

**STUDI KOMPARATIF USAHATANI ANTARA SISTEM TANAM PADI
JAJAR LEGOWO DAN SISTEM TANAM PADI KONVENSIONAL
DI DESA SIDOAGUNG KECAMATAN GODEAN
KABUPATEN SLEMAN**

***A COMPARATIVE STUDY OF FARMING WITH JAJAR LEGOWO CROP
SYSTEM AND CONVENTIONAL CROP SYSTEM AT SIDOAGUNG
VILLAGE, GODEAN SUB-DISTRICT, SLEMAN REGENCY***

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ABSTRACT

This research aimed to figure out the comparison of cost, income, and profit as well as to assess the feasibility of farming using jajar legowo and conventional crop system seen from R/C ratio, land productivity, labor productivity and capital productivity. The sample used in this research was farming using jajar legowo and conventional crop system in 2014. The location of this research was determined purposively and the farmers were chosen using simple random sampling and census from 3 farming groups that were Sumber Makmur farming group (10 farmers using jajar legowo system and 10 farmers using conventional system), Tri Makmur farming group (10 farmers using jajar legowo system and 10 farmers using conventional system), and Sido Kumpul farming group (10 farmers using jajar legowo system and 10 farmers using conventional system) at Sidoagung Village, Godean Sub-district, Sleman Regency. The method applied in this research was descriptive analysis. Based on the result of the research it was found out that income and profit from farming using conventional crop system was higher than the income and profit from farming using jajar legowo system. The income from farming using conventional was Rp 4.439.821 and the profit was Rp 3.259.780. The income from farming using jajar legowo was Rp 3.954.527 and the profit was Rp 2.813.783. The land productivity of farming using conventional crop system was Rp 1.497, labor productivity was Rp 483.383, and capital productivity was 173%. The land productivity of farming using jajar legowo crop system was Rp 1.319, labor productivity was Rp 483.033, and capital productivity was 109%. The R/C value of farming with conventional crop system was 2.05 and the R/C value of farming with ajar legowo crop system was 1.74. Therefore, it could be concluded that based on productivity value and R/C ratio, the conventional crop system was more feasible to be implemented than jajar legowo crop system.

Keywords : Farming, Cost, Income, Productivity