LIST OF PLATES

A. PLATE NO. 1
STAGES OF EMBRYOGENESIS OF CHILO PARTELLUS

Fig. 1: Freshly laid egg mass
Fig. 2: Fourth day eggs, pale brown colour
Fig. 3: Fifth day eggs, brown colour
Fig. 4: Eggs before hatching, dark black colour.

B. PLATE NO. 2
LARVAL DEVELOPMENT OF CHILO PARTELLUS

Fig. 1: Third instar larvae entering into maize stem
Fig. 2: Feeding larvae showing elongated tunnel in maize stem

C. PLATE NO. 3
METAMORPHOSIS OF CHILO PARTELLUS

Fig. 1: Fifth day pupae inside the maize stem
Fig. 2: Pupae of various developmental stages

D. PLATE NO. 4
ADULTS AND LIFE CYCLE OF CHILO PARTELLUS

Fig. 1: Adults: 1) Male 2) Female 3) Mating
Fig. 2: Life cycle of Chilo partellus

E. PLATE NO. 5

Fig. 1: Infested and normal maize plants
Fig. 2: Visit to the maize improvement project Centre, Bawada, Kolhapur.

F. PLATE NO. 6

Thin layer chromatography showing hydrolysis products of Triglycerides by larval lipase of Chilo partellus.