

Spring barley varieties for your farm and chosen end market

Product Update
28.01.2021



Whether it's a quality barley for brewing, malt distilling or grain distilling, or an out and out yielding feed, Syngenta has a spring barley for you. We are the only breeder in the UK to have a variety that fits every market. Here's a quick summary of spring barley varieties available from Syngenta this year, and their key markets and attributes:

LAUREATE

Laureate is the biggest variety across the whole of the UK with Full MBC Approval for brewing and malt distilling.

There are also multiple contracts available for low and moderate N.

- Second highest yielding variety with Full MBC Approval for brewing and malt distilling
- Very consistent disease resistance and untreated yields, remaining high after 4 years on the Recommended List (RL) 2021/22
- Moderate maturity (+1) suitable for England and Scotland

FAIRING

The only MBC Approved variety for grain distilling with high N contracts available. Check for your local available contracts.

- The earliest maturing variety on the RL 2021/22
- Excellent resistance to *Rhynchosporium*
- Good straw characteristics, which can hold up under higher nitrogen applications

SY TUNGSTEN

The top yielding variety with potential for brewing and malt distilling

- Provisional MBC Approval for brewing and malt distilling – some contracts will be available but ensure you check locally
- The highest yielding malting barley in the North
- Fantastic grain quality with high specific weight



SY SPLENDOR

High yielding malting barley with potential for brewing

- Provisional MBC Approval for brewing – some contracts will be available but ensure you check locally
- Unbelievably consistent over every region and every year tested
- Fantastic specific weight and straw characteristics – a good feed and grassweed suppressing option

Feed barley

Although no longer on the AHDB RL for 2021/22, Syngenta has two feed barley options which still maintain their place in the market.

- For a Scottish feed barley with excellent grain quality and high straw yields, WAGGON is still a great option.

- If you are looking for a feed variety with stiff straw, robust disease resistance and good specific weight then SCHOLAR could be the variety for you.

Further variety and agronomy information

For more information on these varieties plus advice on how to get the best out of them [click here](#) for a link to our Spring Guide.


GROWING FOR
END MARKETS



VARIETY DESCRIPTION

LAUREATE is a non-GN variety with Full MBC Approval for brewing and malt distilling. It is high yielding with an excellent disease and agronomic profile.

LAUREATE is the most widely grown spring malting barley in Scotland and has replaced Concerto as the main variety for malt distilling. It has strong performance for brewing too and will be a major variety for this spring in England and Scotland.

| | LAUREATE | RGT PLANET | LG DIABLO |
|--------------------------------|--|------------------|--|
| MALTING BARLEY APPROVAL | Full for Brewing Full for Malt Distilling | Full for Brewing | Full for Malt Distilling Full for Brewing |
| % TREATED CONTROLS | 101.1 | 99.5 | 102.1 |
| SPECIFIC WEIGHT (KG/HL) | 66.3 | 67.8 | 66.9 |
| RESISTANCE TO LODGING (NO PGR) | 7 | 7 | 7 |
| RIPENING | +1 | 0 | +2 |
| BROWN RUST | 5 | 5 | 5 |
| RHYCHOSPORIUM | 6 | 5 | 5 |

Source: AHDB Recommended List 201/22

CLICK TO FIND OUT MORE



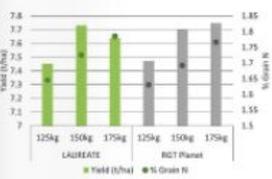
THINGS TO CONSIDER

- Strong support from end-users with multiple contracts available for both brewing and malt distilling.
- Many malsters will only take an MBC Approved variety. Check with your local contracts to see which variety they require for the coming growing season.
- Later applications of nitrogen will increase the final % N within the grain.
- Higher yielding varieties have a natural dilution effect, so high yields will decrease % grain N.

LAUREATE can be grown for both brewing and malt distilling, but these two markets require a different % grain N in order to make either beer or whisky. It is important to know which market your grain is going to, so you can tailor your nitrogen inputs and achieve the right specification for the market you are growing for.

LAUREATE FOR BREWING

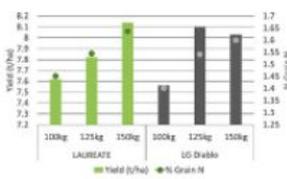
- Aim for a % grain N of 1.6-1.75%.
- 2 spits of nitrogen will help achieve higher % N.



Source: STN trials 2017-20 (Mean 11 sites across England)

LAUREATE FOR MALT DISTILLING

- Aim for a % grain N of below 1.65%.
- 100% application of nitrogen in the seedbed will help keep the nitrogen lower.



Source: STN trials 2019-20 (Mean 8 sites across Scotland)