

(Am)

(50)

SCS - pt ^{approx.} 90 days in H₂O @ 41°F

5-r alternating

(90 seeds)

Soaked 83 days

Days	Ger %	%	
April 11			Out of H ₂ O but kept in 41°F
" 15	4	0	
" 17	4	0	
" 22	9	0	
" 24	9	1	
" 29	14	2	
May 1	14	21	All roots glassy sickly A few developing root hairs Seedlings seem to be recovering from "drowning".
May 8	19	30	
May 13	19	31	
May 15	26	31	
May 22	26	31	

Further seedlings - "normal" and capable of growing on.
 These seedlings ("normal") slowly changed in appearance from glassy, waterlogged to normal tissue (red tufts white spots, root hairs developed).

(end)

Alternation 5-2 (41°F - 70°F)

Medoc Seed Basis 300 viable seeds

Date	Seed strat. @ 41°F by germination		41°F			Germination 70°F		Total		ob
	Cum	No	No seeds	Cum No seeds	%	No seeds	Cum No seeds	No seeds	Cum No seeds	
May 11	Into	41°F	for stratification							
May 18	7	7	7	7	2			7	7	2
May 22	11	4 Ger				87	87	87	94	31
May 27	16	5	1	8	3			1	95	32
May 29	18	2 Ger				90	177	90	185	62
June 3	23	5	1	9	3			1	186	62
June 5	25	2 Ger				35	212	35	221	74
June 10	30	5	4	13	4			4	225	75
June 12	32	2 Ger				19	231	19	244	81
June 21	41	9	7	20	7			7	251	84
June 23	43	2 Ger				21	252	21	272	91
July 12	62	19	15	35	12			15	287	96
July 22	72	10 Ger				13	265	13	300	100

Total elapsed time
(days)

703
131
72 clc.

72 ←
35 — 300 — 265

300

41°F

Aeration sack

approx. 50 days strat

Aeration Modoc
41°F

5-2

(A)

Total no. of seeds: 327

300V

In Sack
strat @ 70°F

Date	Into	Strat days	Strat Days Cum	Ger	%
May 11	Into		0	0	0
May 18	Out	7	7	7	2 87
" 22	Into		7	94	29
" 27	Out	5	12	95	29 90
" 29	Into		12	185	57
June 3	Out	5	17	186	57 35
" 5	Into		17	221	

Note

{ Modoc
Aldredgo
SCS }

Seed stored dry @ 41°F - out May 12 Weilled and
put in 70°F May 15, On May 20 50% of each
germinated.

June 10	out	5	22	225	19
" 12	in		22	244	7 75
June 21	out	9	31	251	77 21
" 23	in		31	272	83
July 12	out	19	50	287	88
" 13		Total 50		291	89
" 14				295	90 13
" 15		10 days		299	91
" 17		ger. @		300	92
" 19		70°F		300	92
" 22				300	(25 seed decayed - 4 good)
" 24				301	92
" 25				301	(1 decayed seed)

35
in
strat

Aeration Macroc Saeed Alternation 40°F - 70°F (5 days - 2 days)

