

# Darling

## Triple Layered Hybrid Oilseed Rape



A Triple Layer PNN Variety



Turnip Yellow Virus Resistance



RLM7+ Disease Resistance



Verticillium Wilt Resistance



Superior Primary Response



Suitable for Min-Till or No-Till

## Overview

### Status: AHDB Candidate List Trials 2019/20

**Darling is one of DSV's flagship triple-layer varieties, combining top yields with three important traits from DSV, making Darling the strongest candidate for AHDB Recommended Listing in 2019.**

One of its particularly noticeable features is its outstanding autumn vigour as well as having Turnip Yellow Virus (TuYV) resistance, pod shatter resistance, and the RLM7+ for multi-gene resistance to phoma stem canker.

It is one of the first varieties which has these pioneering three traits stacked together in a variety. Developed as a direct result of the Neonicotinoid ban and the need to move towards less intensive and more environmentally friendly production methods, DSV triple-layer oilseed rape takes as much of the guesswork out of growing the crop as possible.

Every triple-layer variety has unique three-way disease resistance and yield protection built in making them a genuine industry first.

#### Layer 1: RLM7+ Disease Resistance

Multi-gene resistance to phoma stem canker and light leaf spot – the most common diseases of oilseed rape in the UK.

#### Layer 2: Turnip Yellow Virus Resistance

Resistance to the growing threat of TuYV now endemic across the UK and potentially reducing oil content and yields by up to 20%.

#### Layer 3: Pod Shatter Resistance

Minimises seed shed and loss in later stages of growth and at harvesting making it particularly useful when weather conditions are poor or in late seasons.

With the loss of neonicotinoid seed treatment and milder autumns and winters we are seeing rising aphid numbers in crops. At least 72% of these aphids have been known to vector the TuYV virus which can reduce yields by up to 20%. Tests this winter have demonstrated that high levels of the virus were apparent in many oilseed rape crops up and down the country.

**Darling** in UK trials has shown that it can deliver high gross output (105%) and high oil content (45.9%), which is comparable with other varieties currently on the AHDB Recommended List.

It also has good agronomic features with an upright canopy that demonstrates no weakness to lodging (7) and a strong stem stiffness score (7) from a medium – tall variety, standing at 159cm.

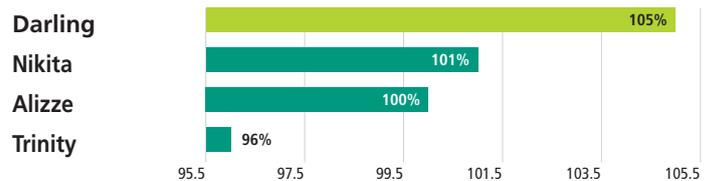
**Darling** performed well in Verticillium Wilt trials last year in the UK and in France where the disease has proven to be more of a problem.

## UK Data for Darling

Gross Output	105%
Seed Yield	104%
Oil Content	45.9%
Autumn Vigour	High
Spring Vigour	High
Winter Hardiness	High
Plant Height	159cm
Earliness of Flowering	6
Maturity	5
Lodging	7
Stem Stiffness	7
Light Leaf Spot	5
Stem Canker	8 (RLM 7)
Verticillium Wilt Tolerance	High

Sources: AHDB Candidate List Trials 2019/20

## Gross Output



Source: AHDB Candidate List Trials 2019/20

## Seed Yield



Source: AHDB Candidate List Trials 2019/20