ABSTRACT.

A brief description of methods of growing rice, and its botany is given. The use and mode of action of selective herbicides, and a description of D.N.B.P. and Amizol are given. A resume is given of previous work done at I.C.T.A. on post-emergent spraying of rice.

The calibration of the Oxford Precision Sprayer is described.

Experiments on the effects of D.N.B.P. on the growth rate, tillering and yield, and root system of rice are described.

Experiments on the mortality effect of Amizol on rice are described.

Recommendations on further work on D.N.B.P. and Amizol on rice are made.