

## Report on Status of Infested Cotton Tree at Lamma-1

1. It came to our attention in earlier part of 2008 that the health condition of the cotton tree at the entrance of House No. B1 in Lamma-1 was deteriorating. A few visits to site were made to observe the condition of the tree. No leaves were left on the tree and some of the branches were also withering. The following photos were taken on 2008/03/27.

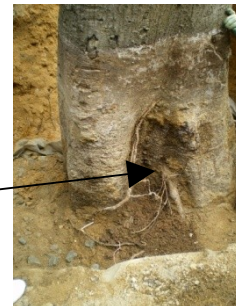


Photo 1 of 2008/3/27



Photo 2 of 2008/3/27

2. An arboriculturist was engaged to rescue the tree, who made examination of the tree on 2008/04/05 and confirmed the following:
  - a. The tree had been infested by termites and fungus. Evidence of termite activities and a nest were found at the root of the tree. However the termites had moved away. (See photo at right for original position of nest.)
  - b. Sample taken by drilling at 1 meter height showed that xylem at 50mm had gone bad.
3. Treatment approach recommended by the arboriculturist:
  - a. Ensure no more termites are remaining on the tree.
  - b. Revitalize the tree especially its root activities.
  - c. Clear any substance on the tree that may induce infestation.
4. Treatments performed by arboriculturist:



2008/04/08

- a. Applied 2 x 200ml Imidacloprid (diluted 1:500 water) to the tree through trunk injection to ensure elimination of termites. (The termitecide fully complies with AFCD and EPD requirement.)
- b. Applied 2 x 500ml Amino Total (diluted 1:800 water) to the tree through trunk injection to help quickly correct nutrient deficiency.
- c. Flushed clean tree trunk with flesh water.
- d. Replenished soil and organic fertilizer around the root.
- e. Thoroughly irrigated water to the soil around the root.

2008/04/11

- a. Replenished 2 x 500ml Amino Total (diluted 1:500 water) to the tree through trunk injection.
- b. Thoroughly irrigated water to the soil around the root.

5. Latest Observation

After the treatments, the tree quite obviously is recovering and regaining vitality. Pictures below taken on 2008/04/15 at similar angles of those taken in March showed that some new leaves are budding.



Photo 1 of 2008/04/15



Photo 2 of 2008/04/15

Submitted by:

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Conservation Team

2007/4/17