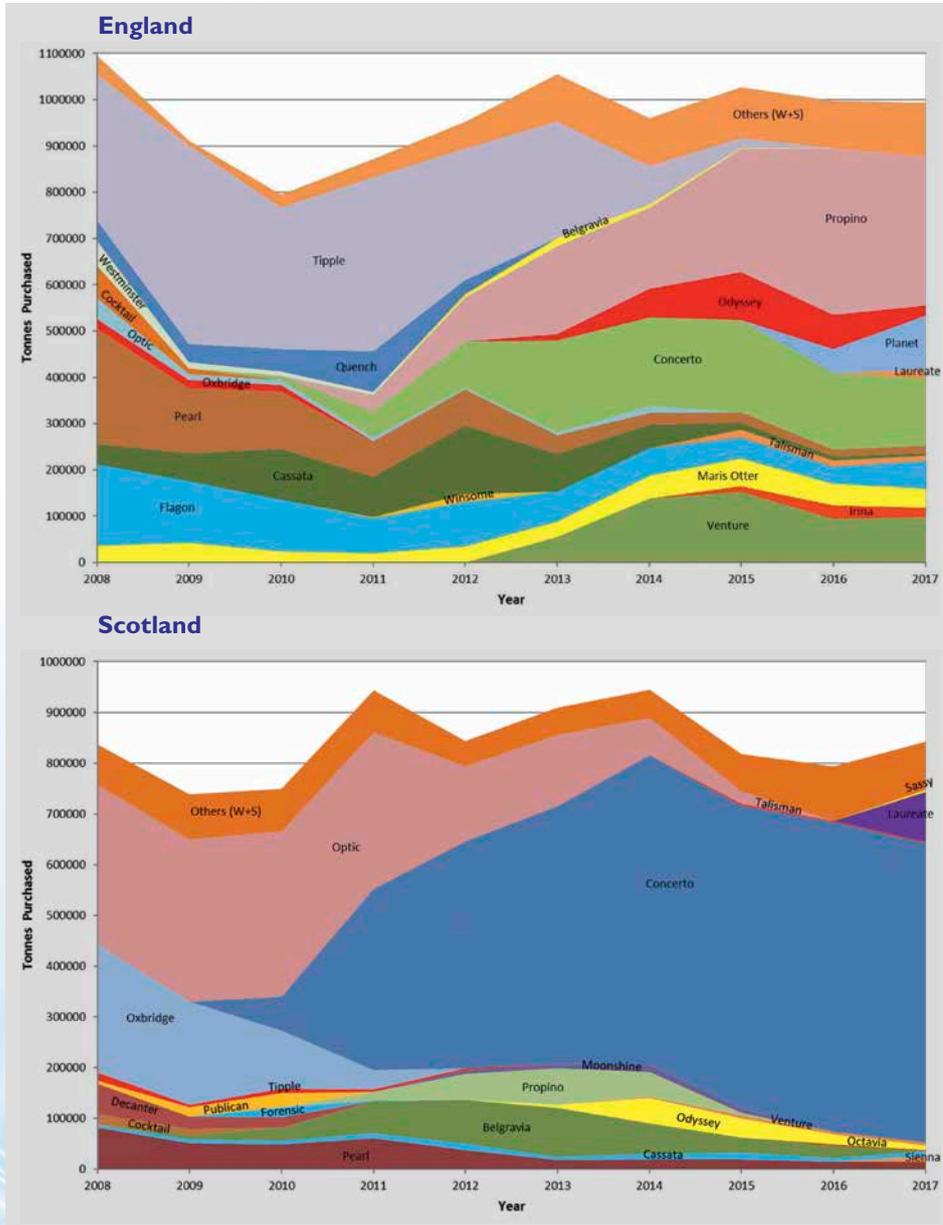


MAGB barley purchases England and Scotland combined 10 year trend

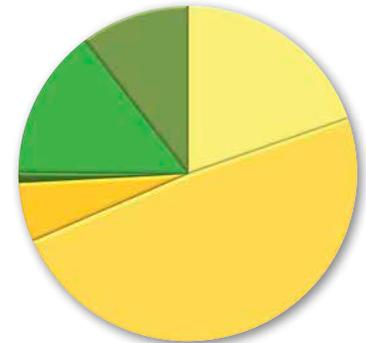


The maltsters' nitrogen wish-list

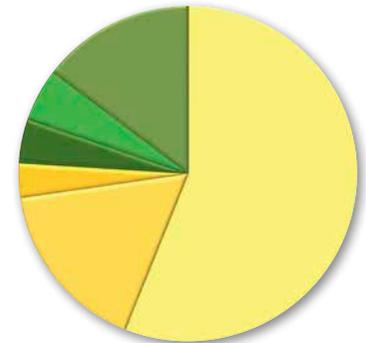
UK maltsters are likely to buy around 1.9 million tonnes of malting barley from the 2018 crop. To assist their suppliers they always show on the MAGB website

(www.ukmalt.com) early each year how that tonnage will be bought in different nitrogen bands, shown for Scotland and England. The charts for the 2018 crop wish-list are shown here.

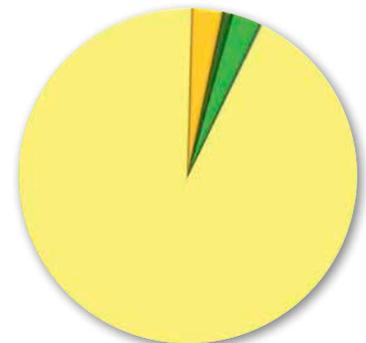
Southern & Eastern England



Northern England



Scotland



Nitrogen band

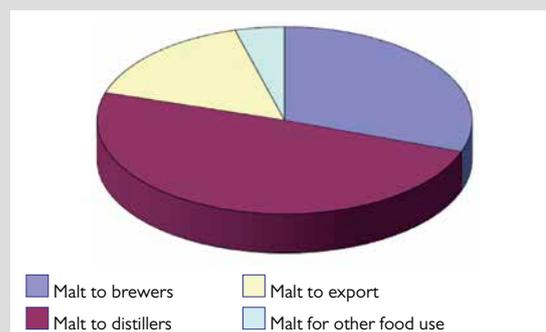
- Winter under 1.65%
- Spring under 1.65%
- Winter 1.66% to 1.85%
- Spring 1.66% to 1.85%
- Winter above 1.85%
- Spring above 1.85%

Forward Intake Period – Maximum Moisture

(1st November onwards for the crop year)

All malting barley deliveries must be presented at a maximum of 14.5% moisture unless agreed otherwise in advance with the intake point concerned.

The use of UK malt produced in 2017



The MBC approved malting barley list for 2019 harvest

The Malting Barley Committee has completed the Spring 2018 round of meetings to evaluate the potential of new malting barley varieties. This guide helps growers of malting barley identify varieties most likely to meet the needs of the market in the year ahead.

Changes to the MBC Approved List

- *Craft* has been given Full Approval for brewing
- *Fairing* has been granted Full Approval for grain distilling, following changes to the approval protocol specific to grain distilling varieties.
- *Chanson* has been moved to Provisional Approval 2 for brewing
- *Olympus* has been granted Full Approval for grain distilling, following changes to the approval protocol specific to grain distilling varieties.
- *Electrum* has been granted Provisional Approval 1 for brewing
- *LG Diablo* has been granted Provisional Approval 1 for brewing and malt distilling
- *RGT Asteroid* has been granted Provisional Approval 1 for brewing, malt distilling and grain distilling use.

Removals from the MBC Approved List

- *Talisman* has been removed from the list for brewing

| | Winter Varieties for Brewing Use | Spring Varieties for Brewing Use | Spring Varieties for Malt Distilling Use | Spring Varieties for Grain Distilling Use |
|------------------------|---|---|---|---|
| Full Approval | <i>Flagon</i> <i>Venture</i> <i>Craft</i> | <i>Concerto</i> <i>KWS Irina</i> <i>Laureate</i> <i>RGT Planet</i> <i>Propino</i> | <i>Concerto</i> <i>Laureate</i> <i>KWS Sassy</i> <i>Sienna</i> | <i>Fairing</i> <i>Olympus</i> |
| Provisional Approval 2 | | <i>Chanson</i> | | |
| Provisional Approval 1 | <i>Electrum</i> | <i>LG Diablo</i> <i>RGT Asteroid</i> | <i>LG Diablo</i> <i>RGT Asteroid</i> | <i>RGT Asteroid</i> |

Winter Variety Profiles

Flagon (Syngenta)

Flagon's UK share of the Winter malting barley purchased increased from 13.9% in 2016 to 20.6% in 2017. It has a yield some 2% lower than *Venture*, with high resistance to brown rust but is susceptible to net blotch.

Venture (Syngenta)

A high yielding variety for brewing with a high specific weight. Widely accepted by the malting industry with the largest market share in this sector at 37.6%. Has a relatively short straw for a malting variety and is resistant to the common strains of barley mosaic viruses, though is susceptible to *Rhynchosporium*.

Craft (Syngenta)

Promoted to Full Approval this year for brewing, with a high specific weight. Stiff strawed with good overall disease resistance. Resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

Electrum (Syngenta)

Promoted this year to Provisional Approval 1 for brewing, with a high specific weight and low screenings. The earliest maturing winter barley on the Recommended List, *Electrum* has performed best in the East and West regions and on heavier soil.

For full details of all malting barley purchases (Scotland and England) visit www.ukmalt.com

For full information on the agronomic characteristics and performance of varieties visit www.cereals.ahdb.org.uk

Spring Variety Profiles

Concerto (Limagrain UK)

Maintains almost half the UK market share at 47.3% and is Fully Approved for brewing and malt distilling. Moderate lodging resistance but high resistance to brackling, mildew and yellow rust, though it is susceptible to *Rhynchosporium*.

KWS Irina (KWS)

Fully approved for brewing, this variety is stiff-strawed, gives a very high treated yield and has the highest scores for lodging and brackling resistance of all malting varieties. High resistance to mildew but susceptible to brown rust and tends to give a rather low specific weight.

Laureate (Syngenta)

Fully approved last year for brewing and malt distilling. A high-yielding variety with a relatively stiff straw and high resistance to brackling and mildew.

RGT Planet (RAGT Seeds)

A high-yielding variety with full approval for brewing. Has performed well across the UK. Highest yielding spring barley in the West region. With a relatively stiff straw and high resistance to brackling. Very high resistance to mildew but is susceptible to brown rust.

Propino (Syngenta)

Fully approved for brewing use and suited to European markets. Propino has relatively stiff straw, with high resistance to brackling but is susceptible to yellow rust.

KWS Sassy (KWS)

Fully approved for malt distilling use. High yields in the North region, with moderate resistance to lodging and brackling. It has a very high resistance to mildew.

Sienna (Limagrain UK)

Fully approved last year for malt distilling, this variety gives a high specific weight. Has good overall disease resistance, with very high resistance to mildew.

Fairing (Syngenta)

Granted Full Approval for grain distilling this year. Early maturing with high resistance to mildew and *Rhynchosporium*. Can be susceptible to brown rust.

Olympus (Limagrain UK)

Granted Full Approval for grain distilling this year. Very high resistance to mildew. Limited data suggests it also has a high resistance to yellow rust, though it is susceptible to brown rust.

Chanson (Saaten Union)

Granted Provisional Approval 2 for brewing this year. A high yielding variety with moderate straw strength, tending to give a low specific weight. Limited data suggests it has a high resistance to mildew.

LG Diablo (Limagrain UK)

Granted Provisional Approval 1 this year, for brewing and malt distilling. The highest yielding spring barley in trials, on the 2018 Recommended List, performing particularly well in the East and North regions. With a relatively stiff straw and high resistance to brackling and mildew.

RGT Asteroid (RAGT Seeds)

Granted Provisional Approval 1 this year for brewing, malt distilling and grain distilling use. Given its best relative performance in the East region with relatively stiff straw and high resistance to brackling. Good yields in untreated trials. Limited data suggests high resistance to mildew and yellow rust, with a higher ramularia rating.