

BELFRY



- + Very high yields, less bulk and ideal for heavy land
- + Improved standing, disease resistance and easy to grow

Breeder

Syngenta

Parentage:

Not declared

Type/status:

6-row hybrid
barley

Region:

UK

Agrii's preferred hybrid barley variety for heavy land due to its sensible height and stiff straw, while only being a couple of percent behind the leading varieties in terms of yield. Consistently high yields over the past three years in Agrii trials (102% treated, 82% untreated) and a reasonable specific weight (69.7 kg/hl).

It performs consistently well across all regions and soil types. High-tillering capacity with a semi-prostrate growth habit, it is very competitive against blackgrass. Drill from 20th September through to the end of October and, like the other hybrids, it is best used to maintain already low weed populations. It is the shortest (113 cm treated, 104 cm untreated) and stiffest (8) (7) of any of the hybrids. Medium maturity.

Good all-round disease resistance against mildew (6) (6), brown rust (6) (5), Rhynchosporium (7) (7) and net blotch (5) (5). Resistant to barley yellow mosaic virus.

| Agrii yield and grain quality - Agrii 3 year mean | | |
|---|---------------------|---|
| National fungicide treated yield (% controls) | 102.5 | |
| National specific weight | 64.1 | |
| Yield and grain quality - AHDB RL | | |
| UK fungicide treated yield (% controls) | 102.5 | |
| East fungicide treated yield (% controls) | 105 | |
| West fungicide treated yield (% controls) | 104 | |
| North fungicide treated yield (% controls) | 105 | |
| Untreated yield (% treated controls) | 87 | |
| Specific weight (kg/hl) | 68.8 | |
| Screenings through 2.25mm (%) | 2.5 | |
| Screenings through 2.5mm (%) | 9.3 | |
| Disease ratings (black = AHDB RL data red = Agrii data) [] = limited data | | |
| Mildew resistance (1-9) | 6 | 6 |
| Brown rust resistance (1-9) | 6 | 5 |
| Rhynchosporium resistance (1-9) | 7 | 7 |
| Net blotch resistance (1-9) | 5 | 5 |
| Barley mosaic virus resistance | Yes (strain 1 only) | |
| Barley yellow dwarf virus tolerance | No | |

Agronomic characteristics)

[] = limited data red = Agrii data

| | |
|---|-------|
| AHDB lodging resistance (PGR U/T) (1-9) | 7 |
| AHDB lodging resistance (PGR treated) (1-9) | 8 |
| Agrii lodging risk rating (PGR treated) | Lower |
| Straw height (no PGR) (cm) | 113 |
| Straw height (with PGR) (cm) | 104 |
| Maturity (days +/- KWS Orwell) early/med/late | 0 M |

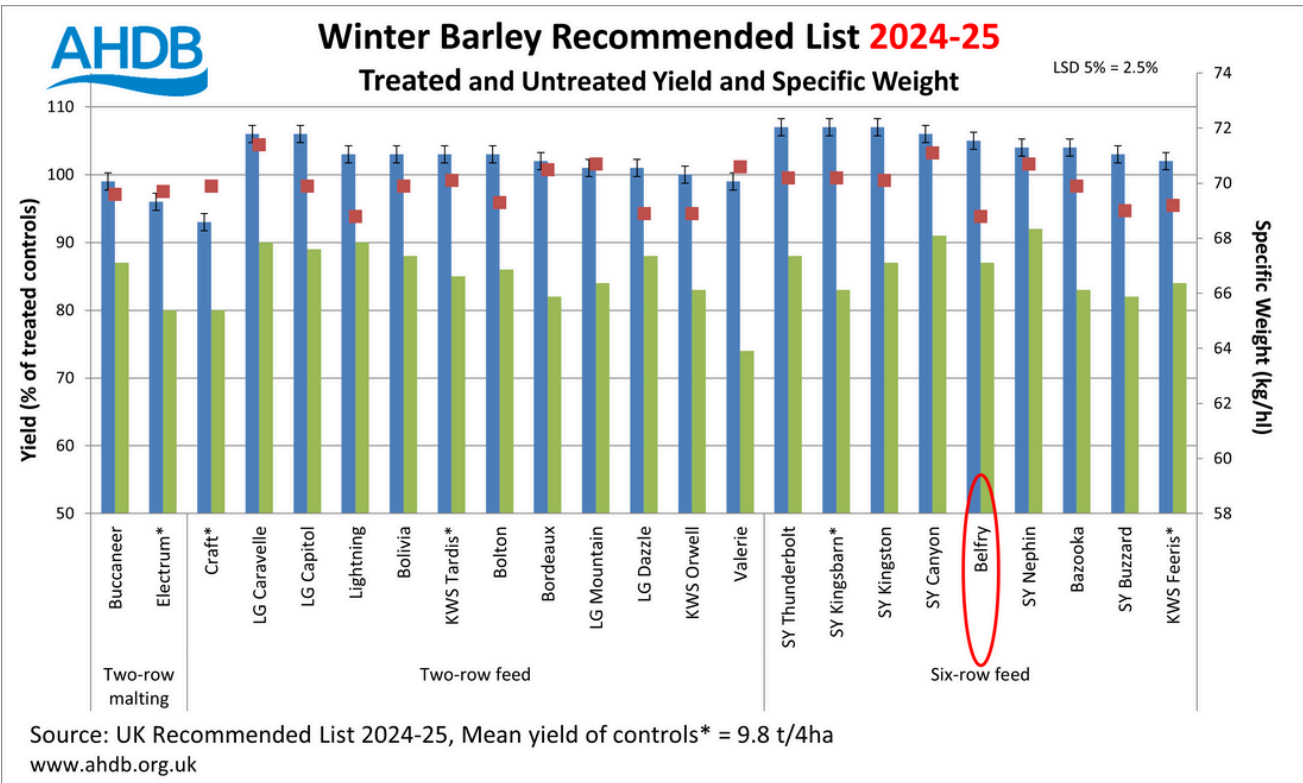
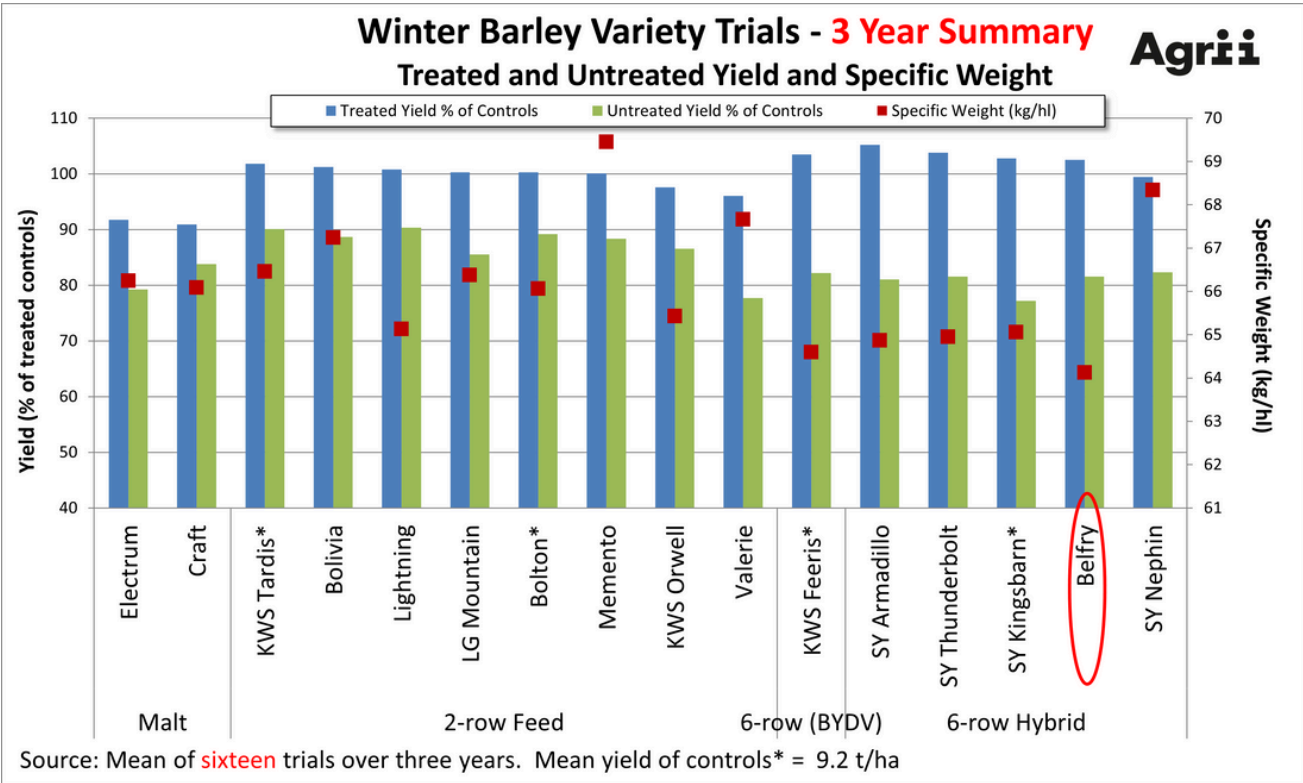
Other information, TNC = testing not complete

| | |
|--|-----------------|
| Current disease 'resilience' | Medium |
| Grassweed competitiveness | (****) |
| AHDB treated yields on light soils (% of controls) | 104 |
| AHDB treated yields on heavy soils (% of controls) | 102 |
| SRUC Scottish RL Status 2024/25 | Not Recommended |
| Agrii Variety Sustainability Rating | High |



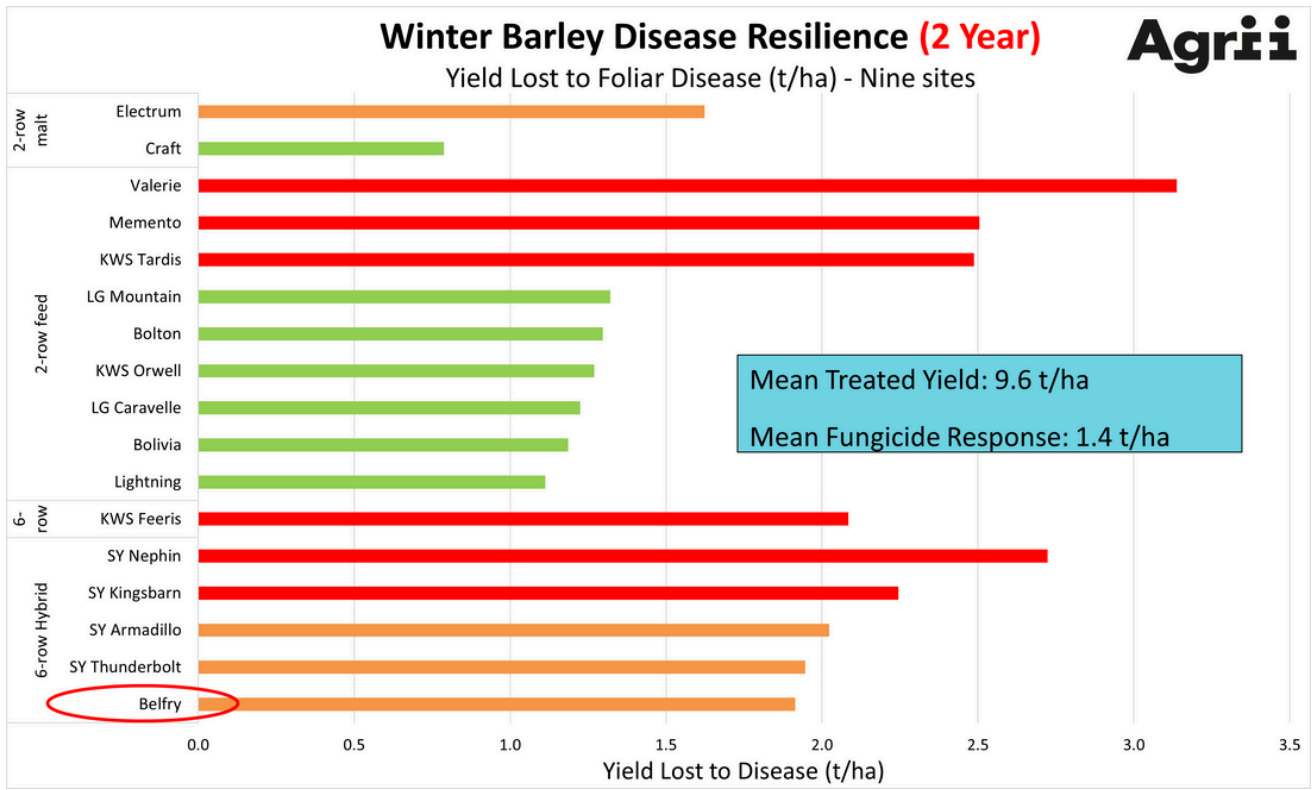
Note: Specific weights are assessed in the field and are consistently below those of cleaned samples.
Full RL dataset is available from AHDB at www.ahdb.org.uk

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