

Husk reduces germination O_2 availability
 but those that germinate very vigorous

Experiment

TMT Newman Fruit Dried Stored

87% viability

Mar. 9 Supply into 40°F restreat after 83

Date 1971	Time of day	Germ. time (days)	No.	Tips days storage		Germination (at 50°F (Cold Room))			No. of days
				Cum.	%	No.	Cum.	%	

at 8 Dec 15/70
 Fruit strat 30 °F Dried hrs @ °F restreat
 Into 30 °F storage Dec 16/70

Sample 0 Check (65) (57 calc) 0

Mar 9 0 Marked and into 68°F No restreat 0 0 0%
 " 17 0 0 0%
0%

Sample 1 (72) (63) 0

Mar 17 9AM 0 out restreat Into 68°F 0 0 0%
 " 20 9AM 3 Very vigorous 4 4 10 to 20 mm
 " 22 8AM 4 0 4
 " 23 8AM 6 0 4
 " 24 8AM 7 0 4 6%

(End)

Sample 2 (73) (64) 0

Mar 22 8AM 0 out restreat Into 68°F 0 0 0%
 " 23 8AM 8 8 12 mm
 " 30 10 3 11 17% all out

Sample 3 (94) (82) (End) 21

Mar 30 9AM 0 out Very vigorous 15 15 18% 10 mm
 " " to 30mm 9 24 29%
 April 3 4 3 27
 " 8 10AM 9 1 28 (End)
34%

Pf TMT Newman Fruit

Date	Time of day	Germ. time (days)	No.	Tips		Germination			No. of days
				Cum.	%	No.	Cum.	%	
		Sample (4)	(66) (57)		Residual @ 40°F				
April 8	10AM	0	(46)	Vigorous	18	18	37%	to 15mm	(30)
10	BAM	2			8	26			
11	BAM	3			2	28			
12	BAM	4			0	28			
13	BAM	5		Husks removed from "ungerminated"	0	28	49%	End	
		Sample Un ger H Re	(38) (33)						
Apr 13	BAM	0			4	4		1mm no leaf t	
14	BAM	1			0	4			
15	BAM	2			4	8		All leaf t	
17	BAM	4		Now into 41°F rest	0	8		← Note	
May 13	9AM			After 20 day rest of 11 ungerm 70% red tips black	19	27			(End)
		Sample (5)	(56) (49 50V?)						
April 15	9AM	0		Into 68°F (35)	21	21	43%	out	(37)
17	BAM	2	(22)	5gram drying injury	7	28		leaf	(30)
21	BAM	6		Vigorous growth!	1	29	59%	out	
24	BAM	9							(End)
		Sample (6)	Last.						
April 21	10AM			about 25 more germs left, viable??	41	41	to 20mm		(42)
					20	61			

