2020

AHDB RECOMMENDED

Top of the range

High yields

Excellent grain quality

Early to ripen

senova

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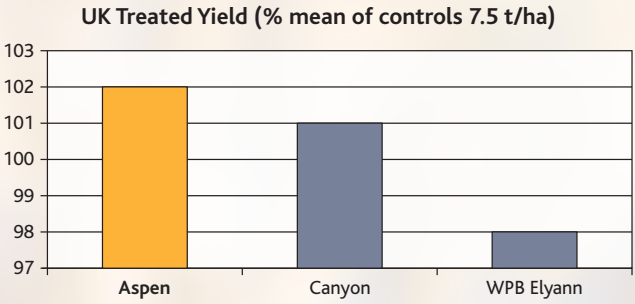
Aspen is a high yielding spring oat variety with treated yields above both WPB Elyann and Canyon. With shorter, stiff straw, early ripening and superb grain quality, Aspen remains an attractive variety to growers and the market.



Source: AHDB Spring Oats RL 2020. Full database at www.ahdb.org.uk/rl

	Resistance to lodging (1-9)	Straw length (cm)	Ripening (days ± Firth)	Mildew resistance	Crown rust resistance	Specific weight (kg/hl)	Kernel content (%)	Screenings (%)
Aspen	**7**	**101**	**0**	**6**	**5**	**52.8**	**75.2**	**2.3**
Canyon	7	113	0	8	4	52.9	74.0	2.2
WPB Elyann	6	104	-1	6	5	52.1	78.1	2.7

Source: AHDB Spring Oats RL 2020. Full database at www.ahdb.org.uk/rl

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 m^2. To achieve this, plant between 300 and 350 seeds per m^2.

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, and Aspen has good mildew resistance. Crops should be monitored for symptoms of crown rust and, if present, treated accordingly.

Growth Regulators

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