

Uji Efektivitas Teknologi SIPLo Dengan Dua Sistem Tanam Berbeda Terhadap Produksi Dan Mutu Benih Padi Gogo. *Effectiveness Test of SIPLo Tecnology With Two Different Cropping Systems on The Production and Seed Quality of Upland Rice .* **Supervised by: Ir. Sri Rahayu, MP and Ir. Suharjono, MP.**

Arie Septtian Maulana
Seed Production Techniques Study Program
Agriculture Production Department

ABSTRACT

*The study was aimed at observing the application of SIPLo technology with diffrent cropping systems on the production and seed quality of upland rice . The reseach was conducted at the Padukuan Tegal Asri, Bondowoso District October – February 2016. The design used was Randomized Complete Block Design (RCBD) 2 Factorial with 4 combination treatments and 6 replications. The first factor was Non SIPLo Aplication (S1), and SIPLo Aplication (S2). The second factor was Cropping Blog System (T1) and Jajar Legowo 2:1 Cropping System (T2). The result showed application SIPLo technology with different cropping system was not significant (ns) on saveral parameter but on the parameters plant heigh, number of tillers, productive tillers, and production / hectare application SIPLo technology with cropping system was a significant influence (**). Interaction between application SIPLo technology with cropping system was highly significant effect on the parameters number of grain and production /hectare. The result showed for seed quality application SIPLo technologi with different cropping system was not significant effect (ns) on all parameters of seed quality test.*

Key words : *SIPLo Technolgy, Cropping System, Seed Production, Seed Quality*