

Group 4, Feed and Export

Limagrain

(Alchemy X Claire) X Shepherd

Revelation



Fungicide-treated grain yield (% treated control)

| | |
|----------------------------|----|
| United Kingdom (11.0 t/ha) | 98 |
| East region (10.9 t/ha) | 99 |
| West region (11.3 t/ha) | 97 |
| North region (10.7 t/ha) | 99 |

Main market options

| | |
|---------------------------|-----|
| UK distilling | Y |
| uks soft wheat for export | [Y] |

Grain quality

| | |
|-------------------------|-------|
| Endosperm texture | Soft |
| Protein content (%) | 11.3 |
| Hagberg Falling Number | 253 |
| Specific weight (kg/hl) | 76.7 |
| Chopin alveograph W | [78] |
| Chopin alveograph P/L | [0.3] |

Untreated grain yield (% treated control)

| | |
|----------------------------|----|
| United Kingdom (11.0 t/ha) | 80 |
|----------------------------|----|

Agronomic features

| | |
|---|----|
| Resistance to lodging without PGR (1-9) | 7 |
| Resistance to lodging with PGR (1-9) | 8 |
| Height without PGR (cm) | 85 |
| Ripening (days +/- JB Diego, -ve = earlier) | +3 |
| Resistance to sprouting (1-9) | 5 |

Disease resistance

| | |
|----------------------------|-----|
| Mildew (1-9) | 5 |
| Yellow rust (1-9) | 9 |
| Brown rust (1-9) | 8 |
| Septoria nodorum (1-9) | [6] |
| Septoria tritici (1-9) | 6.3 |
| Eyespot (1-9) | 8@ |
| Fusarium ear blight (1-9) | 7 |
| Orange wheat blossom midge | - |

Rotational position

| | |
|----------------------------|----|
| First cereal (11.4 t/ha) | 98 |
| Second and more (9.8 t/ha) | 99 |

Sowing date (most trials were sown in October)

| | |
|--|---------|
| Early sown (before 15th Sept) (11.1 t/ha) | 100 |
| Late sown (mid-Nov to end-Jan) (10.6 t/ha) | [[100]] |

Soil type (about 50% of trials are on medium soils)

| | |
|-------------------------|----|
| Light soils (10.7 t/ha) | 99 |
| Heavy soils (11.4 t/ha) | 98 |

Agronomic features

| | |
|---------------------------|------------|
| Latest safe sowing date # | End Jan |
|---------------------------|------------|

Variety Positioning

- Revelation has been a significant variety over the past few years but is becoming outclassed in yield and starting to drop back in popularity. Although approved for distilling it is not recommended in Scotland because of its late maturity.
- Suitable for both heavy and lighter soils. Performs well across all regions but its later maturity and susceptibility to sprouting has limited its Northern reach. Good as a first wheat and its 'Rendezvous' Eyespot resistance helps it in the second wheat slot.
- A very slow speed of development has made it a popular choice as an early driller which is further complemented by its medium height, stiff straw and good all round disease profile. Performs equally well in the main drilling window but less suited to late drilling. Moderate tillering and prostrate growth habit and good competitiveness against black-grass.
- Strong Eyespot scores and good Yellow Rust resistance but Brown Rust and *Septoria tritici* are weaker than the official ratings. An attractive variety for larger farms looking to spread both their drilling and harvest workload or for outlying land where spray programmes may need to be simplified. Requires monitoring for Orange Wheat Blossom Midge at the critical pre-flowering stage.

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

Agrii's ratings =()