



## FEATURED TECHNOLOGY FOR FRUITGROWERS

**Yara's Tropicote® Calcium Nitrate fertilizer was designed specifically for fruit and vegetable crops which can benefit from both fast-acting nitrate nitrogen and readily available calcium.**

**\* What's so different about it ?? :**

The fast-acting highly water-soluble nitrate form of nitrogen(N) in Tropicote® gets into the tree *much* faster than other commercial nitrogen sources. This is especially important during the early season when fruit trees' nitrogen demands are the highest- and our typically cold, wet soils are unable to provide sufficient N to promote strong fruit set, rapid fruit cell division and good early fruit growth.

**\* Effect on orchard soil pH levels ?? :**

Unlike many other nitrogen sources- including ammonium nitrate, ammonium sulfate and urea- Tropicote® use will not lower orchard soil pHs.

**\* Calcium Nitrate Tropicote® nutrient analysis : 15.5-0-0-19 (N-P-K-Ca)**

**\* The perfect orchard N source :**

**Quick uptake even in cold soils, no residual nitrogen. Soluble calcium for strong cell walls, tree health and fruit development.**

Learn more about Yara's Tropicote® calcium nitrate products at:  
<http://www.yara.us/agriculture/products/yaraliva/default.aspx>



for more information,  
contact Dan Gordon at:  
410-883-3831  
[dan.gordon@yara.com](mailto:dan.gordon@yara.com)



**\* Achieving strong return bloom in biennial apple varieties:** Like many apple orchards in NY and Michigan, this western NY M7 Jonagold block had very strong return bloom this spring. However unlike many other blocks which were frosted off last season, this block picked over 2,000 bushels per acre in 2012- and is set up do it once again in 2013. *Why did this block and many other biennial apple blocks come back so strongly after picking very heavy crops in the drought-stressed 2012 season ?:*

- It's been on a ground-applied calcium nitrate fertilizer program- both pre-bloom(once) and post-bloom(twice) in 2011 and 2012.
- **Plus it's also been using a Vitazyme biostimulant foliar spray program(4 seasonal sprays).**
- And it's been receiving regular post-bloom NAA(Fruitone-L, PoMaxa) and Ethrel PGR return bloom treatments in summer cover sprays.

**\* NEWSFLASH:** There is a VERY large apple crop looming in the east- which in turns means that return bloom will be a serious challenge heading into 2014. Steps you can take to improve your 2014 return cropping levels:

- Post-bloom use of calcium nitrate both to help size heavy crop loads and improve return cropping levels.
- **Use of a Vitazyme biostimulant foliar spray program.**
- Post-bloom NAA(Fruitone-L, PoMaxa) and Ethrel PGR return bloom treatments in summer cover sprays...
- **PS-** Your biennial apple varieties really ARE NOT producing steady crops if every other tree has a crop every other year...

