



Montrose

SPRING OAT

2018

AHDB
RECOMMENDED

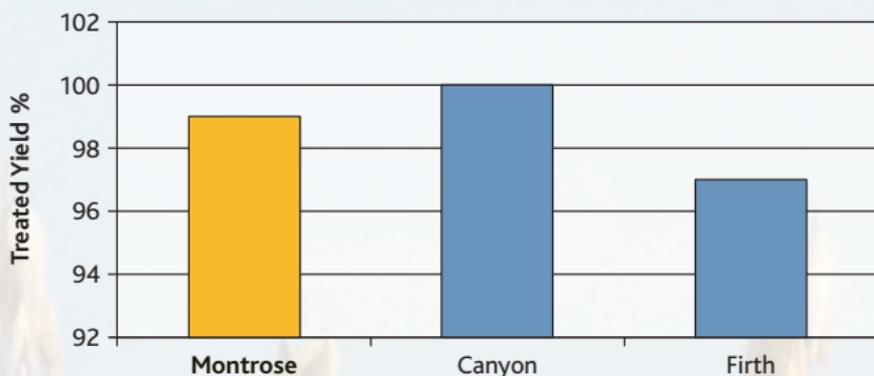
- Excellent lodging resistance
- Superb grain quality
- Early maturity



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Montrose combines high yields with very stiff straw and early ripening. Its superb grain quality should appeal to millers.

UK Treated Yield (% mean of controls, 8.2 t/ha)



| | Resistance to lodging | Straw length (cm) | Ripening (days ± Firth) | Mildew | Crown rust | Specific weight (kg/hl) | Kernel content (%) |
|----------|-----------------------|-------------------|-------------------------|--------|------------|-------------------------|--------------------|
| Montrose | 7 | 107 | -1 | 4 | 3 | 55.1 | 76.0 |
| Canyon | 7 | 113 | 0 | 8 | 4 | 54.6 | 75.5 |
| Firth | 7 | 104 | 0 | 6 | 4 | 52.9 | 77.9 |

AHDB Recommended List Spring Oats 2018. Full database at <https://cereals.ahdb.org.uk>

Sowing date

Spring oats have a shorter growing season than other spring cereals. Depending on location and conditions, aim to drill from late February to early April.

Sowing rate

Depending on seed bed quality, date of planting and perceived lodging risk, aim for a plant population of 250 to 300 plants per m². To achieve this, plant between 300 and 350 seeds per m².

Nitrogen

Depending on soil type and SNS index, typically 70-140 kg N/ha should be applied. For crops drilled before March, apply nitrogen at early stem extension but not before early April or after early May. For amounts greater than 70 kg N/ha, apply 40 kg N/ha of the total in the seedbed except on light sand soils. On these soils apply 40 kg N/ha at the 3 leaf stage but not before March. For late-drilled crops, all the nitrogen can be applied in the seedbed except on light sand soils where amounts greater than 70 kg N/ha should be split with 40 kg N/ha in the seedbed and the remainder by the 3 leaf stage.

Diseases

Disease pressure in spring oats tends to be lower. However, crops of Montrose should be monitored for symptoms of mildew and crown rust and if present treat accordingly.

Growth Regulators

Montrose has stiff straw and good resistance to lodging. PGR may or may not be required depending on the site, risk and management strategy.