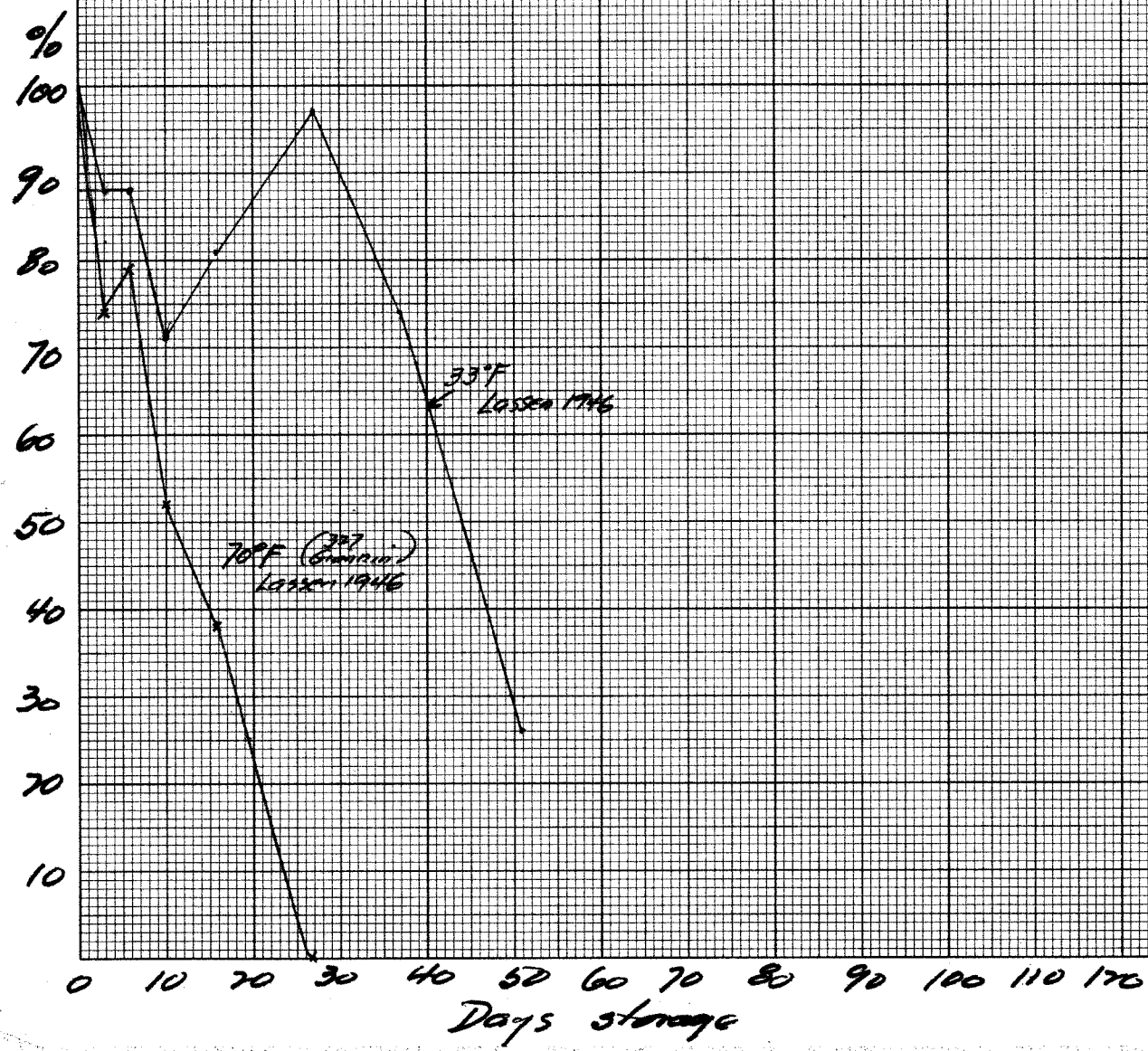


Graph H₂O (B)

Storage in non aerated water
sterilized seeds



Graph

Storage of strat seed in H₂O

@ 33°F & 70°F

June 9/69

H₂O (B)

Note! The calculations

based on straight seed counts

Not on viable basis. Seed viability prob. 70-72%

ALH

Storage in water @ 33°F and 70°F ±

72% viability

Lassen seed stratified by aeration for 55 days

Then into temperatures in H₂O April 16 1946

107

Germination

33°F

70°F

Days of storage
in water

April 19 BAM Days

1st sample

taken

(68 seeds) 49V

(80 seeds) 58V

No

%

No

%

April 19 BAM 0

15

22

19

24

" 22

3

41

60

38

48

Y3

4

41

60

38

48

84

5

41

60

42

53

78

6

43

63

88%

43

54

74%

71

2nd Sample

.87V (114) 82V

(78) 56V

April 22

0

19

17

29

37

6-

23

1

57

50

37

47

24

2

63

55

40

51

25

3

72

63

42

54

26

4

72

63

42

54

May 2

10

72

63

88%

44

56

79%

3rd Sample

1587 (63) 45V

(116) 84V

Apr 26

0

24

38

25

22

10-

29

3

24

38

44

38

May 2

5

31

49

44

38

6

8

31

49

44

38

7

9

32

51

44

38

9

11

32

51

71%

44

38

57%

4th Sample

(52) 37V

(51) 1961

May 2

0

11

21

13

25

16-

6

4

28

54

13

25

7

5

29

56

14

27

9

7

30

58

14

27

13

11

30

58

81%

14

27

38%

Storage in water @ 33°F and 70°F±

		33°F		70°F		Days storage
		Days	5 th Sample	Days	5 th Sample	
			(50) 1/36V	(50) 0% 36V		27 ✓
May	13	0	6 17	1 2	0%	
	14	1	14 28	and - seed all dead.		
	16	3	28 36			
	20	7	33 66			
	21	8	33 66			
	23	10	35 70 91%			
			6 th Sample			
		1563	(64) 46V			
May	23	0	2 3			37
	27	4	31 48			
	28	5	31 48			
	31	8	31 48			
June	3	11	32 50			
	4	12	34 53 74%			
			7 th Sample			
		9803	(102) 73V			51
June	6	0	1 1			
	10	4	18 18			
	11	5	19 19			
	13	7	19 19			
	17	11	19 19 76%			

(7) Submersion $\frac{1}{2}\%$ V. Lassen seed
 Britton
 4-19-46
 33°F Aerated Reed into distilled water 4-16-46
 stored at 327 and 33°F

Date	Days germ	33°	327	Days out of aeration
April 19 9am		1st Sample	Sample 1	(1)
		68 49	80 44V	
April 19 8am	0	15 $\frac{1}{4}\%$ 31	17 $\frac{1}{4}\%$ 29	
" 22 9am	3	41 84	38 66	
" 23 "	4	41 84	38 66	
" 24 "	5	41 84	42 73	
" 25 "	6	43 87	43 74	
26	7	end	end	
April 22		2nd Sample		(3)
		72V 11 482	78 36	
April 22 1130am	0	19 $\frac{1}{4}\%$ 23	29 $\frac{1}{4}\%$ 52	
" 23 9am	1	57 70	37 66	
" 24 8am	2	63 77	40 71	
" 25 "	3	7V 88	42 75	
" 26 "	4	72 88	42 75	
29	7	72 88	43 77	
May 2	10	72 88	44 79	
Apr 26		3rd Sample		(6)
		63 35V	94 11 6	
Apr 26	0	24 $\frac{1}{4}\%$ 53	25 $\frac{1}{4}\%$ 30	
Apr 29	3	24 63	44 52	
May 2	5	31 69	44 52	
6	8	31 69	44 52	
7	9	32 71	44 52	
9	11	32 71	44 52	
May 2, 46		4th Sample		(13)
		52 30V	51 37	
5-2-46	0	11 30	13 35	
May 6	4	28 76	13 35	
7	5	29 78	14 38	
9	7	30 81	14 38	
13	11	30 81	14 38	

(2)

Date	Days	33°	327	Days duration
May 13		5th sample		
13	0	36 50	36 50	Seed all dead (24)
14	1	6 - 17	1 3	
16	3	14 - 39	End	
20	7	28 - 78		
21	8	33 - 92		
23	10	33 - 92		
		35 - 97		
May 23		6th		
23	0	46 6 4340		(34)
27	4	2 - 4		
28	5	31 - 67		
31	8	31 - 67		
June 3	11	31 - 67		
4	12	32 - 70		
		34 - 74		
June 6	0	7th		
June 6	0	73 10 2		(48)
10	4	1 1		
11	5	18 25		
13	7	19 26		
17	11	19 26		
		19 26		
end Seed gone				