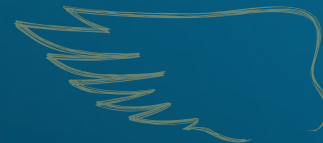




# DK EXPANSION

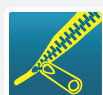
Registration Year 2015, France  
THE RECOMMENDED HYBRID LEADER



**VIGOROUS ESTABLISHMENT**



**DOUBLE PHOMA RESISTANCE**



**POD SHATTER RESISTANCE**

## PRODUCT CHARACTERISTICS

GROSS OUTPUT	102 %
OIL CONTENT	45.4 %
EARLINESS AT REGROWTH	MID-LATE
EARLINESS AT FLOWERING	1 2 3 4 5 <b>6</b> 7 8 9
EARLINESS AT MATURITY	1 2 3 4 <b>5</b> 6 7 8 9
PLANT HEIGHT	1 2 3 4 <b>5</b> 6 7 8 9
LODGING RESISTANCE	1 2 3 4 5 6 7 <b>8</b> 9
STEM STIFFNESS	1 2 3 4 5 6 7 <b>8</b> 9
POD SHATTERING RESISTANCE	YES
PHOMA RESISTANCE	1 2 3 4 5 6 <b>7</b> 8 9
LIGHT LEAF SPOT RESISTANCE	1 2 3 4 5 <b>6</b> 7 8 9

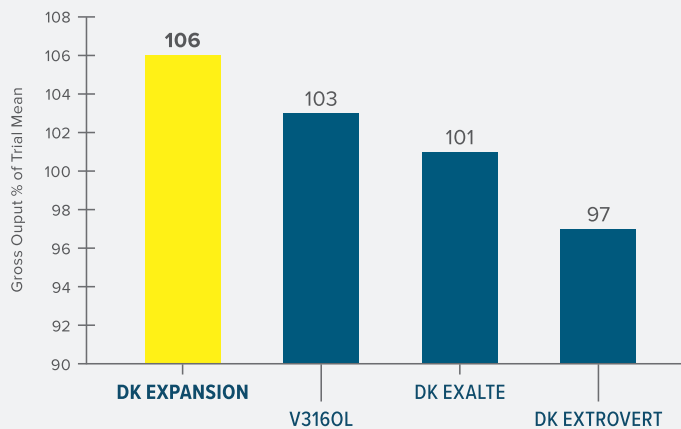
AHDB Recommended List 2019/20 - Table 13

## VARIETY BENEFITS

- 1 Rapid Autumn growth habit - suitable for a wide range of sowing dates
- 2 Double phoma resistance
- 3 Stiff Stemmed at harvest

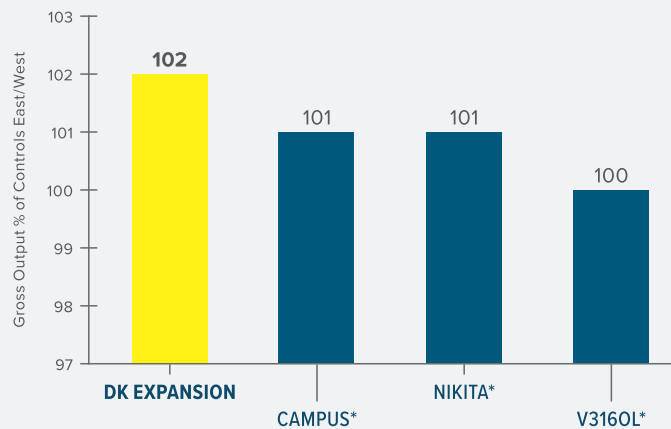
## GROSS OUTPUT

### DEKALB REPLICATED TRIALS HARVEST 2017 & 2018 - GROSS OUTPUT



Source: Extract from Dekalb UK replicated Midifact Trials Harvest 2017 5 sites and Harvest 2018 2 sites. % of Trial Mean of all varieties entered in both years.

### AHDB RECOMMENDED LIST 2019/20 - WINTER OILSEED RAPE



Source: Extract from AHDB Recommended List 2019/2020, \*denotes Control Variety, full dataset available from www.cereals.ahdb.org.uk

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# DK EXPANSION

Registration Year 2015, France  
THE RECOMMENDED HYBRID LEADER



## KEY TRAITS



### VIGOROUS ESTABLISHMENT

Proven ability to establish robust, well-rooted plants that are best able to cope with challenging UK conditions.



### DOUBLE PHOMA RESISTANCE

The combination of the RLM7 gene and polygenic resistance provides outstanding, durable resistance to phoma stem canker and flexibility in fungicide application.



### POD SHATTER RESISTANCE

Genetic resistance that minimises yield loss and volunteer issues caused by seed-shedding up to and during harvest.



### HIGH OIL

Consistent high oil content adding value to the harvested crop through higher oil bonus payments.

## RECOMMENDATIONS

Seed rate should target an even plant stand of 25-30 plants/m<sup>2</sup> in spring.

Ensure the Green Area Index is accurately determined at the start of spring growth to guide appropriate nitrogen rates for optimal canopy size. Lodging risk with DK EXPANSION is low.

Light Leaf Spot should be monitored and treated as required.

## BREEDER'S VIEW

***“DK EXPANSION is a restored hybrid capable of very high yields with very high oil content. It was the highest yielding new hybrid entry in 2016 UK official trials. It features pod shatter resistance, double phoma resistance and mid season flowering and maturity.”***



**MATTHEW CLARKE**

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