## LG Winter Wheat Guide

### Pedigree
- **Pedigree:** Cordiale x Gulliver (Kingdom x KWS Santiago) x Crusoe
- **Cassius x NAWW29** x KWS Santiago
- **Scribe x Horatio**
- **Hereford x Viscount** x Cassius
- **Alchemy x Claire** x Denman
- **Alchemia x Claire** x Shepherd

### Data Source
- AHDB RL 2020/21

### AHDB Status
- Recommended

### UK Treated Yield
- Group 1: 96
- Group 2: 100
- Group 3: 97
- Group 4: 103

### AHDB East Treated Yield
- Group 1: 96
- Group 2: 100
- Group 3: 97
- Group 4: 104

### AHDB West Treated Yield
- Group 1: 92
- Group 2: 101
- Group 3: 97
- Group 4: 103

### AHDB North Treated Yield
- Group 1: 92
- Group 2: 101
- Group 3: 97
- Group 4: 103

### Untreated Grain Yield (% treated control)
- Group 1: 71
- Group 2: 77
- Group 3: 69
- Group 4: 83

### Suitability as a first cereal
- ✔️
- ✔️
- ✔️
- ✔️

### Suitability as a second cereal
- ✔️
- ✔️
- ✔️
- ✔️

### YIELD COMMENT
- Highest yielding recommended Gp1 wheat in 2019
- Yield equivalent to GP2 KWS Siskin and Extase
- Older variety but yields well in the North on farm
- Highest yielding feed wheat available in the UK
- Yield potential equivalent to the hard feed varieties with major market share in the UK
- High yield potential in first & second wheat situation - preference heavier soil types
- High yielding, suitable for later drilling and Northern areas
- Tried and tested earlier sowing variety with higher yield potential in the North

### MARKET /QUALITY
- **Genetically high protein content making it a favourite with growers and millers**
- Solid GP2 with Inherant higher protein content from its parent Crusoe
- A biscuit variety with acceptance for distilling and export
- Soft feed variety with distilling and additional end use marketing premiums
- Soft feed variety with Distilling and excellent grain quality for securing end use premiums
- Soft feed variety with Distilling and good grain quality
- Soft feed variety with good grain for both distilling & export opportunities

### GRAIN QUALITY
- Optimum sowing date: Mid/Late
- Latest safe sowing date: End Jan
- Speed of Spring apical development: Medium/Fast
- Resistance to lodging without PGR: 8
- Resistance to lodging with PGR: 8
- Height without PGR (cm): 81
- Resistant to spraying: 8
- Mildew: 6
- Yellow Rust: 9
- Brown Rust: 3
- Septoria Nodorum: 6
- Septoria tritici: 6.2
- Eyespot: 5
- Fusarium Ear Blight: 6
- Orange Wheat Blossom Midge: R

### DISEASE RESISTANCE
- Short, stiff straw combined with good YR & ST disease resistance (BR requires monitoring)
- Stiff straw variety with good fusarium & OWBM resistance
- OWBM & SCKMV Resistance
- Taller variety with a quicker speed of development in the Spring - ideal for later sowing or the Blackgrass situation
- Taller straw variety with excellent security of grain quality (YR requires monitoring)
- Excellent disease resistance combined with OWBM - High tillering variety - Split PGR programme recommended
- Strong disease resistance plus OWBM - Earlier maturity for Northern growers - Split PGR required
- Excellent agronomic package with stiff straw and good disease resistance - Tried and tested earlier drilling variety

### PEDIGREE
- **Pedigree:** Cordiale x Gulliver (Kingdom x KWS Santiago) x Crusoe
- **Cassius x NAWW29** x KWS Santiago
- **Scribe x Horatio**
- **Hereford x Viscount** x Cassius
- **BanTam x Hunter** x Denman
- **Alchemia x Claire** x Shepherd

### All data from the AHDB Winter Wheat Recommended List 2020/21. R = Resistant, J = limited data. * = presence of Pch1 Rendezvous eyespot resistance gene. On the 1-9 scales, highe figures indicate that a variety shows the character to a high degree (e.g. High resistance).