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Explanation of Plates

Plate 4.1: A mature plant of *C. benghalensis*

4.2: *C. benghalensis* plant showing oleistogamous branches
Explanations of Plate

3A = Above ground fruits

4b = Below ground fruits

4: A = Large seeds of aboveground fruits

B = Small seeds of above ground fruits
Explanation of Plate

A = Large seeds of below ground fruits.
B = Small seeds of below ground fruits.

Growth performance of C. benghalensis in relation to irrigation intervals.
1 = Daily irrigated, 2 = One day interval
3 = Two days interval, 4 = Three days interval
5 = Four days interval, 6 = Five days interval
Explanation of Plate

Plate 4.7: Growth performance of *G. benghalensis* under different conditions.

a = Soil types

1 = Garden soil, 2 = Black cotton, 3 = Red sand
4 = Red soil, 5 = Black sand.

4.6: Depth of seed burial

1 = Surface, 2 = 2 cm, 3 = 4 cm, 4 = 6 cm
Explaination of Plate

Plate 4.9: Growth performance of nodes

1 = First, 2 = Second, 3 = Third, 4 = Fourth

5.1: C. benghalensis, after hand weeding in crop fields.
Explanation of Plate

1 = Seedlings of groundnut from seeds, treated with stem inhibitor.

2 = Seedlings of maize from seeds, treated with stem inhibitor.
explanation of Plate

A = Seedlings of groundnut from seeds, treated with leaf inhibitor

B = Seedlings of maize from seeds, treated with leaf inhibitor.
Explanation of Plate

Plate 5.4:  A = Seedlings of groundnut from seeds, treated with seed inhibitor

B = Seedlings of maize from seeds, treated with seed inhibitor
Explanation of Plate

1 = Control

2 = Maize plant treated with leaf inhibitor

1 = Control

2 = Groundnut plant treated with leaf inhibitor
Explanation of Plate

6.1: Effect of EPTC on seeds of *C. benghalensis*

6.2: Effect of Lasso on seeds of *C. benghalensis*
Explanation of Plates

6.3 A: Effect of Lasso on groundnut crop.

1 = Control, 2 = 100 ppm, 3 = 250 ppm, 4 = 500 ppm.

6.3 B: Effect of Lasso on maize crop.

1 = control, 2 = 100 ppm, 3 = 250 ppm, 4 = 500 ppm.
Explanation of Plate

A = Effect of EPTC on groundnut crop.
1 = Control, 2 = 100 ppm, 3 = 250 ppm, 4 = 500 ppm

B = Effect of EPTC on maize crop.
1 = Control, 2 = 100 ppm, 3 = 250 ppm, 4 = 500 ppm
Explanation of Plate

Plate 6.5:  A = Seedlings of *C. benghalensis* from seeds, treated with MCPA

B = Seedlings of *C. benghalensis* from seeds, treated with MCPA
Explanation of Plate

A = Seedlings of *Q. benghalensis* from seeds, treated with MCPB

B = Seedlings of *Q. benghalensis* from seeds, treated with MCPB
Explanation of Plate

A = Seedlings of *C. benghalensis* from seeds,
treated with Tafazine.

B = Seedlings of *C. benghalensis* from seeds,
treated with Tafazine.
Explanation of Plate

Plate 6.8: *G. benghalensis* plants sprayed with MCPA
1 = Control, 2 = 500 ppm, 3 = 250 ppm, 4 = 100 ppm
5 = 50 ppm

Plate 6.9: *G. benghalensis* plants sprayed with MCPB
1 = Control, 2 = 500 ppm, 3 = 250 ppm, 4 = 100 ppm
5 = 50 ppm
Explanation of Plate

Plate 6.10: *C. benghalensis* plants sprayed with Tafa

1 = Control, 2 = 1500 ppm, 3 = 1000 ppm,
4 = 500 ppm, 5 = 250 ppm

6.11: *C. benghalensis* and other weeds in maize
Explanation of Plate

Plate 7.1: Effect of Tafazine on avena coleoptiles

7.2: Effect of MCPA on avena coleoptiles

7.3: Effect of MCPB on avena coleoptiles
Explanation of Plate

Plate 7.4: Effect of EPTC on avena coleoptiles

7.5: Effect of Lasso on avena coleoptiles
Explanation of Plate

Plate 6.1: A=groundnut crop with *G. benghalensis*

B=Groundnut without *G. benghalensis*
Explanation of Plate

Plate 8.2:  

A = Maize crop with *C. benghalensis*

B = Maize crop without *C. benghalensis*
Explanation of Plate

Plate 8.3:  
A = Groundnut pods from weeded field  
B = Maize corn from weeded field.
Explanation of Plate

Plate 8.4: 1 = Maize corn from weeded field
           2 = Maize corn from unweeded field

Plate 8.5: 1 = Maize plant with *G. benghalensis*
           2 = Maize plant without *G. benghalensis*

Plate 8.6: 1 = Groundnut plant with *G. benghalensis*
           2 = Groundnut plant without *G. benghalensis*