

Black rot on cabbage

Xanthomonas campestris pv. campestris

	Prevention	Monitoring	Direct Control	Direct Control	Restrictions
Aield heavily infested by blackrot in Nakuru North, (Photo: Rose Kamau, MoA Kenya)	 Use certified tolerant varieties like Baraka F1, Globe Master F1, Blue dynasty FI, Riana F1. Rotate with non-brassicas like maize and legumes for at least 2 years. Keep field free from weeds to avoid alternate host of brassica family. 	 Monitor for Yellow, brown v-shaped patches at the edge of the leaves. If the yellow/black lesion is held against the light, black veins are visible. A cross section of infected stem that reveals a black ring. In later stages, head turns black with an offensive foul smell. Disease is common during wet conditions with high temperatures. Take immediate action when first symptoms appear. 	 Remove all infected plant and debris from the field and destroy by burning. Spray the remaining plants using a protective fungicide to supress further damage. (See direct control yellow option) 	 Spray copper based fungicide as a protective spray e.g. copper oxy chloride. (Kocide or Isacop) 	 Moderately hazardous (WHO Class II). Spray interval of 14 days during wet weather. Use a maximum of 3 sprays. Wear protective clothing. Follow instructions as per manufacturer. recommendation on pre- harvest interval.



Kenya

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