

SY KESTREL

The only **BYDV** resistant barley variety

BYDV - Barley Yellow Dwarf Virus **WDV** - Wheat Dwarf Virus

BYDV resistance in SY KESTREL works in two ways:

Antixenosis is the plants natural ability to repel and deter aphids.

Antibiosis negatively impacts the aphids ability to grow, reproduce and survive by disrupting the effectiveness of their feeding.

Together, these traits provide strong protection against **aphid infestation** and **virus transmission**.



BYDV vector:
Bird Cherry Oat Aphid
Rhopalosiphum padi



BYDV vector:
Grain aphid
Sitobion avenae



WDV vector:
Leafhopper
Psammotettix alienus

SY KESTREL at a glance

- The UK's first **BYDV resistant** winter barley
- WDV Tolerant
- Excellent resistance to disease & lodging
- Early to mature

“

Collaborative research between the University of Nottingham and Syngenta has revealed a dual mode resistance mechanism in the barley variety **SY KESTREL**

Rumiana Ray
University of Nottingham



University of
Nottingham
UK | CHINA | MALAYSIA

”

