

# Onion purple blotch

*Alternaria porri*

	Prevention	Monitoring	Direct Control	Direct Control	Restrictions
 <p>Small white to yellowish sunken spots on the leaves. (Photo courtesy of M.Morales, Cornell University)</p>  <p>Purple sunken spots on affected crop (Photo by...)</p>	<ul style="list-style-type: none"> <li>Practice a three year rotation with non-host plants such as millet and sorghum</li> <li>Plant crop in areas with a temperature range of 18-30°C,</li> <li>Avoid planting during wet conditions which favour disease development</li> <li>Plant tolerant varieties such as, Bombay Red, Red Creole or Red Comet F1</li> <li>Plant using certified seeds from reliable stockists</li> <li>During land preparation remove weeds especially those of the Allium family such as wild onion</li> </ul>	<ul style="list-style-type: none"> <li>Look out for:                             <ul style="list-style-type: none"> <li>Small white lesions on the leaves or stalks developing into elliptical (Oval) purplish areas</li> <li>Wilting of the leaves leading to death</li> <li>Yellowed and collapsed leaves 3-4 weeks after attack</li> <li>Yellow to reddish watery rot at the neck of the bulb</li> </ul> </li> <li>-Start remedial measures immediately after the first signs appear.</li> </ul>	<ul style="list-style-type: none"> <li>Remove infected plants parts and dispose by burning</li> <li>Stop irrigating the crop as harvest time approaches</li> <li>Sort and cure the bulbs to separate infected and the non-infected onions. Store in dry aerated stores</li> </ul>	<ul style="list-style-type: none"> <li>Routinely spray with Mancozeb based products such as Dithane M45 WP, Sancozeb 80wp at the rate of 50g in 20L of water.</li> <li>FRAC Code M3</li> </ul>	<ul style="list-style-type: none"> <li>WHO class U (Unlikely to present acute hazard in normal use)</li> <li>Repeat spray after every 14 days. 3-4 sprays are adequate per season</li> <li>PHI 7 days</li> </ul>
				<ul style="list-style-type: none"> <li>Propineb 70%+Cymoxanil 6% based products such as Milraz WP 76at a rate of 40-50ml in 20L)</li> <li>FRAC Code M3</li> </ul>	<ul style="list-style-type: none"> <li>Propineb: WHO class U (Unlikely to cause harm in normal use)</li> <li>Cymoxanil: WHO class III (Slightly hazardous)</li> <li>PHI 7 days</li> <li>Repeat spray after every 14 days.3-4 sprays are adequate per season</li> </ul>
				<ul style="list-style-type: none"> <li>When using a pesticide (even a botanical home-brew), always wear protective clothing. Follow the instructions on the product label, such as dosage, timing of application, pre-harvest interval, max number of sprays, restricted re-entry interval. Do not empty into drains.</li> <li>Always consult recent list of registered pesticides (PCPB)</li> </ul>	

## Kenya

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