



i-nnovation in Seed Protection



- Control of the principal seed-borne diseases of wheat and barley
- Combines ipconazole with imazalil for enhanced protection
- Innovative formulation provides class-leading benefits



Rancona i-MIX is a contact and systemic fungicide seed treatment containing ipconazole and imazilil in micro-emulsion (ME) formulation.

It gives both protectant and curative activity for winter and spring wheat and barley, protecting health and improving crop establishment. Rancona i-MIX offers excellent safety to the seed and gives highly uniform seed coverage.

CONTROL OF **SEED** AND **SOIL- BORNE** DISEASES

Seedling Blight (*Fusarium spp* and *Microdochium nivale*)
Snow Mold (*Microdochium nivale*)



Bunt
(*Tilletia caries*)



Loose smut
(*Ustilago nuda*)



Leaf stripe
(*Pyrenophora graminea*)



Ergot*
(*Claviceps purpurea*)

Trial evidence suggests Rancona i-Mix reduces the germination of ergot sclerotinia in contaminated seed stock, helping to reduce the spread of spores of the causal fungus *Claviceps purpurea*.

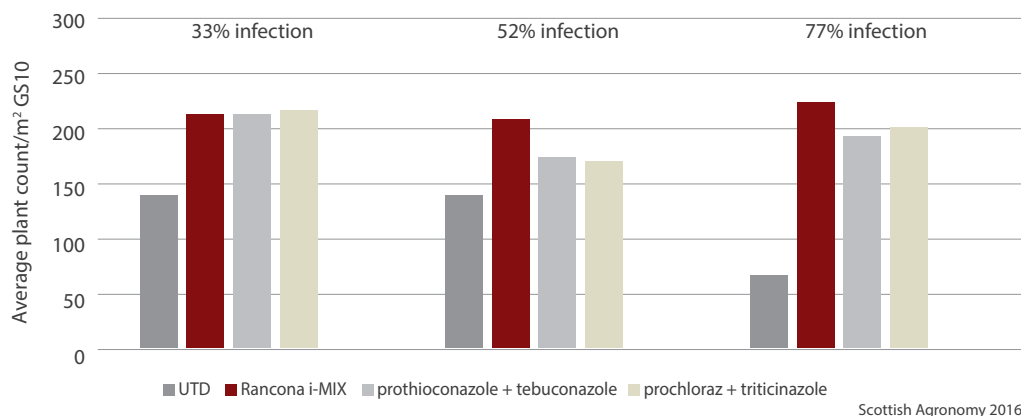
Other seed hygiene and agronomic practices should also be employed to mitigate the impact of the disease.

Rancona i-MIX controls the principal diseases of seeds and seedlings,
providing a solid foundation for the crop to achieve its maximum potential.

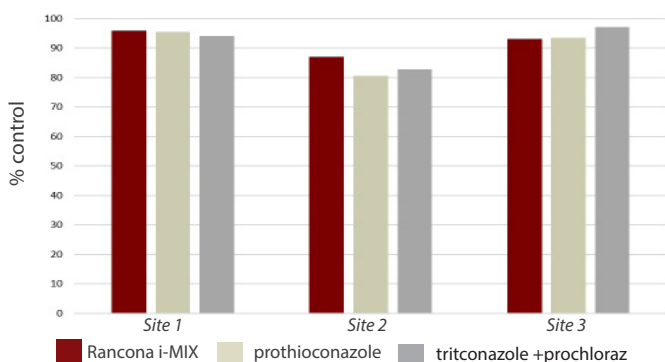


OUTSTANDING DISEASE CONTROL

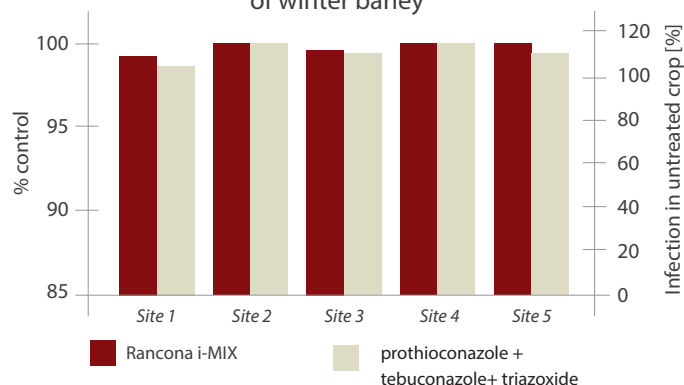
Seedling blight (*Microdochium nivale*) of winter wheat



Leaf stripe (*Pyrenophora graminea*) of winter barley

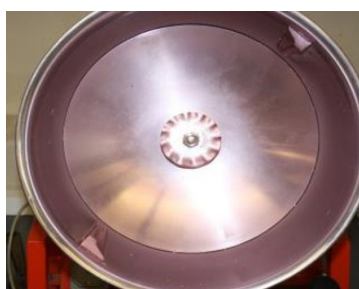


Loose smut (*Ustilago nuda*) of winter barley

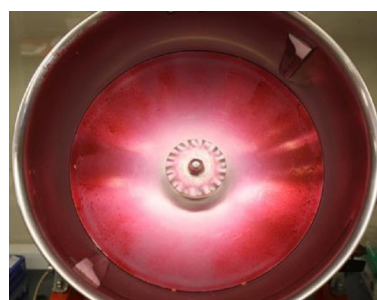


RANCONA i-MIX IS A UNIQUE FORMULATION

Rancona i-MIX is a unique Micro Emulsion (ME) formulation. Because of the tiny droplet size of this formulation, seed coverage is improved, with 125 times more surface contact. Containing no solid particles, Rancona i-MIX also exudes very low levels or often no dust, improving the safety profile for operators considerably.



ME formulation after 14 batches



SC formulation after 2 batches



SUMMARY

- Broad-spectrum seed and soil-borne disease control for wheat and barley
- Contact and systemic fungicide seed treatment
- Protects against seedling blight and foot rot, resulting in improved crop establishment
- Reduces spread of ergot*
- Novel micro-emulsion formulation
- Minimal dust
- Outstanding safety to the seed, so no delay in emergence or need to increase seed rate
- Excellent seed to seed coverage ensuring high levels of disease control
- Low active substance rate per tonne of seed

RECOMMENDATIONS

Crop	Application rate per tonne of seed
Wheat and barley	1 liter per tonne of seed



ABOUT UPL

UPL is focused on emerging as a premier global provider of total crop solutions designed to secure the world's long-term food supply.

In pursuit of our long-term vision to be a world leader in the global food network, we have launched our purpose 'OpenAg'. This stands for open-minded, win-win partnerships; broadening the space to create value across a wider food production network.

We aim to transform agriculture by creating an open network that feeds sustainable growth for all. No limits, no borders.

For more information on UPL UK & IE, visit www.upl-ltd.com/UK



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