

CHAPTER VI

CONCLUSION

Chapter VI contains the conclusions of the research results and suggestions that can be used for further research.

6.1 Conclusions

The conclusions obtained based on the results of data processing and analysing are as follows:

1. Strategic site as the site to build the citronella oil processing unit in Rambatan Subdistrict is in Aur Serumpun.
2. The most economical truckload to transport 500 kg citronella leaves is motor rickshaw.
3. The maximum price of citronella leaves per kg at the processing unit so they still can gain profit more than 10% is Rp1.040,00 per kg if the citronella oil processing unit sold it Rp15.000,00 per 30 ml.
4. The order quantity of firewood is 4.500 kg and its reorder point is 500 kg. The order quantity of 30 ml bottle is 731 bottles and its reorder point is 512 bottles. The order quantity of small cardboard box is 114 boxes and its reorder point is 77 boxes. The order quantity of large cardboard box is 32 boxes and its reorder point is 19,25 boxes. The order quantity of plastic seal for bottle-cap is 1.400 pieces and its reorder point is 384 pieces. The order quantity of label is 951 pieces and its reorder point is 512 pieces.

6.2 Suggestion

Suggestions that can be given for related research are as follows:

1. The company should be able to use the proposed supply policy in planning the supply of firewood and supporting materials.

2. This research can be continued by designing an inventory planning and controlling application to make it easier for companies to plan firewood and supporting inventories for the next period.

