

These seeds into greenhouse

Jan 19

Emergence - Planting depth - at 1900  
 50°F & 68°F → 77°F ✓

Experiment

Date	Time of day	Germ. time (days)	Tips			Germination			No. of days
			No.	Cum.	%	No.	Cum.	%	
1971 Jan 9	10 AM	7 start seeds	Tips planted in each container and germinated at 50°F & 77°F 1/2 - 1 3/4" depths						
			50°F Blue Container ① 1/2"			68°F → 77°F Purple Container ① 1/2"			
Jan 12	7 AM		No signs of germination in any other container 50° or 77° 1/2 to 1 3/4"			Soil cracking			
13	7:40 A		No reaction all depths			3 soil level top			
14	9 AM					6 to 30mm above soil			
15	9 AM					Now into patio			
17	10 AM					7 <sup>th</sup> showing at soil surf.			
18	1:30 P					7 6 to 40 mm			
			Sample ② 3/4"			7 10 to 40 mm			
Jan 13	7:40 A		0			Soil cracking			
14	9 AM					2 to 8mm above soil			
15	9 AM					5 to 25mm " "			
17	10 AM					Now into patio			
18	1:30 P		No germ			5 7 to 30 mm			
Feb 4	8 AM					6 1 to 35 mm			
			Sample ③ 1.0"			Sample ③ 1.0"			
Jan 13	7:40 A		0			Soil pushed up			
"	14 9 AM					2 to 10mm above soil			
"	15 9 AM					6 to 20mm " "			
17	10 AM					Now into patio			
18	1:30 P		No germ			6 10-22 mm			
↓			Seed at 68°F Jan 9 10 AM Jan 10, 10 AM (24 hrs)			6 12-75 mm			
			then into 77°F (Lab 7 rediq)						

Experiment *Emergence - Planting depth - at 50°F & 68°F*

Date	Time of day	Germ. time (days)	Tips		Germination			No. of days
			No.	Cum.	%	No.	Cum.	
		(Blue) 50°F			(77) 68°F			
		Sample	(4) 1 1/4	( )	( )	( )	( )	
Jan 14	9 AM	0						
15	9 AM							
17	10 AM							
18	1:30 P		No germ					
		Sample	(5) 1 1/2	( )	( )	( )	( )	
Jan 15	9 AM	0						
16	10 AM							
17	10 AM							
18	1:30 P		No germ					
		Sample	(6) 1 3/4	( )	( )	( )	( )	
Jan 15	9 AM	0						
16	10 AM							
17	10 AM							
18	1:30 P		No germ					

*Pinle*

1 At soil surface  
 4 to 25 mm above ss  
 Now into potting  
 4 .8 to 25 mm  
 5 1 to 27 mm

1 10 mm above ss  
 2 to 20 mm  
 3 to 30 mm  
 4 1 mm to 40 mm

1 3/4  
 No germ yet.  
 " " "  
 " " "  
 " " "

Emergence Planting Depth Finish  
Mar 2

@ 50°C

Blue

strat

Jan 9 10AM Seed into 50°C

	1/2"							3/4"						
Seedling No	1	2	3	4	5	6	7	1	2	3	4	5	6	7
Jan 21 9:30	9	6	6	3	7	-	-	3	-	-	-	-	-	-
	No leaves Into greenhouse							No lvs						
{ 28 9AM	30	25	25	13	25	16	2d	{ 23	20	5	17	25	30	32
	← Lvs showing →							Broken No lvs any →						
Febr 4 9AM	32	25	← damp	→	-	-	-	33	2d	10	37	35	35	38
	to 2 lvs 5mm							to 2 lvs 3mm						
5 10AM	About del							✓ ✓ ✓ 2d ✓						
7 10AM	← All del →							← The rest del ✓ ✓ →						
10 3PM	(End)							(End)						

	1"							1 1/4"						
Seedling No	1	2	3	4	5	6	7	1	2	3	4	5	6	7
Jan 21 9:30	No germ							No germ						
28 9:00	3	5	3	10	16	-	-	6	20	55	-	-	-	-
	← No lvs →							← No lvs →						
Febr 4 9AM	28	22	8	22	25	24	20	{ 17	30	12	4	26	10	16
	to 2 lvs 2mm							to 2 lvs 5mm						
7 10AM	35	25	8	23	25	26	25	22	32	15	10	25	15	22
	← To 2 lvs 5mm →							← To 4 lvs 8mm →						
18 3PM	← 4 plant alive →							← All alive →						
Mar 2	All dead							- - ✓ ✓ - - -						

	1 1/2"							1 3/4"						
Seedling No	1	2	3	4	5	6	7	1	2	3	4	5	6	7
Jan 21 9:30	No germ							No germ						
28 9AM	" "							" "						
Febr 4 9AM	3 6							" "						
	Cots only													
5 10AM	-	-	-	6	8	55	-							
7 10AM	-	-	-	-	10	15	4							
18 3PM	← All 3 alive →							" "						
Mar 2	" " " Vig.							" "						

