

MATRIX CL

Clearfield® Hybrid Oilseed Rape

Autumn Seed

Profile

Status: AHDB Recommended List 2024/25

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 7 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 2024/25
- ✓ 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 (%) | 96 |
| Gross Output – East / West region (%) | 97 |
| Gross Output – North region (%) | 94 |
| Seed yield - United Kingdom (%) | 96 |
| Seed yield - East / West region (%) | 96 |
| Seed yield – North Region (%) | 94 |
| Oil content (%) | 45.6 |

Assessments

| | |
|-----------------|---|
| Winter hardness | <div><div>+</div><div>+</div><div>+</div></div> |
| Autumn vigour | <div><div>+</div><div>+</div><div>+</div></div> |
| Spring vigour | <div><div>+</div><div>+</div><div>+</div></div> |


Agronomics Features

| | | |
|-------------------------------|---|-----------------------|
| Resistance to lodging | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div>8</div><div></div></div> | strong to very strong |
| Stem Stiffness | <div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div> | strong |
| Shortness of stem | <div><div></div><div></div><div></div><div></div><div>5</div><div></div><div></div><div></div><div></div></div> | medium |
| Beginning of flowering | <div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div> | late |
| Maturity | <div><div></div><div></div><div></div><div></div><div>5</div><div></div><div></div><div></div><div></div></div> | medium |
| Resistance to light leaf spot | <div><div></div><div></div><div></div><div></div><div></div><div>6</div><div></div><div></div><div></div></div> | medium to high |
| Resistance to stem canker | <div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div> | high |


TuYV = R | Pod shatter = R Data Source: AHDB Recommended List 2024/25




A Clearfield® Variety




A Quad Layered PNN Variety



RLM7+ Disease Resistance



Verticillium Wilt Tolerance




Turnip Yellow Virus Resistance



Pod Shatter Resistance



Superior Primary Response



Suitable for Min-till or No-till



Clearfield is a registered trademark of BASF. Use plant protection products safely. Always read the label and product information before use. For further product information on Clearfield including warning phases and symbols, refer to agricentre.basf.co.uk.

All specified information is given to the best of our knowledge and belief, but without guarantee on completeness and correctness. Despite care we cannot guarantee that the described characteristics are repeatable / comprehensive in agricultural practice in each case. DSV United Kingdom Ltd. excludes adhesion for damage or claims for damages, resulting of the use for the variety specified in this description.