

SY VESSEL

The flexible winter malt variety with multiple end-use options



 **SY Vessel**
Winter barley

syngenta®

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SY VESSEL



SY VESSEL at a glance

- The only non-GN winter malting barley on the UK market
- Provisional Special Use MBC Approval for malt distilling with further suitability for brewing
- Competitive yields with good agronomic package

Mildew
Moderately resistant

Net Blotch
Moderately susceptible

BaYMV1 R

Brown Rust
Moderately resistant

Rhynchosporium
Moderately susceptible

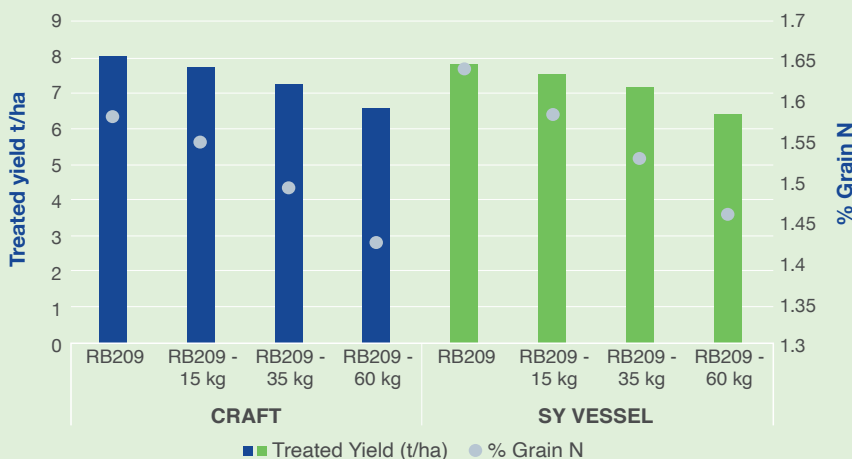
| Yield | |
|----------------------|-----------------------|
| England Treated t/ha | Scotland Treated t/ha |
| 8.4 | 8.2 |

| Grain Quality | |
|------------------------|-------------------------------|
| Hot Water Extract | 311.8 (l deg/kg) |
| Predicted Spirit Yield | 417.6 (laa/t) |
| Specific Weight | 70.8 kg/hl |
| % Screenings | 2.25 mm ~ 0.4 2.5 mm ~ 4.7 |

| Agronomics | |
|--------------------------------------|-------|
| Height (cm) | 85 |
| Resistance to lodging (1-9) | 3.5% |
| Resistance to brackling (+PGR) (1-9) | 16.2% |
| Ripening (Days +/- CRAFT) | 0 |

SY VESSEL has the ability to produce a range of % grain N, by adjusting inputs

By reducing total nitrogen applied, a range of % Grain N was achieved in SY VESSEL. These fit both brewing (1.6-1.75% N) and malt distilling (<1.65% N). Over a 4 year average a reduction of 15-35 kg N gave a % Grain N of below 1.65% whilst still achieving optimum yields.



| | Average % Grain N |
|------------------|-------------------|
| SY VESSEL | 1.55 |
| CRAFT | 1.51 |