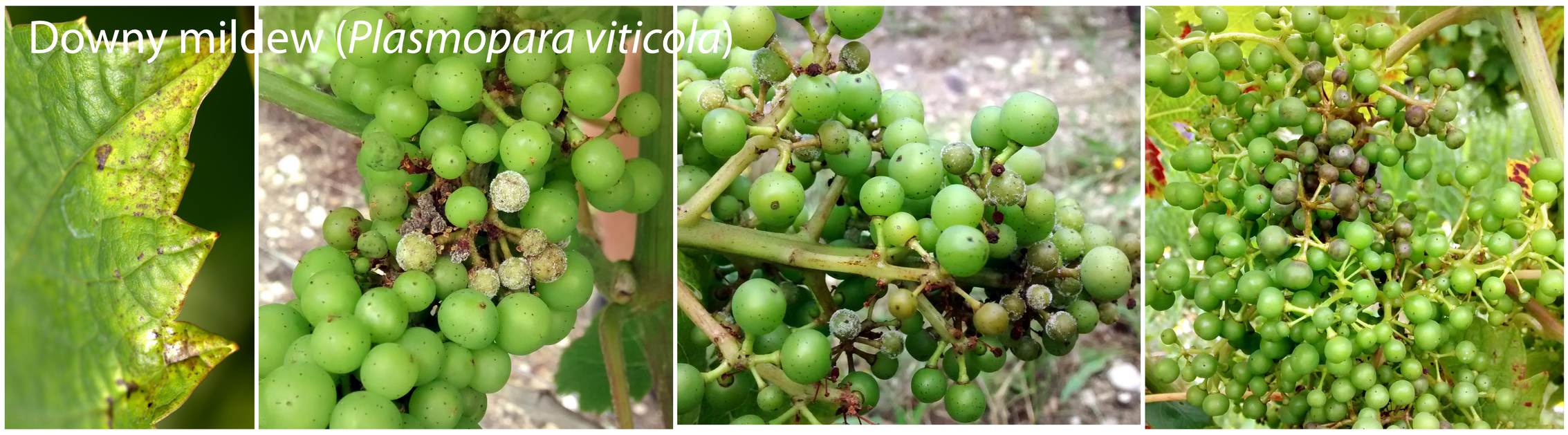
OSCAR - Deployment of Resistance Varieties Observatory

Identify anthracnose, downy mildew and black rot on clusters

Symptoms that we rarely expect to recognise appear in resistant grape variety plots. This sheet summarises the characteristic symptoms of anthracnose, mildew and black rot on clusters of resistant varieties.

► Small spots measuring a few millimetres on leaves, usually along the nerves, with occasional limb distortion. Necrosis of tissues, the leaf has a shot hole appearance. ►Early attack on inflorescences possible with scorching. ►Concave, brown-black, circular spots on berries becoming paler at the centre. Called “bird's eye”.



►Usually fairly compact necrotic spots on leaves. ►Several types of symptom on berries according to varieties and resistance levels. ►Characteristic white sporulations more or less significant and localised. ►Greyish, blackish colouring, no sporulation.

► On leaves, circular spots of up to a centimetre, grey-brown then brown edged with black, clearly visible pycnides. ► Attack starts on pale brown berry then extends concentrically. ►Scorching of the berry, mummification, characteristic black colour. ►Berries sprinkled with pycnides. ►Symptoms can spread and destroy a large part of the harvest.

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See also: http://ephytia.inra.fr

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