



## Knowledge grows

# YaraLiva™ TROPICOTE™

YaraLiva TROPICOTE	% w/w
Total Nitrogen (N)	15.5
Nitrate	14.4
Ammonium	1.1
Calcium (Ca)	18.8

### Importance of Calcium

Calcium nutrition of bananas is often sub-optimal, as plant available calcium can be easily leached past the shallow rooting system. For bananas grown in high rainfall climates, improving nutrient efficiency is a major challenge for the banana grower. The secret to success lies in applying little and often applications of YaraLiva TROPICOTE. Calcium plays a major role in helping to maintain the large leaves of this crop in a strong, healthy condition. For the fruits a regular supply of calcium nitrate enhances fruit length, shape and subsequent quality. YaraLiva TROPICOTE supplies 19% calcium, which is fully water soluble, and readily available to the plants. In addition it contains 15.5% nitrogen, mainly in the immediately available nitrate form, to maintain rapid plant growth.

### When to Apply?

- **New plantations** with synchronised fruiting 3 x 100g YaraLiva TROPICOTE per plant at pseudo stem extension, early shooting, flowering.
- **Old plantations** with non-synchronised fruiting apply monthly 40g YaraLiva TROPICOTE per plant.

### Trial Results

Trials from Columbia have shown YaraLiva TROPICOTE substantially improves bunch weight and total marketable yield. Similar results have been recorded in Guatemala, Ivory Coast and the Phillipines.

Treatment	Average fruit weight/bunch (kg/bunch)	No. of bunches (bunches/treatment)	Total fruit yield (Mt/treatment)	Total fruit yield (relative)
Standard program + Ammonium Sulphate	15.39	1935	22.91	100%
Standard program + YaraLiva TROPICOTE	15.96	2209	32.25	119%

Ref: C.B.I Bananex and Yara Columbia (2001)



### Benefits

- Promotes higher yields.
- Helps to reduce maturity spot.
- Delays the progression of Black & Yellow sigatoka disease (*Mycosphaerella fijiensis*).
- Enhances fruit quality by producing longer, straighter fruit that are less like to cause scratching in the bunch.

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