

Lab 7 @ 68°F  
Ave

'73 Growth in H<sub>2</sub>O - Not germinated (still water)  
Harper 73 seeds

1973 Seed into H<sub>2</sub>O Aug 22/73. Out Aug 27/73  
Treated 5 days

1. length of radicles mm on Aug 27  
Embryos (Unconditional Harper 73)

2		15	30
12		1	12
3		12	36
5		14	70
8		7	56
11		2	22

N 51 726 AVE 4.4 mm

4.4  
51 | 726  
204  
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720

Germinated seeds 2-5mm in length (radicle) (Silver 182)

22	20	18
22	34	21
22	20	4
7	5	8
12	25	11
13	13	6
5	7	7
5	6	8
9	27	3
30	7	
20	20	
7	13	
25	7	
15	25	

Nov 15/73

Note These data not summarized yet

N=37

Lab 7 @ 68°F  
Ave

'73 Growth in germinated H<sub>2</sub>O

Seed into H<sub>2</sub>O Aug 22/73 Out Aug 27

5 days treated

Embryos (unconditioned Harper 73)

30	THH	5	150
22	THH I	6	132
18	THH THH III	13	234
16	IIII	4	64
14	THH III	8	112
11	THH II	7	77
5	IIII	4	20
		<u>47</u>	<u>789</u>

16.79  
47 | 789 Ave 16.8  
47  
319  
~~282~~  
370  
329  
410

Germinated seeds (2-5mm) radicles Silver 122

35	30	50
50	35	35
40	30	35
35	26	40
33	30	45
25	30	42
30	50	40
40	14	15
40	42	15
35	30	20
35	22	25
40	35	35
35	16	16
35	45	
30	55	

18  
13  
734

Still water.

'73 Growth in H<sub>2</sub>O Harper '73 Previously aerated  
Water

1973

Embryos (unconditioned)

Aug 29

Into water 10 AM Aug 29 1973

Sept 6

9:00 AM Root lengths mm

22	13	22
20	11	13
23	4	6
8	15	14
15	23	10
18	19	6
11	9	11
13	10	15
10	12	2
2	14	2
15	10	4
22	9	
18	20	
20	12	

Germinated seed (Harper '73)

1 to 9 mm

~~to 3 mm Aug 29~~

Into water 9 AM.

Aug 29

Sept 6

9 AM Root lengths mm

26	11	10
20	18	8
20	13	
15	14	
14	15	
11	25	
12	12	
12	4	
22	2	
22	12	
16	9	
20	12	
23	12	
20	11	
10	11	
20	8	