

# Rotation

Pt Germination - Seed rotated  
Kept in motion - SCS seed

July 8, 1944

Date	← all in water →				O <sub>2</sub>	Days strat	
	Lot 1	Lot 2	Lot 3	Lot 4			
	Small jar	Small jar	Large jar	Large jar			
Treatment →	Bailed off all air and left no air bubble in jar. Enclosed seed in jar - air tight	Used plain water. No air bubble. sealed air tight	Used plain water and left large volume air above it. sealed air tight.	Used bailed water and replaced air with O <sub>2</sub> above water. Sealed air tight.	at 41°F		
July 17	← started rotating →					} Days strat <u>31</u>	
Aug 17	← stopped rotating →						
Aug 16	← into 61°F →						
	DAYS	% Germination					
	Seeds	50	50	40	40	70	
Aug 19	3	0	3	6	31	78	70
" 21	5	0	5	10	34	85	85
" 22	6	5	10	14	34	85	88
" 28	12	9	18	23	35	88	88
" 31	15	9	18	23	35	88	88

Int.

Air just as effective as O<sub>2</sub> in inducing stratification