

## CHAPTER VI

### CONCLUSIONS

This chapter consists of conclusions of research on supply chain risk management of hybrid corn and suggestions for future research.

#### 6.1 Conclusions

The conclusions of research are:

1. Based on the interview and expert's suggestion, identified a total of 38 risk events and 36 risk agents in the supply chain of hybrid corn consist of 5 risk events and 5 risk agents of CV Usaha Tani, 9 risk events and 9 risk agents of Farmers, 10 risk events and 8 risk agents of PT Citra Nusantara Mandiri, 6 risk events and 6 risk events of PT Pertani, 5 risk events and 4 risk agents of retailers, and 3 risk events and 4 risk agents of consumers.
2. According to ARP value, selected a total of 22 risks agents. Risk agents mostly found in the farmers actor with a total of 7 risk agents, manufacturer stage (PT Citra Nusantara Mandiri) with a total of 6 risk agents, retailers stage with a total of 4 risk agents, distributor stage (PT Pertani) with a total of 4 risk agents, and 1 risk agents on consumer stage.
3. The preventive actions suggested to be implemented in the supply chain of hybrid corn are:
  - a. Providing agricultural counseling about the knowledge related to harvest time (ex : the selection of proper harvest time)
  - b. Choosing the right time planting schedule (the rotation of time planting among the farmers)
  - c. Improve the monitoring and safeguard for soil and plants quality

- d. Providing agricultural counseling about hybrid corn production process knowledge
- e. Purchase some machine
- f. Increase the quality of product
- g. More selective in choosing employee
- h. Implement reward and punishment system for the employee
- i. Create scheduling system in ordering products
- j. Build up a cooperation contract to slowly increase the prices of fuel (before the increasing of national fuel prices)
- k. Provides inventory before making a purchase to the distributor
- l. Increase the harvest area in rainy season, set the acreage and corn production in the dry season, and stabilize prices.
- m. Improve the partnerships with retailers

## 6.2 Suggestions

The suggestion for the future research is the research object can be developed not only for hybrid corn, but also the other food commodities such as cacao, oil palm, etc.

