

## **AN EVALUATION OF SELF-SUFFICIENT SEED VILLAGES PROGRAM (A STUDY IN MEMPAWAH REGENCY, WEST KALIMANTAN)**

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### **[Objective]**

Improving rice productivity needs concrete efforts such as providing quality seeds. Good productivity could reach if farmers used quality seeds. One of the agriculture programs towards food security in Indonesia is the Self-sufficient seeds villages program. The purpose of this program is to grow a group of breeders or a combination of breeder groups which are able to provide seeds to meet the demands of seeds in their village. This study describes the evaluation of Self-sufficient seeds village program in Mempawah Regency, West Kalimantan. The objective of the study is to understand the implementation of Self-sufficient Seed Village program and how the program is works on research area.

### **[Method]**

The study was conducted with direct observation and interview to the rice farmers in 6 Villages in Mempawah Regency. Respondents were composed of participant and nonparticipants farmers of the Self-sufficient seed villages program.

### **[Results]**

It was seen that almost all farmers were aware of the superior seeds of paddy, however application of superior seeds were only known by local breeders and farmers who produce rice, subsistence farmers however, tends to use local varieties and derivative seeds of superior seeds. Good demand of local rice and lack of budget to buy superior seeds are main factors which prevent subsistence farmers using quality seeds. Local breeders at research sites derived their budget source from selling superior seeds and they had small capital. Ownership of mechanical harvesting equipment low, leading to farmers renting the harvesting tools for which they have to stand in long queue which in turn effects their planting schedule. Farmer Groups (*Gapoktan*) membership and assistance from extension officers helps farmer understand using high quality seeds and improve their capability.

### **[Conclusion]**

Market distribution for high quality seeds produced by local breeders rely highly on Government programs and cooperation with National Seeds Distribution Company. Hence, guidance from extension officers of Agriculture Office Province and Regency to socialize superior seeds application among the subsistence farmers to increase their rice production and for supporting local seeds market are essential. For developing and achieving rice surplus, using of superior seeds need guidance from extension officers and success of a local breeder could help as an example to convince subsistence farmer to convert from local rice to superior seeds. It is important to observe the sustainability of this program at the end of it farmers would then be able to produce high quality seeds continuously with or without government programs. In addition, the role of extension officers and other parties are also important to support further development.

**Keywords:** *Self-sufficient Seeds Village Program, Implementation Program, Evaluation of program.*