

Anthracnose on pepper

Colletotrichum acutatum



Large, sunken anthracnose lesion on a bell pepper showing characteristic concentric circles (Thaddeus Peters, Ministry of Agriculture, Grenada)

Prevention	Monitoring	Direct Control	Direct Control	Restrictions
<ul style="list-style-type: none"> When planting use certified seed or disease free seedlings The seeds can be treated to reduce the chance of disease by soaking in hot water (50°C) for 30 minutes before planting If the disease is present in the field peppers should be rotated with crops other than tomatoes, eggplants or potatoes for at least three years If irrigation is used only water in the morning so the plant can dry before nightfall 	<ul style="list-style-type: none"> Scout the field once a week checking for symptoms on the leaves and fruits Symptoms on the fruits appear as circular dark sunken lesions with concentric rings on the immature and mature fruit Lesions can also be seen on the stems and leaves as irregularly shaped brown spots with dark edges Consider carrying out early control when more than one lesion is seen on any individual plant 	<ul style="list-style-type: none"> Remove any diseased plants and fruits from the field and either bury or burn them 	<ul style="list-style-type: none"> When using a pesticide or botanical, always wear protective clothing and follow the instructions on the product label Do not use chemicals with the same mode of action year after year as this can lead to resistance Always consult the most recent list of registered pesticides Apply Mancozeb (Ivory 80 WP, Foko 80% WP or Foko Super 80% WP) as a protectant fungicide at a rate of 100-150g per 16 litre knapsack sprayer Protectant fungicide with a multi-site mode of action (FRAC group M3) 	<ul style="list-style-type: none"> WHO Class III (Slightly hazardous) Timing: apply when the plants start to flower or when conditions are favourable for the disease (wet and warm). Spray maximum of 3 times per season PHI: A pre-harvest interval of 14 days should be observed. REI: Avoid entry into the field 2 days after application



Ghana

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