

**EFFECT OF RABBIT, GOAT AND SHEEP MANURE TO INTEGRATED
DRY FARMING SYSTEM ON OXISOLS SUKABUMI, WEST JAVA,
INDONESIA**

SULYA DJAKA SUTAMI, HIDAYAT SALIM AND NINING HEVARNINGSIH
Department of Soil Science, Faculty of Agriculture,
Padjadjarain Univ. Bandung, Indonesia

ABSTRACT

Field experiment was carried out to evaluate the effect of rabbit, goat and sheep manure on yield Rice, Corn and Peanut on various cropping system on Oxisols Sukabumi.

There were three rates of live stock manure and three types of cropping system tested. Three rates of live stock manure were 0, 10, 20 and 30 ton/ha and three type of cropping system were single corn, corn-peanut, upland rice - corn, and single peanut.

The result indicated that the application of live stock manure had significant effect on available phosphate, cation exchangeable capacity of soil and increased yield of various cropping systems.

The corn - peanut cropping system with the application of 30 ton/ha of goat manure gave the highest crop yield and the highest profit was obtained.