



DK Exalte

A leading combination of fast early plant development and DEKALB's yield protecting traits

In UK trials network DK Exalte consistently achieved high seed yield and oils. A robust plant type able to be grown widely on all soil types

Features

- Vigorous establishment and Rapid Autumn Growth
- Double Phoma Resistance giving strong resistance to Stem Canker
- Durable and strong Light Leaf Spot resistance
- Early regrowth in Spring with mid early flowering
- High Yield and oil potential
- Pod Shatter Resistance

DEKALB Traits



DOUBLE PHOMA RESISTANCE



POD SHATTER RESISTANCE



VIGOROUS ESTABLISHMENT

Growing Variety

- Suitable for drilling up to mid September (subject to conditions)
- Seed rate should target an even plant stand of 25-30 plants/m² in spring
- Double phoma resistance means phoma leaf spot thresholds for treatment may not be met until later in the autumn if at all.
- Light Leaf Spot should be monitored but high resistance reduces the risk of severe infections.
- The rapid autumn growth habit means a PGR may be required in early/mid October on crops early sown or on fertile sites to reduce the risk of over development pre winter.
- The early and rapid spring growth habit means PGRs should be considered on forward crops and fertile sites or those with a history of lodging along with appropriate nitrogen rates to avoid oversize canopies. Ensure the Green Area Index is accurately determined at the start of spring growth.
- Pod Shatter Resistance reduces the risk of seed losses approaching and during harvest and will protect the crop where harvest is delayed.

Breeders view

"DK Exalte is a good choice for growers throughout the UK. It is capable of very high yields with very high oil content. It features pod shatter resistance, rapid autumn and spring development and early maturity. It is also notable for its disease resistance profile, combining double phoma resistance with very robust light leaf spot resistance."

Agronomic Profile

Autumn Development:



RAPID DEVELOPMENT

Agronomic Description:

DK Exalte has a rapid autumn development so suits mid or later drillings or challenging situations. It has a fast speed of spring development leading to mid maturity with mid height and good lodging resistance.

Early Maturity: 5

Earliness Flowering: 7

Plant Height: 6

Lodging Resistance: 8

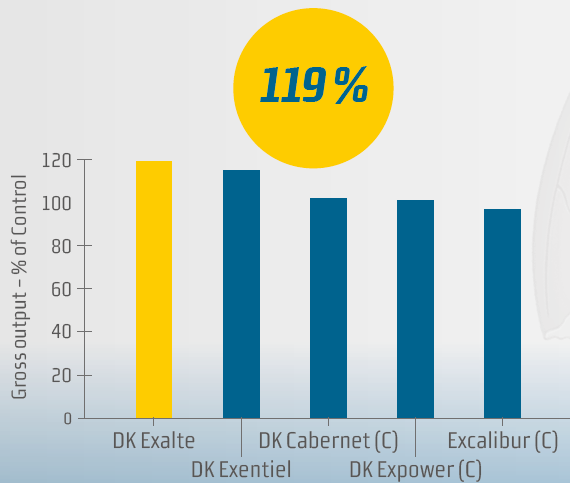
Disease Resistance

Stem Canker: 8

Light Leaf Spot: 7

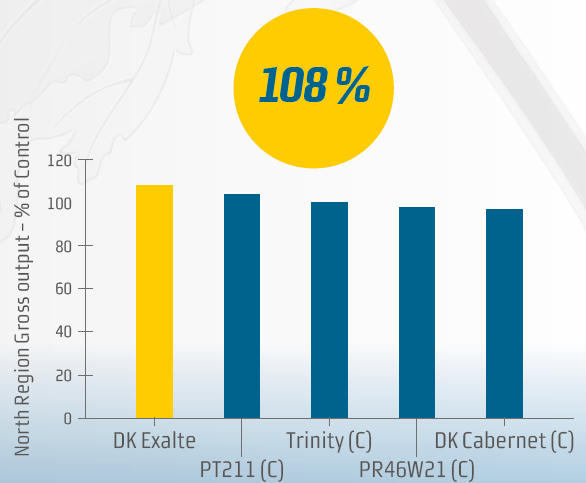
Performance

DEKALB TRIALS 2016 GROSS OUTPUT



Source: Extract from DEKALB replicated MidifACT Trials Harvest 2016 - 3 sites. (C) denotes control variety.

AHDB NORTH REGION 2016 GROSS OUTPUT



Source: Extract from AHDB Recommended List 2017/18 Table 16 - full dataset available from <https://cereals.ahdb.org.uk> - note DK Exalte not added to the recommended list. (C) denotes control variety.