



Quantil
Seed Services

Seeds Catalogue
Spring 2024



Spring Barley 2024

SPRING BARLEY CHARACTERISTICS

VARIETY	YIELD	DISEASE RESISTANCE			BRACKLING	PLANT HEIGHT	STANDING POWER	EARLINESS	SPECIFIC WEIGHT
		MILDEW	RHYNCHO SPORIUM	BROWN RUST					
SKYWAY	EX	EX	V.GOOD	FAIR	GOOD	TALL	GOOD	MEDIUM	EX
CADIZ	V.GOOD	EX	FAIR	FAIR	V.GOOD	TALL	GOOD	EARLY	V GOOD
KWS CURTIS	V.GOOD	EX	V.GOOD	FAIR	EX	SHORT	V.GOOD	MEDIUM	GOOD
LAUREATE	V.GOOD	EX	V.GOOD	GOOD	V.GOOD	SHORT	GOOD	MEDIUM	GOOD
LG DIABLO	V.GOOD	EX	GOOD	GOOD	V.GOOD	MEDIUM	GOOD	LATE	GOOD
RGT PLANET	GOOD	EX	GOOD	GOOD	V.GOOD	MEDIUM	GOOD	EARLY	V GOOD
SIENNA	FAIR	EX	FAIR	GOOD	GOOD	TALL	GOOD	MEDIUM	EX

KWS Curtis

- New high yielding feed variety
- Shorter variety with good standing ability
- High resistance to brackling
- Solid all round disease package with exceptional mildew & rhynchosporium resistance

Skyway (RGT Planet x NOS2105-11)

- Very high yielding dual purpose variety
- High specific weight
- Excellent resistance to mildew and rhynchosporium
- Taller variety with good lodging resistance
- Consistent performance over several years

Cadiz (Cresendo x NOS2014-11)

- Very high yielding out and out feed variety
- Excellent performer in Western regions
- Combines good grain quality and low screening losses
- Above average in height with good lodging and brackling resistance
- Excellent resistance to mildew

LG Diablo (Overture x Sanette)

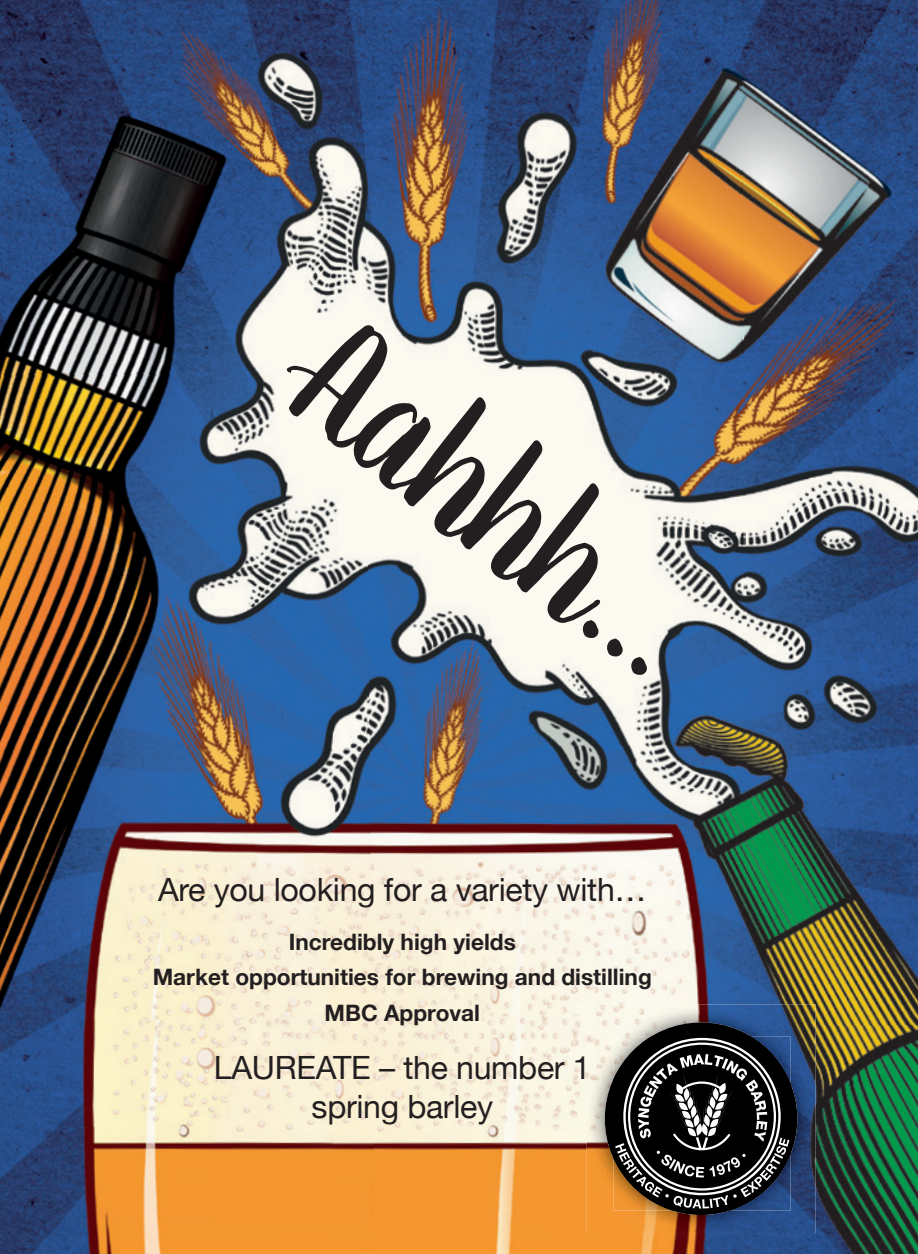
- High yielding with full approval for brewing and malt distilling
- Average in height with good lodging and brackling resistance
- Later to mature, giving options to spread workloads on farm
- Well-rounded disease resistance profile
- Produces grain with good specific weights and a high hot water extract level

RGT Planet (Tamtam x Concerto)

- Established, popular variety with full IBD Approval for brewing
- Proven performer with wide end user acceptance
- Consistent yields across all soil types and climates
- Very good mildew & Rhynchosporium resistance
- Earlier maturing variety

Sienna (Chronicle x Genie)

- Proven feed variety
- Attractive to the mixed farmer due to its high tillering & extra straw height
- Maintained the best specific weight score during its time on the RL
- High untreated yields due its rounded agronomic package
- Good brackling & lodging resistance



Are you looking for a variety with...

Incredibly high yields

Market opportunities for brewing and distilling

MBC Approval

**LAUREATE – the number 1
spring barley**



 **Laureate**
Spring barley

syngenta

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Spring Wheat 2024

KWS Fixum – (KWS Cochise x KWS Westfield)

- Very high yielding variety
- Group 4 feed wheat
- Good specific weights
- Slightly later maturing variety
- Robust variety with solid all round disease resistance

KWS Cochise – (Ashby x Lapis)

- Established, high yielding Group 2 variety
- Excellent grain quality with high specific weight & good protein content
- High resistance to mildew & brown rust but susceptible to yellow rust
- OWBM resistant



Spring Oats 2024

Oats are regarded as being a lower input crop due to their naturally high disease resistance and generally lower fertiliser requirements. Oats have higher oil and protein content than other cereals, which can be converted into improved livestock performance and are a traditional feed for horses. Oat straw is also very useful for the stock farmer for both feeding and bedding. Arable farmers will find Oats an excellent break crop with potentially high yields of quality grain suitable for the premium market of human consumption.

Merlin

- Very high yielding husked variety
- Excellent option for both the feed & milling markets
- High resistance to mildew
- Low screening losses
- Average in height with good resistance to lodging
- Early to mature

WPB Isabel (LW 03W0383-06 x Husky)

- Popular, high yielding husked variety (101%)
- Tall yet very stiff straw
- Outstanding grain quality with high specific weight and kernel content
- Low screening losses
- Moderate resistance to mildew & crown rust

The **highest yielding** spring wheat on the market

KWS FIXUM

- Highest yielding spring wheat in today's market
- Good all-round disease package
- Consistent over different sites and spring seasons



www.kws-uk.com

Data Source: AHDB Recommended List for Spring Wheat 2023/24 unless otherwise stated

SEEDING
THE FUTURE
SINCE 1856





Spring Beans 2024

Spring beans are ideally sown from early February onwards, although on kind soils they may be ploughed in from early January. Seed rates should be aimed at 45-55 seeds/m² with a final plant stand of about 40 plants per square metre. Sowing should be avoided on soils liable to burn up as bean benefit from a readily available supply of moisture. Later sown crops from early April could be under pressure in a dry season. Chocolate spot may need to be carefully monitored depending on the season, and black fly would most probably need controlling at some stage.

Lynx

- Popular, very high yielding variety
- Excellent resistance to Downy mildew
- Good standing ability at harvest
- Pale hilum type, as required by export markets

Vertigo

- Established & proven yielding variety
- Produces large seed with a high thousand seed weight
- Good standing ability at harvest
- Pale hilum type, as required by export markets

Arable Silage Mixtures

Arable Silage has been around for a long time but is again increasing in popularity as it offers a cost-effective, high-quality alternative or additional feed option to grass or maize silage. The mixtures provide a useful source of home-produced protein and because whole crop cereals are in the ground for a short their early harvest allows earlier reseeding or drilling of other autumn combinable crops.

Sowing rates are usually 75-85kg per acre or 35-50kg per acre if under sown with grass ley. Due to the inclusion of peas into the mix sowing should be delayed from standard cereal drilling time as the peas prefer dryer warmer seed beds normally from mid-March onwards. Harvesting is normally 12-14 weeks from sowing, with yields averaging 12-13 tonnes fresh weight per acre.



Popular mixes:

- 60% Barley / 40% Pea
- 40% Pea / 30% Oat / 30% Barley
- 60% Pea / 40% Barley
- 50% Pea / 50% Barley

Other mixtures are available on request

Other seeds available

- Spring Peas
- Spring Oil Seed Rape
- Linseed
- Amenity grass seed
- Agricultural grass mixtures
- Game cover crop mixtures
- Forage crop seeds
- Fodder Beet
- Maize
- Stewardship mixtures

KICK-OFF

UNLEASH YOUR SEED'S FULL SPEED

Kick-Off seed treatment for an impressive yield conversion



Independent trials ('21-'23) demonstrated yield increases of +6%



For every £1 spent on Kick-Off the farmer receives £11
(*based on Nov '23 prices)



Boosts root biomass and stress tolerance for a healthier plant saving input costs



8 key nutrients including phosphites + manganese + zinc + 19 amino acids



Fielder

Speak to your seed rep for more details or call us on +447912 868389 or visit us at fieldernutrition.com



Seed Rate Calculator

TGW (GRAMS)	36	38	40	42	44	46	48	50	52	54	56	58	60
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Seeds sown per m²

Seed Rate required kg/acre

200	29	31	33	34	36	37	39	41	42	44	46	47	49
250	36	38	40	43	45	47	49	51	53	55	57	59	61
275	40	42	45	47	49	51	53	56	58	60	62	65	67
300	44	46	59	51	53	56	59	61	63	66	68	70	73
325	47	50	53	56	58	61	63	66	68	71	74	77	79
350	51	54	57	60	62	65	68	71	74	77	79	82	85
375	55	58	61	64	67	70	73	76	79	82	85	88	91
400	58	62	65	68	71	73	77	81	84	88	91	94	97
450	65	69	73	77	80	84	87	91	94	97	102	106	109
500	73	77	81	85	89	93	97	101	105	109	113	117	121
550	80	84	89	93	98	102	107	111	116	120	125	129	133
600	87	92	97	102	107	111	116	121	126	131	136	141	146

(The above chart is intended as a guide, for further information contact the office)