



UK MALTING BARLEY HARVEST REVIEW 2022

Overall, UK harvest progress in 2022 was earlier than in any of the previous five years.

- **Spring barley** harvest in England and Wales was complete in all but the North East by end August, with harvest complete across the North East and Scotland by mid September. Harvest in Scotland started particularly early with nearly half of the area harvested by mid August. After a rapid start to harvest, progress slowed slightly. However, the majority of crops were harvested within just 5 weeks, reflecting the overall good conditions in Scotland during harvest. Moderate amounts of ergot were also found in spring barley samples with rejections running at higher levels than in previous years at some sites. Spring barley yields were above average, with yields for malting varieties ranging from 6.0- 9.0t/ha. As with most crops, yield variation largely reflected moisture availability. Moisture content tended to be low, with some crops harvested as low as 11%, though most were harvested at 13-15%.
- **Winter barley** harvest was largely completed by mid August with all regions except the North East and Scotland mostly finishing by the end of July. Very little lodging reported with less than 1% of the UK crop affected. Moderate amounts of ergot have been found in samples from central stores, resulting in downgrades to feed. Winter barley yields were close to or slightly above average, depending on soil type. UK average winter barley yield was 7.2-7.4t/ha, slightly higher than previous five-year Defra average for UK of 6.9t/ha. Reduced nitrogen applications due to high costs, combined with dry weather, resulted in occasional samples recording grain nitrogen levels at 1.5%. However, most samples have been at acceptable levels, ranging between 1.6-1.8%. Successful germination observed in over 95% of crop.
- **Most malting barley crops reached specification as below:**
- **Specific weight** – UK Winter barley average estimated at 66-68kg/hl; Spring barley 63-67kg/hl.
- **Grain Nitrogen** (malting varieties) – Winter barley averaged 1.6-1.7% throughout the season. Spring barley averaged 1.4-1.7%, with malting varieties falling within specification.
- **Screenings** – Winter barley typically in 2-3% range. Spring barley typically ranged between 2-5%.
- **Moisture** – Winter barley averaged 13.5-14.5% moisture content; very little grain required drying. Spring barley UK also averaged between 13.5-14.5%.
- **Germination** – Winter barley typically averaging between 95-99%; Spring barley UK average is also between 95-99%.

Surveys

Spring Barley variety	Planet	Laureate	Sassy	Diablo	Fairing	Others	Spring Average
Nitrogen %	1.61	1.44	1.41	1.41	1.99	1.64	1.46
Screenings <2.25mm %	3.0	2.1	1.4	1.9	2.1	5.5	2.2
Retention >2.5mm %	92.5	95.2	89.5	86.6	93.5	92.4	92.4
Moisture %	12.8	14.9	16.1	15.1	15.4	15.0	15.0
Winter Barley variety	Flagon	Craft	Electrum	Maris Otter	Others	Winter Average	Total Average
Nitrogen %	1.51	1.61	1.65	1.51	1.67	1.59	1.48
Screenings <2.25mm %	2.1	2.6	3.7	3.0	4.0	2.9	2.3
Retention >2.5mm %	93.7	91.7	87.9	88.6	87.3	90.4	92.0
Moisture %	12.7	12.9	12.6	12.8	13.9	13.1	14.7

MAGB Mycotoxin Monitoring Harvest 2022	
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Number of samples	237
Mean	28.8
Maximum	800.0
Minimum	0.0
Total tonnes assessed: 112,622	

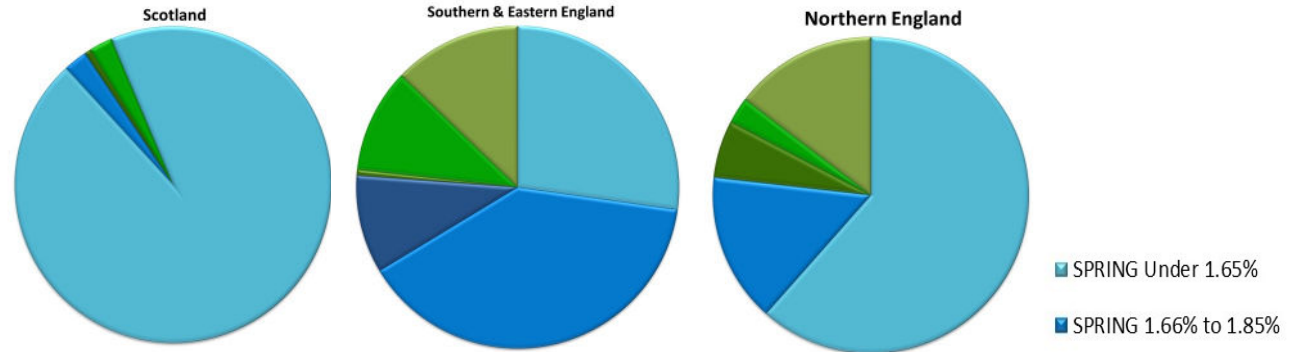


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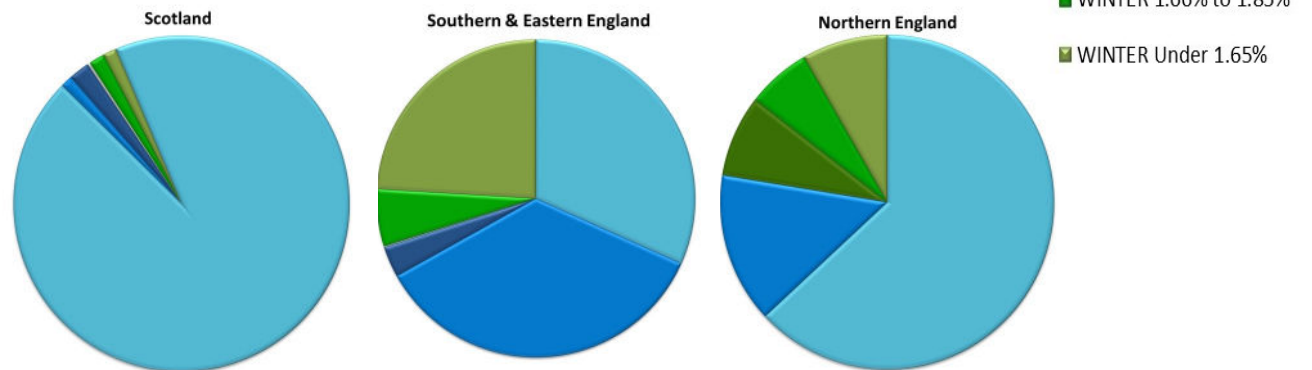
MALTING SITES IN BRITAIN



Wish List 2022 by nitrogen band



Actual purchases 2022 by nitrogen band (up to 30th September 2022)



The barley growing areas of the UK are largely on the east of the country, with particular concentrations in East Anglia, Yorkshire and the east of Scotland. These easterly areas have soils and climate suited for producing excellent quality malting barleys.