Plantation Grown Agarwood

Potential and Resources

Management of Plantation

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Res.Conf. 16.10 (Artificially propagated of agarwood)

- 2 definitions :- under control conditions
  - cultivated parental stock
- The area of cultivation
  - garden
  - production plantation
    (monospecific or mixed species)

2

Situation of agarwood plantation in Thailand

- n/a statistic on the area of agarwood plantation
- Agarwood are planted around t he country most in eastern part
- Both mono and mixed with fruit plant or rubber
- A.crassna and A. malaccencis

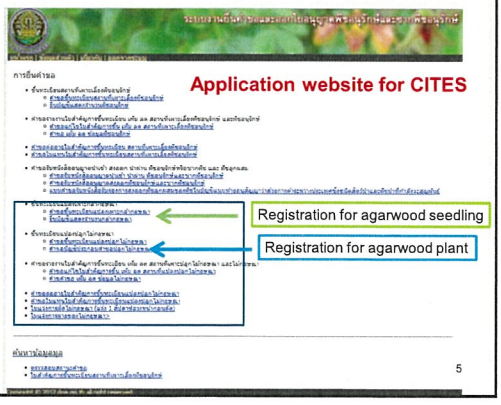
3

Objective

- To manage the potential and supply of agarwood production
- To solve the problem of agarwood farmer on cultivation, inducing the resin and trade by maintain a good liaison with organization involved.
- To ensure that the export of agarwood are complied with the relevant legislation (national and international)

4

Electronic program of agarwood registation



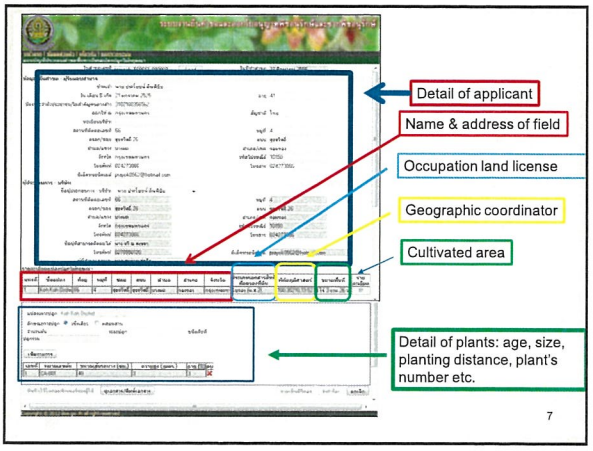
5

Type of registration

Seedling registration

Mixed plantation

6



7

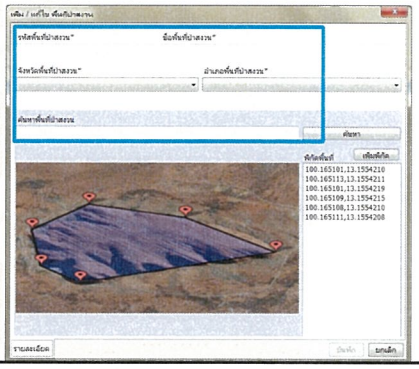
Planting distance

1.5 x 1.5 m or 2 x 2 m

2 x 3 m or 3 x3 m

8

geographic coordinator database of protected area



9

Yield of chip

Tree 10 years : c =1.07m. , h (height) 9 m.
Yield = 1.07 x 1.07 x 9 x 7/88 = 0.82 cu.m
Live weight 1 cu.m ca 600 kg
0.82 cu.m ca 492 kg
Dried (loose 50-60 %) 200 – 250 kg

Yield (volume)
= c x c x h x 7/88 cubic metre

Circumference = π × diameter
= 2 × π× radius.

10

Yield of oil and chip for inhale

Dried chip 15 kg = 1-2 tola

5 % of resinous chip per volume

11

Registration steps

- Volunteer and test program
- Public hearing to setup rule and regulation for registration
- Public relation to encourage farmers to register
- Regulated the sources of export from registered plantation

12

Challenge

- Decision maker
- Agarwood farmer is lack of knowledge (inducing resin, trade and legislation)
- Misunderstood about the nursery registration system

13

Conclusion

- The registration of agarwood plantation is guarantee that its sustainable utilization and do not disturb agarwood tree in forest.
- Benefit for management of export, the source have to come from registered plantation. Customers can directly buy from farmers, thus eliminating the problem of fraud.
- Sharing the information on registration system of agarwood with other range states will be useful and benefit for agarwood farmers.

14

15