Managing and Controlling Maize Pests and Diseases

Maize Lethal Necrosis Disease (MLND)

**Spread**
- Insect vectors: thrips, leaf hoppers and aphids
- Infected soil and plant
- Debris
- Garden tools
- Through infected seed

**Prevention and control**
- Planting resistant seed varieties
- Burning infected crop residue
- Rotating with non-cereal crops
- Proper weeding and field sanitation

**Gray Leaf Spot (GLS)**

**Spread**
- By wind
- Infected maize materials
- Minimum tillage practices

**Prevention and control**
- Planting resistant seed varieties
- Burning infected crop residue
- Proper weeding and field sanitation
- Rotating with non-cereal crops

**Turcicum Leaf Blight (TLB)**

**Spread**
- By wind
- Infected maize materials

**Prevention and control**
- Planting resistant seed varieties
- Burning infected crop residue
- Rotating with non-cereal crops
- Proper weeding and field sanitation

**Fall Armyworm (FAW)**

**Spread**
- Infected farm materials
- Moths flying to other maize gardens

**Prevention and control**
- Rotating with non-cereal crops
- Burning infected crop residue
- Deep ploughing and burial of infected material
- Proper weeding and field sanitation

Spraying: MLND itself cannot be controlled using chemicals, but insect vectors that spread it can be. Ask expert advice on how and when to spray.

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Certified seed

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Ear rots (Aspergillus, Fusarium & Stenocarpella)

**Spread**
- By wind
- Infected maize materials
- Infected seeds
- Rain water

**Prevention and control**
- Planting resistant seed varieties
- Burning infected crop residue
- Proper weeding and field sanitation
- rotating with non-cereal crops

- Proper drying and grain storage

- Burning infected crop residue

- Rotating with non-cereal crops

With support from

THE WORLD BANK

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MANGO TREE
Illustrated and designed by CABI