



Farmer Empowerment through Agricultural Technology and Information (FEATI) in South Sumatra is implemented in one district, namely Banyuasin District that included 40 villages. Eighty percent of Banyuasin District Area is tidal swamps. The major commodity, rice, is cultivated once a year with the production of 5.2-6.5 tons/ha. Net income could achieve Rp 7,638,750.-, with a level of business feasibility (R/C) 2.52 (PRA 2008). Potential other commodity developed is duck, especially meat duck. Market prospect of meat duck is good enough because to meet the market demand in South Sumatra hasn't been adequate.

There aren't farmers that cultivated meat duck by intensive and according to market criteria (weight of young duck was about 1.6 kg) before year 2009. FMA implementing unit (IU) of Banyu Urip Village, Tanjung Lago Subdistrict, Banyuasin District was as pioneer. Action research facility (ARF) of meat duck cultivation is started since year 2009. It was facilitated by South Sumatra AIAT both assistance technology and financial.

The result of action research facility (ARF) showed that average weight of meat duck of two-age month was 1.63 kg with sell price of Rp 30,000.-/duck, production cost of Rp 12,275.-/duck, and income of Rp 17,725.-/duck with a level of business feasibility (R/C) of 2.26. This result is thought by farmers profitable because with business scale of 50 ducks, mortality level of 10%, four periods of fattening in one year could be gotten income of Rp 3,119,600.- so the farmers will continue this business.

Effect of this action research facility was Gapoktan of Banyu Urip Village through study process that will be facilitated by FEATI program will design rural duck agribusiness with activity begin from production process of egg, DOD (day old duck), and fattening duck. Duck aid of South Sumatra AIAT after harvest was rotated to other farmer. This system is conducted by continue so that hoped this business will spread to village area. Spread of technology was conducted inter-farmers and was assisted self and field extension, with technology resources of South Sumatra AIAT. The number of farmer that conducted fattening duck was increased from six people become twelve people with business scale of 40-100 duck/farmer in January of year 2010.

Besides that spread of technology was conducted when agribusiness/training workshop that conducted in District where South Sumatra AIAT was as technology resources that was

## **Development Business of Fattening Duck Increase Income of Swamp Rice Farmer in Banyuasin District, S**

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developed in FMA study process. FMA of Banyu Urip Village became one of field trip location, besides that participant was met business worker who was ready to collect product of duck agribusiness. Study activity of 50% of 40 villages was duck agribusiness. Hence the future hoped Banyuasin District can be as duck center in South Sumatra.