

# “THE VIBRANCE EFFECT” IS AVAILABLE IN WINTER & SPRING BARLEY

VIBRANCE® Duo has registration for use as a seed treatment for winter and spring barley for the control of seed-borne snow mould (*Monographella nivalis*), covered smut (*Ustilago hordei*) and moderate control of leaf stripe (*Pyrenophora graminea*) and brings excellent establishment and rooting benefits.

## SUMMARY OF VIBRANCE DUO ACTIVITY IN BARLEY

**ACTIVE INGREDIENTS:** 25 gai/l sedaxane  
25 gai/l fludioxonil

CROPS	USE RATE	TIMING
Winter Barley	2.0 l/t	1 application before planting
Spring Barley	2.0 l/t	

### CONTROL OF:

- ▶ **Seed-borne snow mould (*Monographella nivalis*)**
- ▶ **Covered smut (*Ustilago hordei*)**

### MODERATE CONTROL OF:

- ▶ **Leaf stripe (*Pyrenophora graminea*)\***

\*Barley seed treated with VIBRANCE Duo must not be used for seed multiplication (certified seed)

Loose smut control is not claimed on the VIBRANCE Duo label but trials have shown Sedaxane to have good activity.

### USE VIBRANCE DUO ON:

- Certified seed
- Farm-saved seed tested with <0.2% loose smut infection

### USE VIBRANCE DUO WITH A LOOSE SMUT ACTIVE PARTNER IN HIGH-RISK LOOSE SMUT SITUATIONS:

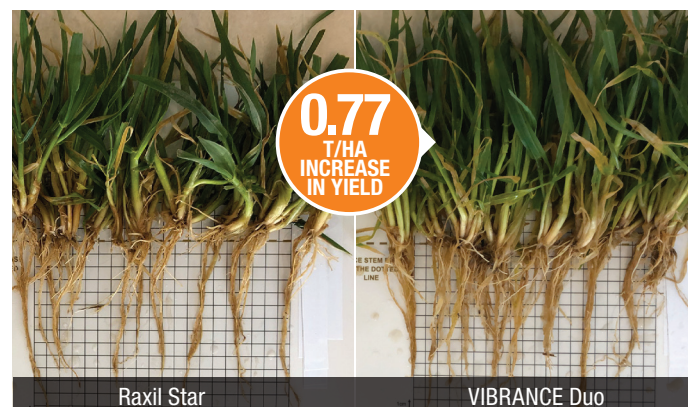
- Untested or loose smut infected farm-saved seed
- When planning to farm-save your seed

As in wheat, we have observed **excellent rooting and establishment** benefits in both winter and spring barley with VIBRANCE Duo.

### WINTER BARLEY



Shropshire, light soil, SY KINGSBARN hybrid winter barley, drilled early Oct. Assessed 2<sup>nd</sup> Mar 2021.



VIBRANCE Duo 36% increase in rooting and 65% increase in foliage over Raxil Star. Berwick, SY KINGSBARN winter barley drilled 12<sup>th</sup> Sep 2019. Assessed 19<sup>th</sup> Mar 2020.



Brandon, Suffolk sandy loam (over chalk) soil, SY THUNDERBOLT hybrid winter barley drilled 18/09/20. Picture taken 09/10/20 and rooting assessed 15/03/21.

## FUNGICIDE SEED TREATMENTS ARE A KEY FEATURE IN SUSTAINABLE FARMING

### DON'T UNDERESTIMATE THE NEED FOR A SEED TREATMENT

It is important to continue using fungicide seed dressings to control key seed and soil-borne diseases, maximise crop establishment and lay the foundations to maximise crop yield and quality.

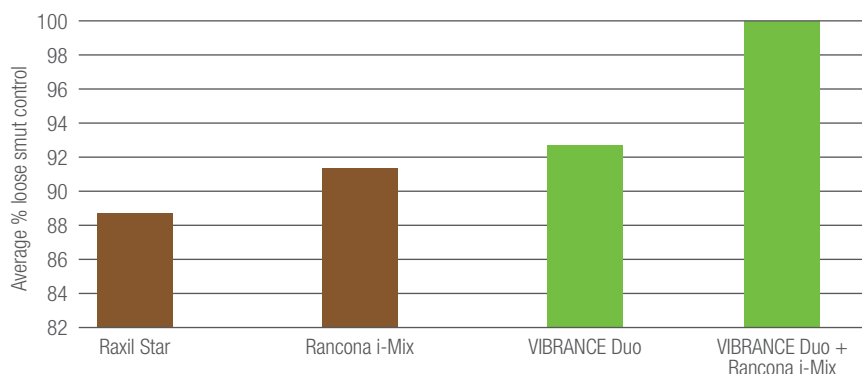
#### LOOSE SMUT

Some diseases like loose smut, aren't visible until the crop is in ear when it is then too late to treat.

Loose smut control is not claimed on the VIBRANCE Duo label but trials have shown Sedaxane to have good activity. In higher risk loose smut situations Syngenta recommend co-application with a loose smut active partner, such as Rancona i-MIX.

#### WHEN IS THE RISK OF LOOSE SMUT HIGHER?

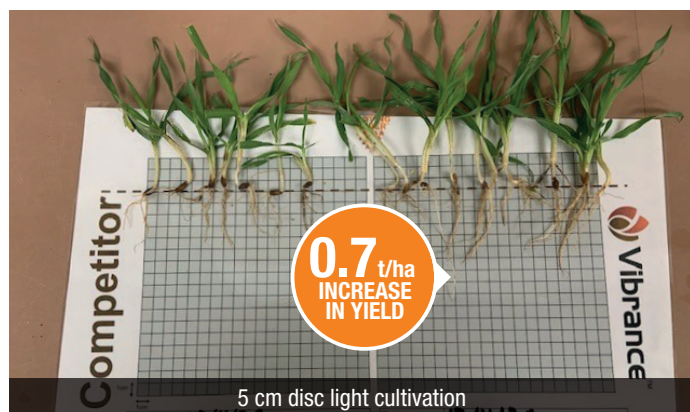
- Untested or loose smut infected farm saved seed
- When planning to farm save your seed



Average of 4 Syngenta trials. Loose smut in winter barley drilled autumn 2020.

## VIBRANCE DUO IMPROVES ESTABLISHMENT AND ROOTING ACROSS REDUCED CULTIVATIONS IN HYBRID BARLEY

Where practical, many farming systems use minimum tillage or direct drill for environmental, cost and time saving reasons. Improving establishment and rooting using VIBRANCE Duo in these scenarios is a real benefit to protect yield.



Rougham, Suffolk. Medium soil. SY KINGSBARN hybrid winter barley drilled 1st October 2020. VIBRANCE Duo + Rancona i-MIX versus Raxil Star assessed late November 2020.

