



MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE

Recommendation Sheet No. 68*
(April 1992)

WEED CONTROL IN POTATO PLANTATIONS

Two herbicides, namely Sencor and Linuron, are being used in potato. A series of trials laid down during the past two years have revealed that two other herbicides, Igran Combi and Galex can also be used now. All four herbicides are also selective to sugar cane so that they can be safely applied whether potato is planted in full stand or in cane interrows.

The recommendations are as follows:

1. **In pre-emergence of potato**, one of the following treatments can be used:

Sencor @ 1.0 kg a.l/ha

Linuron @ 2.0 kg a.l/ha

Igran Combi @ 1.5 kg a.l/ha

Galex @ 3.0 kg a.l/ha

If young weeds are present at the time of spraying,

Gramoxone (paraquat) @ 750 ml/ha

should be added to the pre-emergence treatment.

2. **In post-emergence of potato**

The only herbicide that can be applied is Sencor as in 1, provided that the potato plants have not reached 10 cm in height.

3. **In the intercropping situation**, a different herbicide treatment, e.g one of those given below, might be used in the cane row, to improve weed control there:

Diuron @ 4.0 kg a.l/ha

Goal + Diuron @ (0.5 + 2.0) kg a.l/ha

Earthing-up in potato should be carried out not earlier than 5-6 weeks after planting, because the soil disturbance caused by this operation will practically eliminate the efficacy of these herbicide treatments.

*This Recommendation Sheet cancels No. 15 of July 1981