



SYSTEMIC



- ⇒ Occurs when seedlings are infected through the roots
- ⇒ Plants usually die resulting in reduced plant stands and blank spots in the field



SYMPTOMS



- ⇒ Thickening and yellowing of cotyledons or true leaves
- ⇒ Chlorosis on leaves
- ⇒ White cottony masses on under side of leaves
- ⇒ Dwarf plants



MANAGEMENT TOOLS

- ⇒ Select varieties with downy mildew resistance. However, due to the development of new races, resistance may not be a sufficient management tool in all fields.
- ⇒ Seed treatment: fungicide seed treatment can be an effective management tool.
- ⇒ Control weed hosts: wild and volunteer sunflower can act as hosts for the pathogen, and elimination can reduce the inoculum effectively.