



DK IMPERIAL CL

Registration Year 2013, Hungary
THE CLEARFIELD BENCHMARK



VIGOROUS ESTABLISHMENT



DOUBLE PHOMA RESISTANCE



POD SHATTER RESISTANCE

PRODUCT CHARACTERISTICS

OIL CONTENT	45.7 %
EARLINESS AT REGROWTH	MID-LATE
EARLINESS AT FLOWERING	1 2 3 4 5 6 7 8 9
EARLINESS AT MATURITY	1 2 3 4 5 6 7 8 9
PLANT HEIGHT	1 2 3 4 5 6 7 8 9
LODGING RESISTANCE	1 2 3 4 5 6 7 8 9
STEM STIFFNESS	1 2 3 4 5 6 7 8 9
POD SHATTERING RESISTANCE	YES
PHOMA RESISTANCE	1 2 3 4 5 6 7 8 9
LIGHT LEAF SPOT RESISTANCE	1 2 3 4 5 6 7 8 9

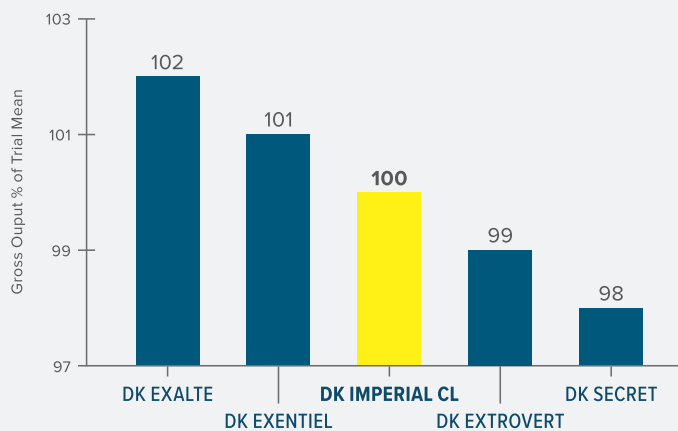
DEKALB Private Data – not directly comparable with other sources e.g. AHDB Recommended lists

VARIETY BENEFITS

- 1 Conventionally bred varieties that tolerate Clearfield herbicides (Cleranda and Cleravo). Specifically bred to combine Clearfield technology and DEKALB's yield protecting traits.
- 2 Double phoma resistance
- 3 Pod Shatter Resistance

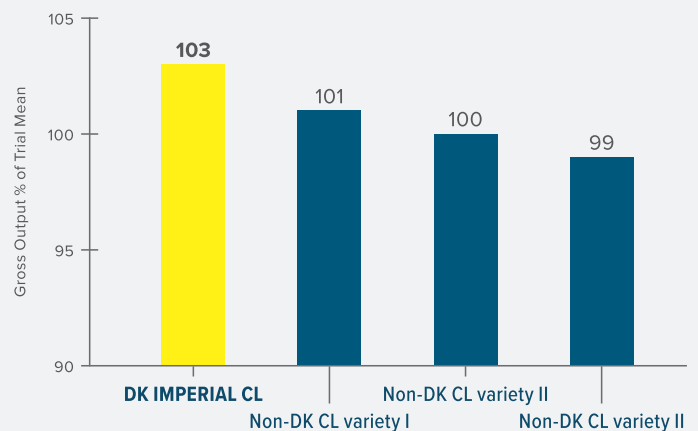
GROSS OUTPUT

DEKALB REPLICATED TRIALS HARVESTS 2016, 2017 & 2018 GROSS OUTPUT



Source: Extract from DEKALB replicated MidiFACT Trials Harvest 2016 3 sites and Harvest 2017 5 sites. % of Trial Mean of all varieties included in both years.

NIABTAG CLEARFIELD VARIETY TRIALS 2016 AND 2017



Source: NIABTAG Clearfield Network trials 2016 and 2017, Gross Output as % of Trial mean. Only 4 varieties entered in both seasons.

Contact us at uk.dekalb@monsanto.com or learn more at dekalb.co.uk



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KEY TRAITS



VIGOROUS ESTABLISHMENT

The combination of the RLM7 gene and Polygenic resistance provides outstanding, durable resistance to Phoma Stem Canker and flexibility in fungicide application.



RAPID AUTUMN DEVELOPMENT

Rapid Autumn growth habit means that as well as being suitable for the main drilling window it can be the ideal variety for delayed drilling or less than ideal conditions.



DOUBLE PHOMA RESISTANCE

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



POD SHATTER RESISTANCE

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

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BREEDER'S VIEW

“DK IMPERIAL CL is a Clearfield™ hybrid that has shown consistent high performance for UK growers. Its features include pod shatter resistance, double phoma resistance and medium to rapid autumn development.”



MATTHEW CLARKE

RECOMMENDATIONS

Seed rate should target an even plant stand of 25-30 plants/m² in spring.

The rapid autumn growth habit means a PGR may be appropriate in early/mid October on crops early sown or on fertile sites to reduce the risk of over development pre winter.

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 IMPERIAL CL is moderate.

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