

Mascani

WINTER OAT



Number 1 UK winter oat variety

Superb grain quality

Large grains

Early maturity

AHDB

RECOMMENDED

2019



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Mascani is the most widely grown winter oat in the UK and has established itself as a favourite of the millers and on farm. It is a stiff strawed variety with excellent resistance to mildew and crown rust and so is of particular interest to growers in susceptible areas.

With its exceptionally high kernel content, excellent specific weight, large grains and low screening losses, Mascani is a top quality, popular milling variety.

	Mascani	Dalguise	Gerald
UK treated yield (8.8 t/ha)	99	100	98
Resistance to lodging (1-9)	6	3	6
Straw length (cm)	117	120	117
Ripening (days ± Mascani)	0	-1	+2
Mildew resistance	5	4	[4]
Crown rust resistance	6	4	5
Kernel content (%)	77.2	74.9	72.5
Specific weight (kg/hl)	54.3	54.8	53.5
Screenings (% through 2.0mm)	1.5	3.6	4.2
Kernel colour	yellow	white	white

Source: AHDB winter oats RL 2019/20. Full database at www.ahdb.org.uk/rl. [] indicates limited data.

Sowing date

Mid September on more northerly or exposed sites. Later on more sheltered sites in the south.

Seed rate

Depending on farm conditions the seed rate should be between 300-350 seeds/m², to achieve a population of 250 plants/m² in the spring.

Fertilisers and crop nutrition

Oats can be prone to manganese deficiency and this should be borne in mind for field selection. Research on nitrogen rates for oats is ongoing. The new RB209 recommendations have raised nitrogen applications by 40kg in all situations, therefore 150-190kg nitrogen should be applied in an even split towards the end of March and again in late April. Following drier winters, less nitrogen may be needed in the first application. For more information visit <https://www.ahdb.org.uk>.

Pests, weeds and diseases

Avoid land with a heavy wild oat or severe blackgrass infestation. Growers should consult their agronomist for specific weed and disease advice.

PGR

Mascani is a shorter strawed variety but may respond to PGR application. Please consult your agronomist for advice.

Harvesting

Mascani should be harvested slightly before wheat on most farms and stored at 15% moisture. In the unlikely event of severe lodging, crops should be harvested in one direction.