

Exp Strat Silver  
1&2  
30°F-73

# In stratification

59°F germ.

See attached record sheet

Strat 30°F

①

Growth @ 30°F from October 15 1973

to Febr 21 1974

germination

To start germination

No seeds cum

Length rachicle Ave mm

Lot (pile)

Oct 15  
" 29  
Nov 27  
Dec 4  
" 12 noon  
" 17 " "  
" 21 9AM  
" 26 10AM  
Jan 4 2PM  
" 22 2:30PM  
Febr 21 2:30P

①

Growth rate @ 30°F

17+16

16.5 mm  
26.0 "

End

Dec 4  
" 12 noon  
" 21  
" 26 10AM  
Jan 4 2PM  
" 22 2:30P  
Febr 21 "

②

2  
2

2 ok  
2.5  
4  
6  
8.5  
12.0  
15.0

End

Dec 10 12:30P  
" 12 noon  
" 26  
Jan 4 2PM  
" 22 2:30P  
Febr 21 "

③

6  
6

1.0  
2.0  
4  
6  
9  
12

End

Dec 14  
" 26  
Jan 4 5PM  
" 22 2:30P  
Febr 21 "

④

6

2 mm  
4  
6  
8  
12

End

66

# In-stratification

Stat 30°F (1) cont'd

Date	Time	No	Measurements
Dec 17		(5)	1.5 mm
26			2.5
Jan 4	2 PM		4.0
22	2:30 P		10.0
Febr 21	"		11.0 "

Date	Time	No	Measurements
Dec 21		(6)	1 mm
26			2
Jan 4	2 PM		3 " "
22	2:30 P		7.5
Feb 21	"		11.0 "

~~XXXX~~

Date	Time	No	Measurements
Dec 26	?	(7)	2 mm
Jan 4	2 PM		2.5 mm
22	2:30 P		5.0 mm
Febr 21	"		11.0 "

Last

Date	Time	No	Measurements
Jan 4	2 PM	(8)	no germ
22	2:30 PM		

Excised N.V. Natural

Experiment

Strat 30°F -73

Silver 1er

59°F germ

Date 1973	Time of day	Germ. time (days)	No.	Tips		Germination			No. of days
				Cum.	%	No.	Cum.	%	
									Strat
		Sample <b>(7)</b>		( 94 )	( 83% )				<b>(54)</b>
Oct 3	8AM	0	out	Several prominent tips	0	0			
4	"	1		Most "	0	0			
5	"	2			19	19			to 5mm ave 2.0
9	"	6			46	65			
14	"	8	<b>(27)</b>	These excised		67			
12	"	9		Wait for germ variable		67			
15	"					67			81%

Date	Time	Germ. time (days)	No.	Tips		Germination			No. of days
				Cum.	%	No.	Cum.	%	
		Sample <b>(8)</b>		( 66 )	( 58% )				<b>(66)</b>
Oct 15	9 AM	0		60% tips	0	0			
16	8 AM	1			6	6			1mm left
17	8 AM	2	<b>(15)</b>	2N out	45	51			to 7mm ave 3mm
18	8 AM	3			5	56			
23	8 AM	8			0	56			100%

In strat from now on

Date	Time	Germ. time (days)	No.	Tips		Germination			No. of days
				Cum.	%	No.	Cum.	%	
		Sample <b>(9)</b>		( )	( )				<b>(66)</b>
Oct 15	9 AM	0		60% tips	0	0			
16	8 AM	1			6	6			1mm left
19					0	0			<b>(70)</b>
23									<b>(74)</b>
29					0	0			
Nov 27					1	1			1mm left
30					1	2			"

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