

Testing **HERBAGREEN®** in Rubber Trees



First visit on 16 May 2011

- **Location:** Lamae in Chumphon Province
- Test side suffers from unproductive rubber trees
- 5 trees were selected for **HERBAGREEN®** testing
- **First spraying: 16th May 2011**
- The first 2 trees were in bad condition, losing leaves and trees were in progress of dying off.
- The others suffer from poor skin quality, fungal infection and stem damage from rubber tapping
- one spray application to stem and soil was done this day
- **Re-visiting** test side after 3 weeks on 30th May

Spray application

16th May 2011



- **spraying stem:** from bottom up to a height of 3-4 meters above ground
- **target:** - stimulate skin for good rubber flow beneath
- support tree in healing process of skin damage / infections and fungal diseases



- **spraying surrounding soil:** up to 1,5 meter from stem
- **target:** stimulate soil surface with **HERBAGREEN®**
- improve PH value of soil
- prepare to flush Nano Minerals into deeper soil structure by next rain
- stimulate better development of soil micro organisms and nutrient up take capability of rubber tree

Observation after 2 weeks:

30th May 2011



- 4 of 5 trees were taped for rubber milk
- plantation owner commented on improved "soft" skin quality
- all taped trees produced rubber, even the first two trees which were dying off!
- this two trees with almost no leafs left should not been taped, but anyhow showed great recovery by producing this new rubber flow.



Tree condition:



- by spraying only soil and stem, all trees showed significant recovery
- all trees showed excessive new branching and leaf development
- **HERBAGREEN®** rubber trees are easy visible on the light green new leafs, rest of plantation had the usual dark green appearance
- the two dying trees on the right hand side sprouted with a blast of new life



Significant recovery !



- first tree: when visiting plantation on 16th May, this tree has already almost completely dyed off
- after spraying **HERBAGREEN®** on stem and soil, new leaf branches sprouted out all over the tree
- in other parts of this plantation many trees had already been chopped off from this conditions.
- all visitors were impressed from this recovery!
- we expect a full recovery from this tree until mid of June



All-round improvement



- by spraying soil with **HERBAGREEN®**, the result was visible by a improved micro organism environment.
- large numbers of soil worms were back and helped to loosen up the soil structure around the tree to allow a better oxygen supply on their hair roots.
- the untreated trees were still with a compacted soil structure and no worms were active there
- good soil environment may helped also to recover these damaged rubber trees.



Improved skin healing



- effect from spraying **HERBAGREEN®** on skin:
- softer skin, clear advantage for rubber tapping
- bacterial and fungal infections recovered in very short time
- old skin parts ready to shed faster and easier than in non treated trees
- fast development of healthy new skin layers

