

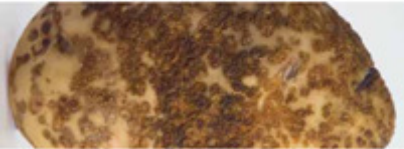
The Handbook of Pests and Diseases for New Zealand Potato Growers was published by the Potato Product Group in July 2007. It includes information on the identification and transmission of over fifty major pests and diseases, as well as notes on key exotic pests. The handbook is illustrated with large full colour photos, is fully laminated for use in the paddock, and comes with a magnifier to help with pest and disease identification.

Powdery scab (*Spongospora subterranea*)


Symptoms:
The powdery scab pathogen attacks roots, stolons, young shoots, and tubers. It may first be noticed when it causes cream to dark brown galls on potato roots, but is more commonly recognised when tan coloured pimple-like swellings develop on tubers. These gradually develop into lesions with frayed edges of scabby, upturned skin that may reach 20 mm across and can be filled with greenish powdery spores. Skin may grow under the lesion causing the lesion to drop off, leaving a small depression. Powdery scab can continue to develop on tubers in storage, causing tubers to shrivel and dry up.

Transmission:
The powdery scab pathogen may be introduced on infected seed potatoes but is also soil-borne and can survive in the field for ten or more years.


Notes:
Powdery scab is most prevalent under cool, moist growing conditions, and is often associated with poorly drained soils. Sometimes there may be difficulty differentiating common scab from powdery scab, so if you are unsure seek a professional diagnosis.



A severe example of powdery scab symptoms on a potato tuber.
Image courtesy of Robert Lambert, Crop & Food Research.



Close up of powdery scab symptoms on potato tuber skin.
Image copyright Denis Graefnd - Graphic Science, Australia.



Powdery scab symptoms on a potato tuber.
Image courtesy of Robert Lambert, Crop & Food Research.

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Handbook of Pests and Diseases for New Zealand Potato Growers



Please send me copies of the Potato Product Group's Handbook of Pests and Diseases for New Zealand Potato Growers at \$25 plus GST (\$28.13 incl GST) per copy.

My cheque for \$ is enclosed.

Name: _____

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