

## **ABSTRACT**

### **THE COMPOSITION OF THE PLANT WHO FARMER CULTIVATION AREA IN REPONG PEKON NEGERI RATU NGARAS KECAMATAN BENGKUNAT LAMPUNG WEST KABUPATEN**

**By**

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Use prime of repong damar is the function of the resin, as source farmer family economy. Today in Pekon Negeri Ratu Ngaras Kecamatan Bengkumat Kabupaten Lampung Barat very much famers field who resin of tree repatdly chop down and plant back with the other kind of plant. The point from this research for know about the kind of plant composition who eternal with farmer in Pekon Negeri Ratu Ngaras Kecamatan Bengkumat Kabupaten Lampung Barat.

This research did located in Pekon Negeri Ratu Ngaras Kecamatan Bengkumat Kabupaten Lampung Barat at Maret -- Juni 2009. width area repong damar is research is 202 ha, and Sampling Intensity ( IS) is use 1% until result research of polt the many 40 plot. In data there's species kind of plant, many of each other, and radius of stem. The data use radius plot metode with 40 plot. The little circle of plot with radius 2,82 m ( radius wide not more than 25 m<sup>2</sup> ) use to reaserch fase to youth of the forest and weaning, the plot medium circle with radius 6,64 m ( radius wide not more than 100 m<sup>2</sup> ) use to reaserch of youth of the forest pole fase, and the biggest circle of plot with radius 12,61 m ( radius wide not more than 500 m<sup>2</sup> ) use to reaserch tree fase. And to know the reason from the farmer manage field do to question with they're in there's any plot to reaserch and the same plot with plot to reaserch.

From the reaserch we know the kind of plant who eternal with farmer in Pekon Negeri Ratu Ngaras Kecamatan Bengkumat Kabupaten Lampung Barat as 49 the kind of plant who domination, resin (*Shorea javanica*), durian (*Durio zibethinus*), cacao (*Theobroma cacao*). The most plant who eternal waith farmer who the kind of plant have high economy. The kind of plant much to eternal with farmer is durian (*Durio*

*zibethinus*), cacao (*Theobroma cacao*), clove (*Eugenia aromatica*), pithecelobium (*Pithecellobium jiringa*). The farmer keep to hold out with repong damar is 11 person, the change of repong damar is 9 person, and eternal to the other kind of plant in area repong damar is 20 person. The reason their to change type of repong damar because if their to sell their have high price and the other side to eternal each other kind of plant because their have high economy to change as resin.

**Key word : Repong Damar, the kind of Compotition**