

## V. CONCLUSIONS AND SUGGESTIONS

### A. Conclusions

Based on the results of research and discussion it can be concluded that:

1. The effect of tofu liquid waste on the growth of hydroponically cultivated lettuce can affect the growth of lettuce plants both in plant weight, number of leaves and plant height, but concentrations that are too high actually make the growth of lettuce plants decrease.
2. Lettuce plants are able to tolerate the concentration of tofu liquid waste up to the highest concentration of 15%. The best tolerance concentration for plant growth is indicated by the concentration of tofu liquid waste of 5%.

### B. Suggestions

Further research needs to be carried out to determine the growth and chlorophyll content of lettuce and other types of plants using liquid tofu waste that has been completely processed into fertilizer. It is necessary to utilize other additional nutrients in the form of calcium (Ca) so that lettuce plants have sturdy stems, it is necessary to use a color table to determine the greenness of lettuce plants and the need to optimize environmental conditions so that plants can grow well.

