

Mirakel

# Mirakel Spring Oilseed Rape

Status: AHDB Spring oilseed rape Descriptive List 2018

F1-HYBRID

Breeder: DLE

## Variety Description

**MIRAKEL** is a spring oilseed rape hybrid innovation from DLE. It is classed as an medium / early maturing variety combining very high oil content and strong scores for stem stiffness and lodging resistance.

**Key points:** High oil content, earliness of maturity and high scores for resistance to lodging

## Agronomic Characteristics

- Yield potential: high - very high
- Oil content: very high
- Glucosinolates: very low
- Earliness of flowering: mid - early
- Maturity: medium
- Lodging resistance: very high
- Plant length: medium

AHDB Descriptive List 2018

	Gross Output (%)	Seed Yield (%)	Oil Content (%)	Shortness of Stem	Earliness of Flowering (1-9)	Earliness of Maturity (1-9)
Mirakel	99	99	44.5	7	7	7
Dodger	102	101	45.2	6	7	5
Doktrin	97	99	44.2	7	7	5

**Mirakel** will be supplied in packs of 2.1 million seeds. This should be sufficient to sow 3ha. As with autumn sown hybrids, a lower seed rate is required for **Mirakel**. It should ideally be planted at 70 germinating seeds per m<sup>2</sup>. Seed should be sown when soils have warmed up, during the first three weeks of April. This will give the seeds the best opportunity to germinate and grow. If drilling commences outside this sowing window then higher seed rates should be applied.

**Sowing depth and density:** 2-3 cm, depending on soil type, in a sufficiently compact and fine seed bed.

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**Weed Control:** Hybrid vigour and early plant development suppress the growth of weeds. In any case sufficient weed control is important to further ensure good crop development.

**Disease and Insect Protection:** It is very important to control the flea beetle. Insecticides should be applied if more than 1-2 insects per plant are present in early stages or 3-4 insects prior to onset of flowering. The same control measurement accounts for the pollen beetle before and during flowering. Under wet and warm conditions during flowering a fungicide application against *Sclerotinia* stem rot should be considered.