

National requirements

Efficacy:

Guideline Requirements for Irish based trials on wet weather fungal diseases for Efficacy Submissions in the Biological Dossier to PRCD in relation to the authorisation of a PPP.

1. “Wet weather” fungal diseases such as *Stagonospora nodorum* (*Septoria nodorum*), *Zymoseptoria tritici* (*Septoria* leaf spot), Leaf scald (*Rhynchosporium secalis*), in cereals and late blight (*Phytophthora infestans*) in potatoes, should be supported by a minimum of 4 acceptable effectiveness trials, conducted over at least 2 years under Irish weather conditions. For the above wet weather cereal diseases the trials should be carried out in high disease pressure situations in IE.

Potato trials should be sited in potato growing areas and where weather conditions are normally conducive to spread of late blight (*Phytophthora infestans*) and high disease pressure situations. A maximum of 2 of the above 4 potato effectiveness trials could be acceptable from a potato growing area with similar weather conditions i.e. the West of Scotland or Northern Ireland.

2. In the case of the barley diseases Ramularia leaf spot (*Ramularia collo-cygni*) and Net blotch (*Pyrenophora teres*), these should also be supported by a minimum of 4 acceptable effectiveness trials, conducted over at least 2 years carried out in wet weather conditions. For Ramularia leaf spot a maximum of 2 of the above 4 effectiveness trials could be acceptable from high Ramularia disease sites elsewhere in the EPPO Maritime zone. However for Net blotch the 4 trials can be from high disease pressure sites in IE and/or elsewhere in the EPPO Maritime zone.

These effectiveness trials can form part of the fully supportive results specified as per EPPO standard PP 1/226(2) on Number of Efficacy trials. For example for a major pest on a major crop 10 (range 6 to 15) fully supportive results are required.

3. For Fusarium ear blight disease and seed treatments for the control of *Fusarium spp.*, *Microdochium nivale*, *Microdochium majus* and foliar infections of *Pyrenophora spp.* in cereals at least two acceptable effectiveness trials conducted over at least 2 years are required in high disease pressure situations in IE.

These effectiveness trials can form part of the fully supportive results specified as per EPPO standard PP 1/226(2) on Number of Efficacy trials.

IE based efficacy trials on wet weather fungal diseases for biological submissions supporting authorisations of plant protection products.

Wet Weather Crops/Diseases table

Crops	Diseases
Wheat	Septoria leaf spot (<i>Zymoseptoria tritici</i>)
Wheat	Leaf & Glume blotch (<i>Stagonospora nodorum</i>)
Wheat/Barley	Ear (head) blight, Foot rot & Seedling blight (<i>Fusarium spp.</i> , <i>Microdochium nivale</i> & <i>Microdochium majus</i>)
Barley	Rhynchosporium [Leaf scald] (<i>Rhynchosporium secalis</i>)
Barley	Net blotch (<i>Pyrenophora teres</i>) [treatments to control foliar infections]
Barley	Ramularia leaf spot (<i>Ramularia collo-cygni</i>)
Potato	Late blight (<i>Phytophthora infestans</i>)
Amenity grass [e.g. golf courses & bowling greens]	Fusarium patch (<i>Microdochium nivale</i>)