

CHAPTER VI

CONCLUSIONS AND SUGGESTIONS

6.1. Conclusions

- The use of 1% soybean oil + 1% fish oil + 1% tomato powder could give better HDP, egg weight, egg mass, FCR and IOFC of Mojosari ducks.
- The use of 1% soybean oil + 1% fish oil + 1% tomato powder could increase yolk color score, n-3 FA concentration, n-3 LC FA transfer efficiency and decrease n-6: n-3 FA ratio, without had negative effect on peroxide value of egg yolk of Mojosari ducks.
- The use of 1% soybean oil + 1% fish oil + 1% tomato powder could increase fertility, hatchability of fertile egg and hatchability of total eggs set of Mojosari ducks.

6.2. Suggestions

- The use of 1% soybean oil + 1% fish oil + 1% tomato powder was recommended to achieve optimum laying performance, egg quality and reproductive performance of Mojosari ducks.
- It is suggested to use incubator with automatic egg turning and automatic controlled temperature and relative humidity to provide better evaluation on reproductive performance of Mojosari ducks.