

Experiment

Pp Placer

41°F strat

Date	Time of day	Germ. time (days)	Tips			Germination			No. of days strat
			No.	Cum.	%	No.	Cum.	%	

See checks #5, 3 etc. each no strat.

Rado with no strat

↓ Check #1 (40) (32V) ← Of

Jan 15		0	Into sack 68°F and then into 41°F						
Jan 21			Into 68°F germ			0	0		
Jan 25	3PM					1	1		
Feb 4	12 noon	}	2 to 5" vigorous 1/8" to 1"			12	13		out
Feb 14	10 AM					16	29		left out
" 15	8 AM					2	31		
Feb 25	11 AM					1	32		left
						0	32		(100%) End

Sample ① (68) (60V) (20)

Febr. 4	1PM	}	out 41° strat into 68° germ none split.			0	0		
" 14	10 AM			10	} vig. 10 green cats red hypocot			33	33
" 15	8 AM	11		17		50		2-10mm left	
" 16	9 AM	12		3		53		2-3mm left	
Febr 25	11 AM	21	10 left			7	60	2-4mm	
						0	60		(100%) End

Sample \_\_\_\_\_ ( ) ( )

0

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			No.	Cum.	%	No.	Cum.	%		
1972 Jan 15									0	
			Into 41°F strat						0	
			Sample <u>Check #2</u> ( 102 ) ( )						0	
Febr. 15	9AM	0	Into 68°F soak							
" "	3PM	0	Into 68°F germ							
" 16	9AM	1	0	0	0	0	0	0		
" 17	9AM	2	2 or 3 split						0	
" 18	11AM	3	about 10 split						0	
Febr 25	11AM	10	Most split.						14	
Mar 1	3PM					14	78	14	1-16mm left	
" 9	9AM					6	34	6	2-8mm left	
			(68) 34						(End)	
			Sample <u>(2)</u> ( 77 ) ( 71 ✓ )						(31)	
Febr. 15	9AM	0	Out strat into 68°F							
" 16	9AM	1	A few slight split (5 or 6)						0	
" 17	9AM	2	" " " "						0	
" 18	11AM	3	31	36		1	1		2mm left	
Febr 25		10	(8)	12mm to 3" → 41						69
Mar 1	3PM	15	(7) left	1mm to 8mm → 28						70
" 9	9AM		(6)			1	71		all out	
			(End)							
			Sample _____ ( ) ( )							
		0								

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41°F strat

Date	Time of day	Germ. time (days)	Tips			Germination			No. of days
			No.	Cum.	%	No.	Cum.	%	
									Strat
			Sample	Chode #3	( 65 )				(0)
Febr 25	11AM	0		Into sock and 65°F germ		0	0	0	
Mar 9	9AM					4	4		
" 11	10AM			Most split		4	8		
									(End)
			Sample	(3)	( 90 )				(41)
Febr 25	11AM	0		out start into 65°F 2 or 3 split		0	0		
Mar 1	3PM	5				27	27		1-9mm left
" 9	9AM	13				7	29		
" 11	10AM	15		Too wet?? Most split.		3	32		End
			Sample	0	( )				

# Pp Placer

Jan 15 1977 Into 41°F

## Check No 4 (79 X)

March 9 10AM 0 Into 68°F and H<sub>2</sub>O absorption

" 11 10AM 2 2 or 3 split

" 13 8AM 4 About 10 split

" 15 6 Most split.

" 16 7

" 17 8

" 20 11 (4)

" 21 12

" 22 13

" 31 22

0 0

0 0

5 5

5 10

2 12

6 18

20 20

22 22

No days

start

(0)

2-10 mm

All left

4 out

3 out

(End)

(60 X 60V)

Start (4)

(54)

March 9 10AM 0 Out start Into 68°F

" 10 10AM 1 15 split

" 13 8AM 4 Most remainder split.

" 15 8AM 6 (12)

" 16 8AM 7 (8)

" 17 9AM 8 (8)

" 20 9AM 11 (4)

" 30 8AM 21

0 0

4 4

32 36

12 48

4 52

0 52

4 56

1 57

start out

1-14 mm left

All out but 16 (largest)

2 out

10 out 95%

7 left

(End)

## Check No 5 (58 X)

Mar 16 9AM 0 Into 68°F not germ

" 17 9AM 1 None split

" 20 8AM 4 15% split (30% split 3/21)

" 22 8AM 6 80% split

" 23 8AM 7

" 24 10AM 8

" 25 10AM 9 (40)

0 0

0 0

0 6

3 3

3 6

6 12

6 18

1 mm left

All left

35°

40°C

(61)

Start (5) (103 X 102)

Mar 16 9AM 0 Out start into 68°F germ

" 17 9AM 1 (54)

" 20 9AM 4 Most of remaining split

" 21 8AM 5 germ transferred to 2nd dish

" 23 8AM 7 (27)

" 24 10AM 8

" 25 10AM 9 "Transferred" into 77°F good growth germ

1 1

1 2

48 50

1 51

25 76

7 83

2 85

left 1 mm

20% split

both left

2 mm

to 14 mm

out left



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41°F strat.

Date	Time of day	Germ. time (days)	Tips			Germination			No. of days
			No.	Cum.	%	No.	Cum.	%	
Sample <u>Check No 4 cont'd</u> (19)									
		0							
Mar 23	8AM	14				5	28		
24	10AM	15				3	31		
25	10AM	16				5	36		15 out
30		21				5	41		
(End)									
Sample <u>5</u> strat cont'd (103) (97) (61)									
Mar 30	8AM	14				7	92		
Apr 3	8AM	18				1	93		
8	10AM	23				0	93		
(End)									
Sample <u>6</u> strat (80) (78) (75)									
Mar 30	8AM	0				0	0		As soon split
31	9AM	1				2	2		3mm left
Apr 3	9AM	4				57	59		to 25mm
4	8AM	5				5	64		
8		9				11	75		
10	8AM	11				1	76		
(End)									

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41°F??

32°F (35°F)??

Date	Time of day	Germ. time (days)	Tips			Germination			No. of days
			No.	Cum.	%	No.	Cum.	%	
<p>Yes! → Now into <span style="float: right;">start</span></p> <p style="text-align: center;">→ 32°F from 41°F</p>									
<p>Sample <b>7</b> ( 74 ) ( 72 V ) <span style="float: right;"><b>86</b></span></p>									
April 10	8AM	0	out start.	Many split	0	0			
11	8AM	1		" bulging	0	0			
12	8AM	2			4	4			1mm All left
13	8AM	3	<b>46</b>		22	26			to 6mm All left
14	8AM	4			10	36			10mm All left
15	8AM	5			7	43			20mm " "
17	8AM	7			17	55			
21	8AM	11			1	56			
24	8AM	14			0	56			(End)
<p>Sample <b>8</b> ( 55 ) ( ) <span style="float: right;"><b>97</b></span></p>									
April 21	8AM	0		about 20% split	0	0			
22	10AM	1		" 70% split	0	0			
24	8AM	3	<b>44</b>		11	11			to 6mm All left
May 5	8AM	14		growth? Many sprouted not counted	10	21			All out
9	8AM	18		16 sprouted but died the rest (11) bulged and died.	7	28			(End)
<p style="text-align: center;"><b>Last</b></p>									
<p>Sample <b>9</b> ( 129 ) ( )</p>									
June 21	9AM	0		out 32°F into 68°F germ	3	3			to 3mm left
<p>The remainder of this seed dried 24hrs @ 68°F lab.</p>									
June 24	9AM	1			11	14			
" 23	"	2			34	48			
24	11AM	3			8	56			to 14mm left
27	"	7	<b>37</b>		36	92			to 60mm all out
29	10AM	8			2	94			
July 3	9AM	12			0	94			(End)