



Vibrance Duo

Fungicidal and Bio-stimulant Seed Treatment for Cereals

Key Benefits

- + Vibrance Duo is the best technical product against seed and soil-borne diseases
- + Combination of two active ingredients
 - + Fludioxinil (fungicide)
 - + Sedaxane (fungicide and bio-stimulant)
- + It can be used in winter and spring wheat and barley and winter rye and triticale (Agrii do not support its use in spring barley)
- + Improved crop establishment across drilling dates
- + Increases competitiveness against grassweeds
- + Trials confirm that Vibrance Duo delivers an improved crop response:
 - + Higher biomass in the autumn and spring
 - + Consistent yield benefits
- + A low dust formulation
- + Compatible with all other seed treatments in the Agrii portfolio

The 'New Base-Treatment' for Cereals

Sedaxane delivers 50 g/t sedaxane and 50 g/t fludioxonil for use in winter and spring cereals.

Vibrance Duo is a combination of full rate fludioxonil plus sedaxane, an SDHI. It shows the best technical performance against seed and soil-borne disease and sets a new standard for the control of seedling blight. It also controls bunt, loose smut*, blue mould, sharp eyespot (*Rhizoctonia cerealis*) and reduces the germination of ergot.

In addition to seed and soil-borne disease, it provides consistent improvements in root and shoot bio-mass, tillering and a reduction in abiotic stress in wheat and both hybrid and conventional barley.

The combination of disease control and bio-stimulation has proven popular with growers, so much so that it has become the base-treatment of choice especially in later drill situations.

Agrii has carried out a significant number of trials at Stow Longa, a farm in the East Anglia, with very high blackgrass levels. Trials over several years have shown that Vibrance Duo along with variety choice can mitigate against the effect of blackgrass through improved competition.

Vibrance Duo has excellent crop safety and is widely compatible with all of the seed treatments on Agrii's product range.

*Vibrance Duo does not have a label claim for loose smut control in barley but Agrii trials show that it has good activity against this disease and this is supported by Syngenta.

If full control of loose smut is required (e.g. for highly infected seed) then it can be co-applied with Rancona iMix and this will also provide full retrieval against leaf stripe (e.g. for seed multiplication stocks).

Vibrance Duo should be used in the following situations

- October and later-drilled crops
- Light and more drought prone soils
- Wheat after maize - especially milling wheats
- 2nd wheat situations - no direct fungicidal effect
- Areas of high M, nivale infection e.g. Borders/Scotland
- Grassweed situations (i.e. blackgrass, ryegrass)
- To boost crop competitiveness e.g. in black-grass situations
- Barley seed multiplication crops when combined with Rancona iMix

Vibrance Duo

Fungicidal and Bio-stimulant Seed Treatment

Agri intelligence



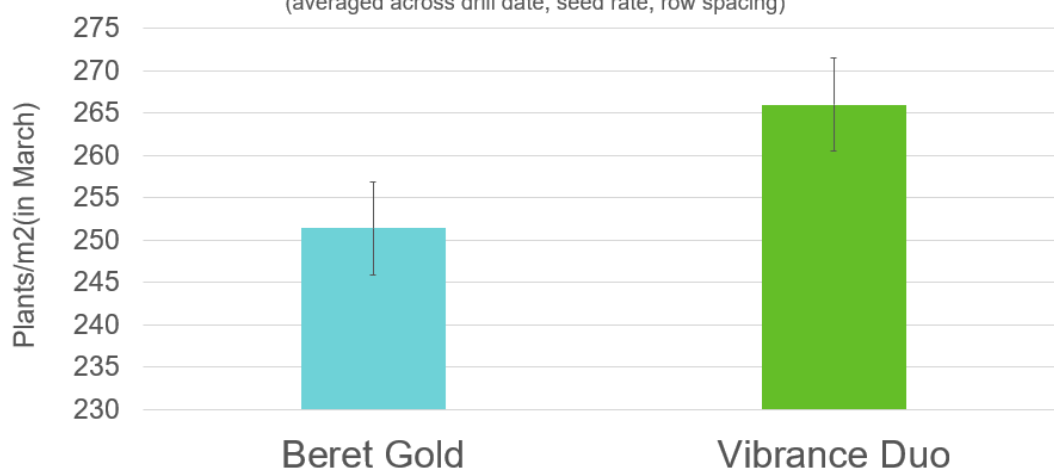
Improving Grassweed Competitiveness

- Vibrance Duo increases the % establishment across all drilling dates
- Higher plant numbers (~350 plants/m²) are required to provide optimum competition
- Higher plant numbers can be more easily achieved with Vibrance Duo
- Improved grassweed competition has a direct influence on crop yield



Influence of Vibrance Duo on % Establishment

Stow Longa - Plants/m² by Seed Treatment
(averaged across drill date, seed rate, row spacing)



Improving Yield Output

- Agrii trials show that Vibrance Duo sets the crop up better and returns a consistent yield benefit

