

New

RGT Gravity



Variety Positioning

- The highest yielding wheat on the AHDB Recommended List and consistently high yields in Agrii's trials. Accelerated by RAGT and pre-launched last autumn so there are commercial crops in the ground. It has 'Santiago-like' grain quality in Agrii's trials with relatively low specific weight (72.5 kg/hl). Like Santiago it should be considered as a high input wheat with average disease resistance and lower untreated yields.
- Suitable for all regions of the UK and all soil types. It has a very slow speed of development especially in the spring and consequently has shown poor black-grass competitiveness at Agrii's Stow Longa site. Agrii do not recommend it for early drilling. It is relatively tall with average standing in Agrii's trials (5 untreated, 6 treated) so it needs robust PGR programme. Medium maturity.
- Weaker on Brown Rust (4.7) and *Septoria tritici* (4.7) than its official ratings and also appears moderately susceptible to *Fusarium* ear blight. Second wheat performance looks good in spite of a low resistance rating for Eyespot.
- Resistant to Orange Wheat Blossom Midge.

Fungicide-treated grain yield (% treated control)	
United Kingdom (11.0 t/ha)	106
East region (10.9 t/ha)	106
West region (11.3 t/ha)	106
North region (10.7 t/ha)	[108]
Grain quality	
Endosperm texture	Hard
Protein content (%)	11.2
Hagberg Falling Number	195
Specific weight (kg/hl)	76.8
Untreated grain yield (% treated control)	
United Kingdom (11.0 t/ha)	83
Agronomic features	
Resistance to lodging without PGR (1-9)	7
Resistance to lodging with PGR (1-9)	7
Height without PGR (cm)	86
Ripening (days +/- JB Diego, -ve = earlier)	+1
Resistance to sprouting (1-9)	-
Disease resistance	
Mildew (1-9)	4
Yellow rust (1-9)	8
Brown rust (1-9)	6
Septoria nodorum (1-9)	-
Septoria tritici (1-9)	5.2
Eyespot (1-9)	[4]
Fusarium ear blight (1-9)	[6]
Orange wheat blossom midge	R
Rotational position	
First cereal (11.4 t/ha)	106
Second and more (9.8 t/ha)	108
Sowing date (most trials were sown in October)	
Early sown (before 15th Sept) (11.1 t/ha)	[[103]]
Late sown (mid-Nov to end-Jan) (10.6 t/ha)	[[106]]
Soil type (about 50% of trials are on medium soils)	
Light soils (10.7 t/ha)	[105]
Heavy soils (11.4 t/ha)	106
Agronomic features	
Latest safe sowing date #	[End Jan]

Data source: www.cereals.ahdb.org.uk/

Agrii's ratings =()