

# MATRIX CL

Clearfield® Hybrid Oilseed Rape

Autumn Seed

## Profile

**Status:** AHDB Recommended List 2023/24

MATRIX CL is the first Quad Layered Variety from DSV. It marks a huge step forward in breeding innovation being the first variety to stack four complex traits together without compromising yield (TuYV Protection, RLM7 Resistance, Pod Shatter Resistance and Clearfield® Technology).

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 to be UK recommended, making it suitable for growing in both the North, and East and West regions.

MATRIX CL is one of the first commercially available UK varieties 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 growing OSR in the UK.

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 [8] for Lodging and 8 for Stem Stiffness. It has a medium Flowering score of 6 and an early Maturity score of 6. Offering a complete Clearfield® package. MATRIX CL is the first Clearfield® variety without compromise.

- ✓ Highest yielding Clearfield on the AHDB Recommended List 2023/24
- ✓ First Clearfield® Quad Layered Variety from DSV
- ✓ Suitable for growing in both the North, and East and West regions








## Yield information

Gross Output – United Kingdom (%)	98
Gross Output – East / West region (%)	99
Gross Output – North region (%)	95
Seed yield - United Kingdom (%)	97
Seed yield - East / West region (%)	98
Seed yield – North Region (%)	95
Oil content (%)	45.6

## Assessments

Winter hardness	
Autumn vigour	
Spring vigour	

## Agronomics Features

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

TuYV = R | Pod shatter = R Data Source: AHDB Recommended List 2023/24



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