FIG(1:1) SHOWING POSITION OF STUDY AREA IN NORTHERN BUNDELKHAND REGION
FIG (12-A-C) MONTHLY CLIMATIC CONDITIONS DURING 1984 - 1985 AT DAKOR BLOCK REGION
Fig. 2.1 Seasonal variations in percentage frequency and density of M.emarginatae in different crop fields of different soils.

- x-x - frequency
- x-x - density
- o-o - f
- o-o - d

Parua soil
Black cotton soil
FIG 5: PERCENTAGE GERMINATION OF CROP SEEDS IN DIFFERENT PLANT PART LEACHATES OF

STEM A1 RICE A2 SUGAR CANE
LEAF A1 WHEAT A2 SUGAR CANE
ROOT A1 OAT A2 SUGAR CANE

A3 CONTROL
Fig 3-2 Growth of crop seedlings in different plant part leachates of M. emarginata.

- A - Rice = A2
- B - Jwar = B2
- C - Wheat = C2

STEM -> LEAF -> ROOT

4 TIME INTERVALS
A
B
C
A2
B2
C2
A3
B3
C3

1:0
1:10
1:50
1:100
1:250
1:CONTROL
Fig 6.1 Percentage Reduction of Plumule and Radicle of M. E. Herrimata

2.4-D
2.4-D + 2.4-D
3:1 of 2.4-D and 2.4-D
Plate 1: Habit of *H. martinsii*.

Plate 2: Shape and size of *H. martinsii* seeds.
Plate - 3 : Percentage germination of *H. amarantus*
seeds under sulphuric acid treatment.

Plate - 4 : Growth plumule and radicle of rice seedlings in leaf extract of *H. amarantus*. 
Plate 5: Growth of plumule and radicle of rice seedlings in stem extract of *H.annuiflora*.

Plate 6: Growth of plumule and radicle of rice seedlings in root extract of *H.annuiflora*. 


Plate 7: Growth of plumule and radicle of jwär seedlings in leaf extract of H. annuissima.

Plate 8: Growth of plumule and radicle of jwär seedlings in stem extract of H. annuissima.
Plate - 9: Growth of plumule and radicle of jwar seedlings in root extract of *H. armata*.

Plate - 10: Growth of plumule and radicle of wheat seedlings in leaf extract of *H. armata*. 
Plate - 11: Growth of plumule and radicle of wheat seedlings in stem extract of H. amarinata.

Plate - 12: Growth of plumule and radicle of wheat seedlings in root extract of H. amarinata.