

MATRIX CL

Clearfield® Hybrid Oilseed Rape

Autumn Seed

Profile

Status: AHDB Candidate List Trials 2021/22

As the first Quad Layered PNN Variety from DSV, MATRIX CL marks a huge step forward in breeding innovation being the first variety to stack four complex traits together without compromising yield.

MATRIX CL demonstrates a significant advance in Clearfield® winter oilseed rape varieties and addresses many of the short comings of previous varieties. MATRIX CL allows the grower to choose powerful post emergence Clearfield® chemistry without facing the potential drop in performance shown in the previous generations of varieties. MATRIX CL has left the pack, significantly raising the bar for Clearfield® varieties making it the highest yielding Clearfield® variety available to the UK grower.

MATRIX CL is one of a few varieties selected as a candidate for the whole of the UK making it suitable for growing in both the North, and East and West regions.

MATRIX CL is the first commercially available UK variety in the Clearfield® segment to offer TuYV protection. This powerful yield enhancing trait possessed by all the current highest yielding recommended varieties is an essential trait for OSR growing.

With the vigour pushing on from successful varieties like PLURAX CL and mirroring the vigour profiles of the top performing hybrids in both autumn and early spring – MATRIX CL performed particularly well in our high pressure flea beetle trials where high vigour was a 'must'.

With Pod Shatter Resistance, RLM7+ resistance to stem canker, and added TuYV protection, MATRIX CL offers the best agronomic package seen in any Clearfield® variety to date.

MATRIX CL offers the top standing scores with 9 for Lodging and 8 for Stem Stiffness. It has a medium Flowering score of 5 and an early Maturity score of 6. Offering a complete Clearfield® package. MATRIX CL is the first Clearfield® variety without compromise.

- ✓ First Quad Layered PNN Variety from DSV
- ✓ Suitable for growing in both the North, and East and West regions

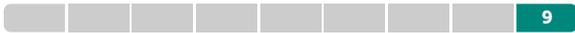
Yield information

Gross Output – United Kingdom (%)	102.5
Gross Output – East / West region (%)	108.3
Gross Output – North region (%)	96.3
Seed yield - United Kingdom (%)	102.1
Seed yield - East / West region (%)	106.9
Seed yield – North Region (%)	96.9
Oil content (%)	46

Assessments

Winter hardness	
Autumn vigour	
Spring vigour	

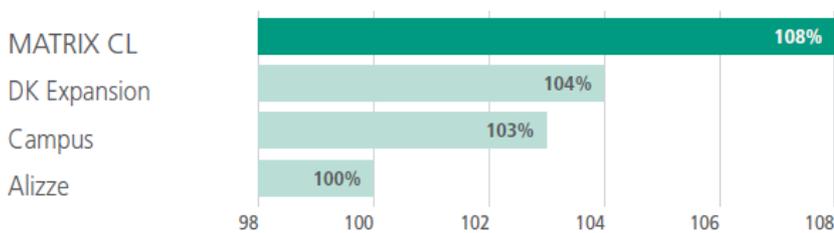
Agronomics Features

Resistance to lodging		very strong
Stem Stiffness		strong to very strong
Beginning of flowering		medium
Maturity		medium to late
Resistance to light leaf spot		medium
Resistance to stem canker		very high

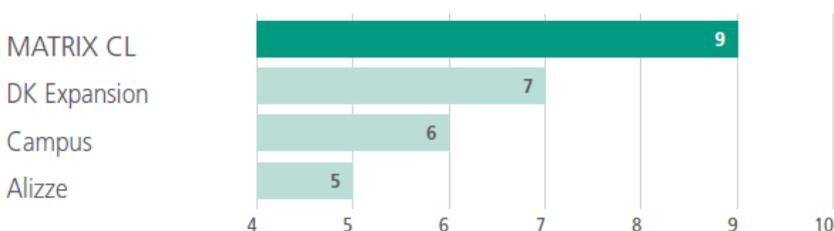
Data Source: AHDB Candidate List 2021/22 and DSV Internal Trials



Gross Output (E/W) Source: AHDB Candidate List 2021/22



Stem Canker Source: AHDB Candidate List 2021/22



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