# Winter Wheat

Group 4, Hard Feed RAGT Kielder x Relay

## <sup>№™</sup>RGT Lantern



### **Positioning**

- Consistent high yields in Agrii's trials over the past two years
- Good disease package and midge resistant

## **Summary**

- High treated (101%) and untreated (82%) yields with an average specific weight (74.4 kg/hl) in Agrii trials. It is worth consideration even though it didn't make it on to the UK Recommended List.
- Suitable for all regions except areas of high sterility risk until more information is available. It can be grown across a range of soil types. It is best grown from early October through to the end of the month as its late drill performance hasn't been fully evaluated. It performs well as a second wheat.
- Its competitiveness against Blackgrass is still under evaluation so best grown in lower pressure situations or drilled later until further information is available.
- With average straw strength (6 untreated, 6 treated) a routine PGR programme is recommended, especially in more fertile situations. Medium-late maturity (+3).
- Disease resistance is good for Yellow Rust (7.5) and Septoria tritici (5.8) but Mildew (4.9) and, like many other varieties, Brown Rust (4.4) needs watching carefully.
- It is resistant to Orange Wheat Blossom Midge.

AHDB Regional Rec ( ) = Agrii	(UK)	
Agri Data - Agrii 3 Year ( <mark>Blue = 2 year)</mark>		
UK Fungicide Treated Yield (% ctrls)	101.3	
Untreated Yield (% treated ctrls)	82	
Specific Weight (kg/hl)	74.4	
AHDB Data, ( ) = limited data		
UK Fungicide Treated Yield (% ctrls)	102.0	
East Fungicide Treated Yield (% ctrls)	102	
West Fungicide Treated Yield (% ctrls)	103	
North Fungicide Treated Yield (% ctrls)	[100]	
Untreated Yield (% treated ctrls)	78	
Specific Weight (kg/hl)	75.7	
Disease (AHDB , Agrii)		
Mildew Resistance (1-9)	4.9	-
Yellow Rust Resistance (1-9)	6.7	7.5
Brown Rust Resistance (1-9)	6.2	4.4
Septoria Tritici Resistance (1-9)	5.7	5.8
Eyespot Resistance (1-9)	TNC	-
Carries PCH1 gene for Eyespot res	No	-
Fusarium Ear Blight Resistance (1-9)	5.6	TNC
Agronomy (AHDB, Agrii)		
Lodging Resistance - Untreated (1-9)	7.1	6
Lodging Resistance - Treated (1-9)	7.6	6
Maturity (Days +/- JB Diego)	+2	+3
Comments, ( ) = limited, TNC = In test		
Yield Consistency	(High)	
Yield "Resilience" under pressure	(Low)	
Yellow Rust Plant Susceptibility <gs32< td=""><td colspan="2">Susceptible</td></gs32<>	Susceptible	
Agrii Yellow Rust Diversification Group	0	
Grassweed Competitiveness	TNC	
2nd vs 1st Wheat <b>Relative</b> Perf	(Good)	
Suitable for Regions of High Sterility	TNC	
Soil Type Suitability	Heavy & Light	
Suitable to Drill Early (Before 15th Sept.)	No	
Latest Optimum Drill Date	(End Oct.)	
Latest Safe Sowing Date	((End Jan.))	
OWBM Resistance	Yes	
SRUC Scottish RL Status 2020/21	Not Recommended	