

Winter Wheat - Parentage: Reaper x Rialto

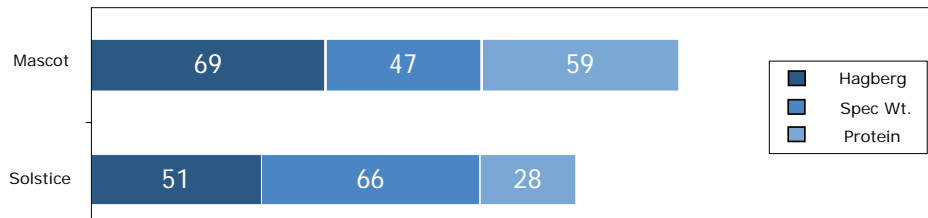
- Group 1 Breadmaking wheat
- Solid yields and good standing
- Reliability in the field and at the mill

Meeting the Specification

Mascot combines high protein levels, stable Hagberg Falling Number and good Specific Weight, ensuring that full Group 1 specification can be met more reliably - even in difficult harvest years such as 2007.

The percentage of submitted samples from Mascot and Solstice that met the Group 1 specification of:

Hagberg Falling Number	- greater than 250 seconds
Specific Weight	- greater than 76 kg/hl
Protein	- greater than 13.0% dry matter



Source: HGCA Quality Survey 2007

Disease Resistance

Mascot has sound disease resistance, with no specific weaknesses. Mascot responds well to a standard growth regulator programme.

Mascot is tolerant to chlorotoluron.

	Mascot	Xi19	Solstice
Mildew	7	6	5
Yellow Rust	5	9	9
Brown Rust	4	6	3
<i>S. tritici</i>	5	5	5
Eyespot	6	5	5

Quality

Mascot produces a white flour widely acceptable to UK millers, with consistently good breadmaking characteristics. Mascot is suitable for both UK and export markets.

Mascot provided good opportunity for growers to maximise premium earnings.

	Mascot	Xi19	Solstice
% Protein	12.5	11.6	12.1
Hagberg Falling Number	263	267	263
Specific Weight (kg/hl)	77.0	75.6	77.6