

## NEW: Lagonda

Status: AHDB Spring oilseed rape Descriptive List 2020 /21

### Key Benefits

- The highest yielding variety on the Descriptive List
- Very high gross output (8% higher than its nearest competitor Lumen)
- Impressive spring vigour ensuring fast establishment

Lagonda joined the Descriptive List this December 2018. It has the highest seed yield on the list and the second highest gross output.

Source: AHDB Descriptive List 2020 /21

	Gross Output (% control )	Seed Yield (% control)	Oil Content (% control)	Shortness of stem (1-9)	Flowering (1-9)	Maturity (1-9)
Lagonda	112	113	44.2	6	7	5
Mirakel	98	98	44.4	7	7	7

Lagonda is a variety from the DLE portfolio and will be launched for the first time by DSV this spring. Lagonda marks a large step forward in yield and vigour. Lagonda has a high oil content (44.2%) to accompany this high yield (113%) ensuring growers maximise returns at harvest. At 135cm it sits in the middle of the pack when it comes to plant height and has a strong score for standing ability (8). Lagonda is early to flower and has a medium maturity. Trials this year have demonstrated that Lagonda has excellent spring vigour quickly growing away from any possible pest attack. Drilling spring oilseed rape at the end of March/early April means less pressure is put on both man and machine. Spring oilseed rape generally only requires around 150 days to grow; therefore Phoma isn't a problem due to its short vegetative stage and specific temperature requirements. The occurrence of fungal diseases are much less than in winter rape, so disease control is rarely necessary. However, Lagonda demonstrates strong disease protection.

### Drilling Period

Lagonda is packed in 2.1 million live seeds which gives a drilling rate of around 70 seeds per m<sup>2</sup>. Growers should aim to achieve a plant population of around 55 – 65 plants per m<sup>2</sup>. Growers should try and resist the temptation to drill too early as temperature and day length will act against the newly sown seedling. Plants will emerge too slowly and will not be able to outcompete the weed pressure and struggle to outgrow pest attack.

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The biggest barrier to success which spring rape faces is attack from pollen beetle, as the crop is usually the only thing flowering at that time of year! Growers need to be checking for pollen beetle four to six weeks after emergence – remember that once the plant has got to the green to yellow bud stage the beetle will have already done the majority of the damage. It is not uncommon to spray two to three times to help reduce pressure. Growers need to be aware that

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many pollen beetles are now resistant to many pyrethroid sprays used to help control them – checks should be made 3 days after treatment is applied.

## **Harvest**

The temptation to desiccate/swath early must be avoided on all oilseed rape varieties otherwise full oil content of the seed will not be achieved. The crop will be ready when 90% of the seed in the mid-third of pods on the main stem are red to dark brown. DSV also have a hybrid spring oilseed rape called Lumen which is very high yielding coupled with early maturity helping to ensure a timely and profitable harvest.

On the 1-9 scales, high figures indicate that a variety shows the character to a high degree.

*Date Source: AHDB Spring Oilseed Rape Descriptive List 2019*