

WINTER OAT • 2008

Mascani



- Treated yields equivalent to Gerald
- High untreated yields
- Early maturing variety
- Large grains
- Excellent grain quality



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Mascani is an early maturing variety and produces higher treated and untreated yields than Gerald. It has excellent disease resistance, particularly to crown rust and shows good resistance to lodging. With its high kernel content and large grains, Mascani is a top quality milling variety.

Variety	Treated yield (% control, 8.2/ha)	Resistance to lodging	Straw length (cm)	Ripening (days \pm Gerald)	Winter hardiness	Mildew resistance	Crown rust resistance	Specific weight (kg/hl)	Kernel content	Screenings % through 2.0mm
Mascani	100	6	120	-1	7	6	8*	54.5	78.0	0.1
SW Dalguise	101	5	123	-2	8	3	3	54.6	75.4	0.2
Gerald	99	6	120	0	8	4	4	53.3	72.5	0.2

Source: HGCA Recommended List 2008/09. Full database can be found at www.hgca.com

* race of crown rust found may affect Mascani

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

No autumn nitrogen is required. Oats are prone to manganese deficiency and this should be borne in mind for field selection for Mascani. In the spring 100-130kg 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.

Pests, weeds and diseases

Avoid heavy wild oat and blackgrass infected land. Some control may be achieved with Lexus Class. Mascani shows good resistance to mildew and crown rust and can be controlled as for other oats. Growers should consult their agronomist for specific advice.

PGR

Mascani is a shorter strawed variety but may respond to PGR application.

Harvesting

Mascani should be harvested slightly before wheat on most farms and stored at 15% moisture. Badly lodged crops should be harvested in one direction.