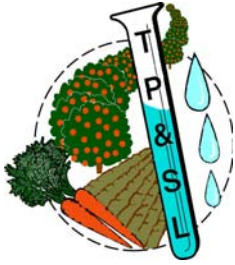


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Texas Plant & Soil Lab—Ask the Plant?



Citrus Nutrition

2005 CITRUS FACTS—RGV

**Best Price Situation in years,
Best Water Reserves**

Historically early production makes profits,
Cutting cost on essential inputs reduce potential even when all Cultural Practices are good.

Scientifically Sound (Triple R – SS - PRP).

FACTS: Soluble Nutrients (H_2O – salts of fertilizer NO_3 -K-Ca-Mg) are the first to be taken up by roots.

- Recent months of above average rain has leached the water soluble nutrients below 4'
- First Bloom is first pick @ best price
- N-P-K translocate from old leaves to new growth
- OTHERS do not in sufficient amounts to set first blooms
- Ca – B – Zn – Mn must come from stores in Leaves & Sap, (they do not translocate)
 - Christmas Freeze dropped many leaves
 - Abnormal January flush used available stored nutrients before bud formation
- ROOT ACTIVITY BEGINS AFTER FIRST LEAF GROWTH



TPSL has many years of data, that early foliar WORKS from hundreds of acres on most local varieties of citrus

- At first bloom Ca-B-Zn-Mn are most often very low in new growth
- The below treatments have shown antidotal increases though lacking Statistically Significant data

2005 Could be a good year to get high returns on early foliar nutrient investment (10-1 beats Las Vegas odds)

- * Apply as early as possible in February just before bud break & then at petal fall
(May be best to skip during peak bloom)
(2 times early and late maybe better than 1 spray)

- FOLIAR**• Use small amounts: N-P-K (1-2-1 or 1-1-1 Ratios)
 - Activators combination of several (Products containing: Humus forms – Multi-hormones – Carboxyl's – Biologicals – Wetting Agents, etc.
- RATES as little as 5 gal/ac by AIR could be highly effective – would be least expensive
 - Less than 50 gal/ac by ground
 - Double back on a strip to observe better rate
- ONLY New growing tips need coverage

ONLY THE GROWER CAN TELL by experience what works on his citrus.

TPSL does not sell or endorse products Just helps determine needs.