

Your Solution to Soil Fertility & Plant Nutrition

COTTON - '07 Year of the Fleahopper & Weather Damage - TPSL

18May

- Early Cotton has 8-10+ nodes to first square/bloom in the RGV - late start.
- To maximize genetic potential of improved varieties need to try to start squares @ 5<sup>th</sup> node.
- '07 Fleahoppers seem to be swarming early and often, some fields on 3<sup>rd</sup> spraying.
- COMBINED with weather stresses earlier and lack of sunshine forces the plants to need nutritional balance and physiological help to produce enough carbohydrates and other photosynthates for optimum fruiting. (Products are available "Ask The Plant" what are best for **Return On Investment**.)

***TPSL's exclusive, proprietary "ASK THE PLANT" total nutritional programs are the best guide to feeding the plants properly when and what they need for Optimal Genetic and Profitable Performance!***

CHECK [WWW.tpsl.biz](http://WWW.tpsl.biz) -- click 'Agronomy Directory' then Cotton then 'Weather Caused Plant damage' Products are available to help stressed plants recover rapidly "Ask The Plant".

FOR FLEAHOPPERS use a preventable program of the best effective pesticide to control or to full bloom.

WANTED GROWERS THAT WANT TO BE TOP PRODUCERS & their Consultants & Suppliers.

**Cost of Testing:** about 10 - 20 lbs of lint/acre depending on test size - **ROI** can be 1+ bales/ac  
Knowledge, Products and genetic potentials are available

**DON'T GUESS "Ask The Plants" for nutritional balance at each STAGE OF GROWTH?**

INPUTS ARE TOO EXPENSIVE to use too much or too little for needed results.

**COTTON** uses very little (< 20%) of N requirements by first fruit set. More Nitrogen can be made to soil in low rates until the 3<sup>rd</sup> week of bloom. Then extra N should be applied in water or foliar as LB (low biuret) urea when needed according to petiole test. Too much N -- too early results in excessive vegetation. Too little too late cause's fruit shed. -- Heavy soils tolerate more N earlier, adjust according to field history. **Can be managed on dry land and all types of irrigation.**

**PHOSPHATE** (PO<sub>4</sub>) levels in the sap (Petiole tests) indicate root activity & P supply during fruiting and maturity periods. Test regularly & use proper treatments to persuade earlier production of higher quality. Improved Root growth may be stimulated with small amounts of P plus Humic Acid + PGR (multiple hormones) + Soil inoculants thru irrigation systems or foliar. Keep high sap PO<sub>4</sub> levels until all bolls are set.

**TPSL discovered this unique root growth to fruiting petiole function!**



Call or e. Noel, Norma or K. handler @ 956 383 0739 web

<tps1.biz>

LIL2 MW DSTOP 7518Cotton Notesfleahopws

COMPLETE FIELD SAMPLING, TESTING & CONSULTING SERVICES IN SOIL FERTILITY, PLANT NUTRITION & CROP PRODUCTION  
(SERVING GROWERS "SINCE 1938")