

Pt soaking solution of pigment
 Boise '74 seed.

Hormay

1974	Date Time	Color Code	Comments
	Jan 29 1:10P		Into soak in beaker. Water slightly off white
	1:20	A	with 0 minutes soaking
	1:25	B	Definite pigment color. Light straw purple
	1:30	C	Darker than @ 1:20 more pigment in solution
	1:40	D	" " @ 1:25 " " "
	1:40	E	more purplish.
	2:00P	F	Definite pigment layer forming above seed mass. Reddish purple. Stirred seeds. Water now purplish straw colored. Foam forming large bubbles. Broke down in about 10 minutes. Bubbles disappeared.
	2:15P	G	Still more pigment. Purple color is straw color masked. Bubbles to top of container. Broke down in 5 minutes but small amount of fine froth left on surface H ₂ O. and sides of jar.
	2:30		Bright purplish red. Large bubbles broke down in 5 minutes. More white froth form 15% surface of H ₂ O covered
	2:40	C	Darker still, foam 15% more stable, but breaks down in water. 1 table on side of jar. Changed water
	2:50	E	changed water, straw pink. Stirred color change + pink straw.
	3:15	F	Smallest large bubbles so far. Broke down 5 minutes froth 15%
	3:20		Foam heated up and flew outside jar. Foam material dissolving at faster rate than. Seed not quite saturated. Embryo does not squeeze out of inner most seed coat. Will in another 3/4 to 1"
	3:30	G	Foam. froth 20% more stable changed water
	3:30	A	again changed water. Bubbles formed but broke down in a minute or two.
	3:40	B	10% foam (fine)
	4:00	G	Drained. Excised 20 seeds (see label) petri dishes

B74B

Starting 8AM 1hr in H₂O to soak
2hrs out of H₂O

Jan 30

8AM

Into H₂O

8:30A

D

Bubbles; Sinc foam 5%

9:00A

H

White froth 10% Drained

11:00A

Into H₂O

12:00pm

G

out H₂O No froth just large bubbles

2 PM

D

Into H₂O Light froth

2 PM

F

out H₂O