
184

$\frac{165}{165} = 100\%$