

RESEARCH NOTE

EFFECT OF ESTROGEN IN THE ELIMINATION OF SEXUAL ODOR IN BOARS

An experiment is being conducted at Lajas Substation, Agricultural Experiment Station, University of Puerto Rico, to determine the dosage of diethylstilbestrol implants and E.C.P. (Upjohn) that will eliminate the sexual odor in weanling (56-day-old) and mature boars.

The jowls have been used for the diethylstilbestrol implants and the ham for the E.C.P. injections. We have been using 96, 144, and 192 mg. of diethylstilbestrol implants and 9.6, 14.4, and 19.6 mg. of E.C.P. in weanling boars. The dosage is always divided and applied in two different sites.

A trained panel from the Food Technology Laboratory has been conducting the tests for detection of the sexual odor. Results so far indicate that 96 and 144 mg. of diethylstilbestrol implants and 9.6 and 14.4 mg. of E.C.P. eliminate the sexual odor in weanling boars.

Further studies, using the 96-mg. level, will be conducted to determine estrogen residue, carcass quality, rapidity of gain and feed conversion.

Gilberto Rosado Carbó

José D. Rivera Anaya

Abdul R. Rahman

Ismael Carlo

Carlos M. Berrocal

Department of Animal Husbandry