

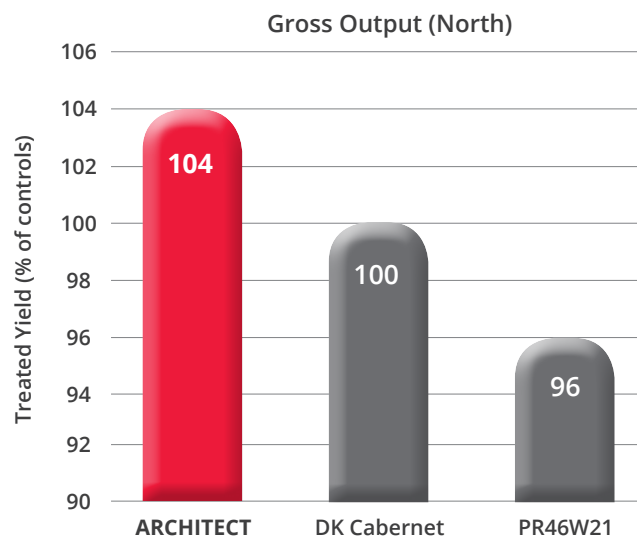
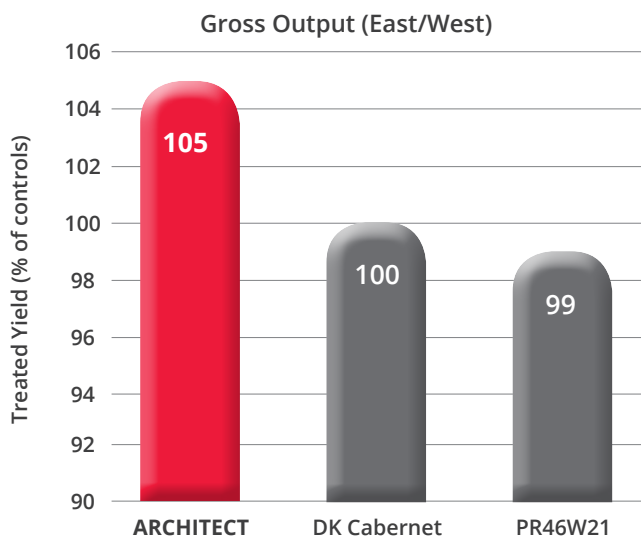
Type: Restored Hybrid

Breeder's Reference: LE14/276

Trial Status 2017/18 UK Candidate

Architect is an attractive restored hybrid variety with a gross output comparable to leading hybrids. Architect has TuYV resistance and a significantly higher yield potential than Amalie, the only variety on the AHDB 2017/18 RL with this desirable genetic trait. Architect also possesses pod shatter resistance, an important trait for protecting high yields. It is very vigorous and winter hardy.

GROSS OUTPUT:



Architect has shown very high gross output and treated yield potential in fungicide treated trials across the UK and Europe, showing the variety to be very resilient across a wide geographic area.

AGRONOMIC CHARACTERISTICS:

	ARCHITECT	DK Cabernet	PR46W21
Lodging Resistance	8	8	8
Stem Stiffness	8	8	8
Height (cm)	158	151	151
Earliness of Flowering	4	3	5
Earliness of Maturity	6	5	6
Disease Resistance:			
Light Leaf Spot	6	6	4
Stem Canker	6	7	3
Oil Content:			
Oil Content @ 9% Moisture	44.6	44.7	45.5

Architect is taller when compared with the control varieties, however it has good stem stiffness and resistance to lodging.

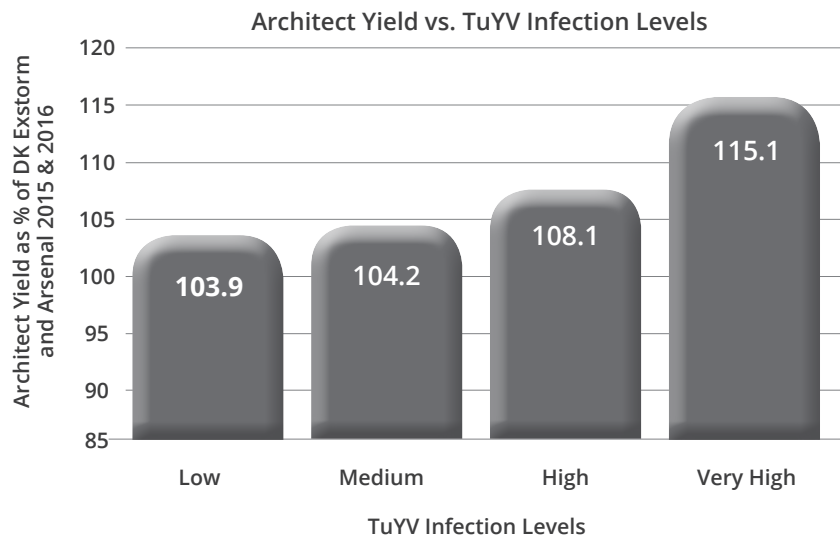
Architect has very good disease resistance to both Light Leaf Spot and Stem Canker; the two main yield-robbing diseases of oilseed rape.

Architect produces high levels of oil, similar to the control varieties.



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TUUV (TURNIP YELLOWS VIRUS) RESISTANCE:



Architect is TuYV resistant, an exciting genetic trait offering growers security in years with high TuYV levels.

Trials carried out in 2015 & 2016 by Limagrain across Europe have shown that when compared with non-resistant control varieties, the yield of Architect increases as the TuYV infection levels rise, giving an 11% yield advantage at very high infection level sites.

Architect possesses the valuable genetic trait of pod shatter resistance, providing growers with the ability to dramatically cut seed losses both before and during harvest. This can result in higher and more stable yields, as well as reducing volunteer pressure. Pod shatter resistance is especially valued in our unpredictable climate when thunderstorms and delayed harvests are increasingly common. It is also important at harvest when the passage of the combine through the standing crop can cause significant losses.

Winter kill can devastate OSR crops in cold winters. In the North and East, winter hardiness is a valuable insurance to have.

In Limagrain trials, conducted in Poland and Germany in 2016, Architect showed the lowest levels of frost damage of 26 LG and control varieties.



Architect has high gross output & yield, as well as pod shatter resistance.



Architect benefits from TuYV resistance, offering added security on-farm.

Jan 2017. Data from the AHDB Recommended List 2017/18 and internal European data sets. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree.

