

Progress report HG - in Pineapple

June 2010



Pineapple Plantation in Trat Province , Eastern Part of Thailand

Pineapple plants are cultivated for about 3 years, after this the rubber trees in between are too big to serve further for Pineapple cultivation.

Status:

- Pineapple Plantations are farmed for food processing and cane food companies
- Plantation owner is looking to improve health and strength of Plants (anti-rotten, Size)
- Darker and wider leafs
- Bigger and wider Body/Hip (14cm Meat diameter)
- Increased Brix Value to save sugar usage for finished products
- Problem with drought situation: plant can't develop; farmer need to carry water to plantation to prevent crop loss

-HG Goal:

- Brix Value increase
- Healthy Plants, avoiding fungicide chemicals
- Bigger Plant, bigger Fruit
- Faster growth cycle
- Drought resistance, reduced water need

Plantation Test Site, 1st spray 2. July 2010



Landscape



Mixed plantation - Pineapple / Rubber Trees



HG spraying plot



Heavy work

Labeling of HG - and Control Plants



Marking, measuring, keeping records



First spray application on 8 month old Plants



Follow up after 3 weeks (23.July 2010)



HG Plant progress after 3 weeks



Before

Height: 16 cm

Circumference: 28 cm



After

Height: 18 cm

Circumference: 34 cm

+ 2 cm

+ 6 cm

Progress on Sample no. 3



Before

Hight: 10 cm
Width: 25 cm



After

Hight: 14cm + 4cm
Width: 31 cm + 6 cm

Visual Control on 2 Month old Plants (3 weeks sprayed)



More powdered, reddish and larger Leaf



Improvements on 60 day old Plants



Improved young Plants



Quality standard



White powdered, redish and shine Leafs wished as sign of Quality



2nd Spraying 23.July 2010 (3 weeks after 1st Spraying)



- 3rd Spraying will be done on the 9th of August
- Clear visible and measurable Results are our Target
- More variation of different fruit crops should follow by this participating corporate customer
- Present 8 Month old Plant expect to Harvest – end August .