### Onion purple blotch

**Alternaria porri**

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| - Practice a three year rotation with non-host plants such as millet and sorghum | - Look out for:  
  - Small white lesions on the leaves or stalks developing into elliptical (Oval) purplish areas  
  - Wilting of the leaves leading to death  
  - Yellowed and collapsed leaves 3-4 weeks after attack  
  - Yellow to reddish watery rot at the neck of the bulb  | - Remove infected plants parts and dispose by burning  
  - Stop irrigating the crop as harvest time approaches  
  - Sort and cure the bulbs to separate infected and the non-infected onions. Store in dry aerated stores  | - Routinely spray with Mancozeb based products such as Dithane M45 WP, Sancozeb 80wp at the rate of 50g in 20L of water.  
  - FRAC Code M3  | - WHO class U (Unlikely to present acute hazard in normal use)  
  - Repeat spray after every 14 days. 3-4 sprays are adequate per season  
  - PHI 7 days  |
| - Plant crop in areas with a temperature range of 18-30°C.  
- Avoid planting during wet conditions which favour disease development  
- Plant tolerant varieties such as, Bombay Red, Red Creole or Red Comet F1  
- Plant using certified seeds from reliable stockists  
- During land preparation remove weeds especially those of the Allium family such as wild onion  | - Propineb 70%+Cymoxanil 6% based products such as Miraz WP 76at a rate of 40-50ml in 20L)  
  - FRAC Code M3  | - Propineb: WHO class U (Unlikely to cause harm in normal use)  
  - Cymoxanil: WHO class III (Slightly hazardous)  
  - PHI 7 days  
  - Repeat spray after every 14 days. 3-4 sprays are adequate per season  |

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**Kenya**

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