

# evolution

WINTER WHEAT



Parentage: Smuggler x (Robigus x SJ5558)

Trial Status 2019/20: UK Recommended

Evolution is a hard endosperm feed wheat that offers farmers the opportunity to grow a variety that consistently produces high yields, without the risks associated with poor disease resistance. Evolution has an excellent disease resistance package and a good agronomic profile. Bred in Denmark by Sejet and marketed by Limagrain UK.

## AGRONOMIC CHARACTERISTICS:

	EVOLUTION	Costello	JB Diego	KWS Kerrin	Shabras
Lodging without PGR	7	7	7	7	6
Lodging with PGR	7	8	8	7	7
Height (cm)	89	82	87	84	85
Ripening (+/- JB Diego)	+2	+2	0	+1	0



Evolution is a taller strawed variety but has proven itself to be stiff; comparable to new additions on the AHDB Recommended List. The variety is later maturing.

## DISEASE RESISTANCE:

	EVOLUTION	Costello	JB Diego	KWS Kerrin	Shabras
Mildew	7	8	6	7	6
Yellow Rust	8	9	4	7	7
Brown Rust	7	5	6	7	5
<i>Septoria tritici</i>	5.4	6.1	5.2	5.0	6.2
Eyespot	4	4	5	5	4



Evolution has good resistance to the rusts and *Septoria tritici*. Both these diseases are of great concern; yellow rust strains are evolving seasonally and strains of *Septoria tritici* that are resistant to SDHI fungicides have been discovered.



The variety performs well in late drilling situations, essential to growers adopting a delayed sowing strategy for the control of blackgrass.



Evolution has shown very good yields in the second/continuous wheat rotational position.

## GRAIN QUALITY:

	EVOLUTION	Costello	JB Diego	KWS Kerrin	Shabras
Protein Content (%)	11.1	11.8	11.4	10.7	11.2
Hagberg Falling Number	214	330	315	150	219
Specific Weight (kg/hl)	75.2	80.9	78.1	76.5	76.4

January 2019. Data from the AHDB Recommended List 2019/20. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree.



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