











Green Ring Info. To Date

- & Most drenched fruit did not develop GR.
- - Developmental factors likely involved.



∠ Drying fruit before degreening reported to reduce incidence of GR.





Postharvest Tests % Fruit with "Green Ring"			
Treatments	Overall	Waxed	Un-waxed
Control (water)	0.0 b	0.0	0.0
+Chlorine (125 ppm)	0.0 b	0.0	0.0
+TBZ +Surfactant +BF* +oil	27.0 ab	2.0	41.3
+TBZ +Surfactant	29.3 ab	18.5	47.3
+TBZ +Chlorine +Surfactant	38.8 a	8.7	50.0
+Chlorine +Surfactant +BF* +Oil	50.8 a	23.9	75.0
Commercial Drench *BF = Break Fluid	49.9 a	50.0	80.0



- Very little know. Could include any of a number of chemicals and/or weather-related events including:
 - Preharvest chemicals, excessive rain and/or poor drainage, a large proportion of "off bloom" fruit, or warm, dry winter and fall weather.
- Reports surfaced in Dec. suggesting that preharvest sulfur sprays may play a role.

Pre-harvest Factors Affecting Green Ring

- A test was conducted in January spraying whole Star Ruby grapefruit trees with either:
 - water (control)
 - sulfur (15 lb/acre)
 - benlate (2 lb/acre)
 - sulfur + benlate
- Fruit were harvested 7 d later, drenched, degreened for ~52 hours (5 ppm ethylene at 85 °F, 95% RH) and stored at 70 °F.



- *∝* Smaller fruit are more susceptible.
- Preharvest factors have not yet been identified.



✓ Maintain degreening room between 90-95% RH. Thank You!