

ABSTRACT.

(1) A series of preliminary trials have been carried out using the chemical M.C.P.B. (2-methyl 4-chloro phenoxy butyric acid) both pre- and post-emergence to determine the tolerance of a range of tropical crops.

(2) Determination of the tolerance of various crops to:

(a) 2-chloro NN diethyl acetamide,

and

(b) 2-chloro allyl diethyl di-thio-carbamate.

(3) Tolerance of certain arable weeds to the above chemicals was studied.