ABSTRACT

The phenomenon of over-harvesting often occurs in Indonesia. The excess harvest that occurred caused a huge loss for farmers in various regions because every planting season, the farmers would plant what crops were trending at that time without considering that other farmers also planted these crops. The main problem with this phenomenon of excess yields is that there is no spesific media of information and communication between farmers that can be used to avoid losses for farmers due to planting the same crop.

Based on these problems, a web-based *database* software was created which contains planting information for farmers from various regions. This *website* is equipped with various features such as *input*, change also delete plant data, estimated harvest, and estimated harvest weight. Farmers can also see crop information in several other areas, afterwarit becomes an illustration and a reference in determining what commodities to plant in the next planting period.

The results of the study show the function of web-based *database* software is effective in assisting farmers in making decisions for planting plans in the next period. Based on the qualitative data that has been collected, it can be concluded thatthis web-based *database* software is helpfull for farmers who are having difficulty making planting plans and anticipating the phenomenon of over-harvesting that is detrimental to farmers.

Keywords: Overharvest, farmers, planting information, *database* software, *website*.