

Feb 9/45

Ger 377 locker  
Seed buried 3/4" deep in soil

Exp. (D) Effect soil texture on aeration

Seed strat @ 36°F starting Jan 30  
No seeds  
1 sample out Feb 9

Date	Days	50 49V		50 46V		75 37 Sand		50 44 Viable	
		Can	Petri	Can	Petri	Can	Petri	Can	Petri
Feb 9 11AM	0	—	T T	—	2 1/6 4	—	2 1/6 3	—	T T
" 10 7PM	1		30 1/8 61		36 1/4 78		52 3/16 91		31 3/16 91
" 12 9AM	3		47 1/2 96		45 3/4 98		71 3/4 99		41 1/16 93
" 13 10AM	4	49V	47 1/8 96	65V	45 1/4 98	85V	71 1/4 99	73V	41 1" 93
" 14 9AM	5	(49)	47 1/4 99	(67)	45 1/2 98	(85)	71 1/2 99	(78)	41 1" 93
" 15 11AM	6		46 94 47 96		65 100 45 98 83		98 71 97		73 100 41 93

all seeds

10 of these decayed when 2" long

roots 2" }  
hypo 1" } = 3"

2nd Sample

Date	Days	136 131V	114 105V	141 134V	184 178V
Feb 16 10AM	0	←	out of soil and sand into petri	→	PH?
" " "		roots 1/4"	roots 3/16"	roots 1/8"	roots 3/8"
" " "		108 83	74 90	37 28	140 79
Feb 18 9AM	2	130 99+	104 99+	133 99+	177 99+
		end	end	end	end

Note! Soil solution stimulates more vigorous growth than inert sand

Mar 4 3rd sample (1st and only one of fruit) roots in all soils 1/8 to 1/2" about 60% ger (all)

April 6 4th sample left in cans and ger in 377 locker  
All seed decayed

Sawdust - Pt

Lassen seed

410F

remove 1 lot every 7 days.

74 80 81

Date

Nov. 2

In

Nov 15

Out

16

0

17

0

18

0

19

0

20

0

22

0

Out

23

0

24

0

25

0

26

0

27

0

29

0

Out

30

0

Dec

1

0

"

3

0

Out

9

0

0

0

0

0

0

0

0

30 out

20

24

6

This germination in upper partly dried wet sawdust most remaining seed rotted.