TRIAL RESULT ON BANANA TREES

1. **Area:** Veracruz – Mexico

2. **Varieties:** Dwarf Giant and Valery

3. **Treatment plans:** The treatment plan selected consists of 16 months of monthly applications. This period is the one required for the second-generation plant to become a mother plant, producing fruits that can be harvested, and for the third-generation plant to become a second-generation plant with a third-generation plant under development.

4. **Results:** The beginning of the results is observed on he second-generation plant after the first two months. When it becomes a mother plant, equilibrium in the phonologic process has been completed and there is a properly equilibrated plant in the mother-son relationship, both in leaf mass and stem thickness as well as in the height of the second-and-third-generation plants. Metabolic regulation, which AMINOFIT provides, is reached totally when the third-generation plant becomes a mother plant; from that moment (the period that has passed is between 12 and 15 months, depending on weather conditions), the plant is totally metabolically regulated, and the productions obtained are very significant, the quality of the banana tree is excellent and the resistance to transportation and storage life increases sensibly.
   The commercial results of treatment with AMINOFIT that we have obtained in Mexico correspond to two plant cycles.

5. **Production:** Average production results obtained after two plant cycles corresponding to two cooperatives at the states of Veracruz and Chiapas, after having eliminated the highest and lowest values, are the following:

   At San Rafael, Veracruz
   a) Average production of controlled area: **35 Tm/Ha**
   b) Average production of treated area: **80 Tm/Ha**

   At Tapachula, Chiapas
   a) Average production of controlled area : **40 Tm/Ha**
   b) Average production of treated area: **95 Tm/Ha**

6. **Quality:** The quality measure has been established comparing the parameters that affect commercialisation.

   a) Filling of the fruit
   b) Calibre uniformity
   c) Resistance to Transportation
   d) “Storage life”, that is, the length of time that the banana can resist at the point of sale without showing signs of not being suitable for the sale.

   The quality results have been evaluated by the cooperatives and by the Banana Growers Association, and the conclusions obtained are greater in each item a), b), c) and d) in yield obtained from the plots treated with AMINOFIT than the controlled.

7. Treatment Plan for BANANA TREES in Mexico

Products to be applied every 30 days per Hectare	Quantity of product per Ha
1st month **AMINOFIT.Xtra™** (1st 2 weeks)	500 cc per Ha
AMINOFIT.Xtra™ (2nd 2 weeks)	500 cc per Ha
2nd month idem	idem
3rd month until the 16th month idem	idem

Total 16 months Total quantity : **AMINOFIT.Xtra™ : 16 Litres**

Notes:
The minimum dose per hectare, per month, must be 1000 cc (1 litre); it is considered that plants may be sprayed with a minimum of 100 litres of water, using Ultra Low Volume (ULV) equipment with a tractor.
If it is the agriculture's use to spray the plants with a greater quantity of water, the 1000 cc dose of AMINOFIT.Xtra per every 100 litres of water must be respected.
The application of AMINOFIT.Xtra may be combined in the event that the applications with the agrochemicals that make up the growers technological package (fungicides, etc.) follow the same pattern.

Mebrom, 30.09.2002