



WINTER WHEAT

WINTER WHEAT CHARACTERISTICS

| VARIETY | YIELD | DISEASE RESISTANCE | | | | SPECIFIC WEIGHT | STRAW LENGTH | STANDING POWER | EARLINESS |
|--------------|--------|--------------------|------------------|-------------|------------|-----------------|--------------|----------------|-----------|
| | | MILDEW | SEPTORIA TRITICI | YELLOW RUST | BROWN RUST | | | | |
| BAMFORD | EX | GOOD | V.GOOD | GOOD | GOOD | V.GOOD | AVERAGE | V.GOOD | AVERAGE |
| LG BEOWULF | EX | GOOD | V.GOOD | FAIR | EX | GOOD | AVERAGE | EX | LATE |
| CHAMPION | EX | V.GOOD | EX | FAIR | V.GOOD | FAIR | AVERAGE | GOOD | AVERAGE |
| SY INSITOR | V.GOOD | V.GOOD | GOOD | GOOD | POOR | V.GOOD | TALL | GOOD | AVERAGE |
| KWS DAWSUM | V.GOOD | EX | GOOD | V.GOOD | EX | EX | SHORT | V.GOOD | AVERAGE |
| GLEAM | V.GOOD | GOOD | FAIR | GOOD | FAIR | GOOD | AVERAGE | V.GOOD | AVERAGE |
| GRAHAM | GOOD | GOOD | V.GOOD | FAIR | GOOD | GOOD | AVERAGE | V.GOOD | EARLY |
| RGT BAIRSTOW | GOOD | GOOD | FAIR | GOOD | V.GOOD | GOOD | TALL | GOOD | LATE |
| KWS EXTASE | GOOD | V.GOOD | EX | GOOD | GOOD | V.GOOD | TALL | V.GOOD | EARLY |
| LG TYPHOON | GOOD | V.GOOD | EX | GOOD | EX | GOOD | AVERAGE | V.GOOD | LATE |

Bamford (Moulton x EW129)

New for 2024

- Very high yielding group 3 (106%) with exceptional western performance (107%)
- Well-rounded agronomics package resulting in high untreated yields (92%)
- Consistent performance across all positions and land types
- Moderate straw length & stiffness
- Latest safe sowing date is end of January

LG Beowulf (Costello x Gleam)

New for 2024

- Very high yielding hard group 4 (106%)
- Excellent yellow rust & septoria resistance
- Slight susceptibility to brown rust
- Stiff, shorter straw with excellent standing power
- Latest safe sowing date is end of Jan

Graham (Premio x Expert)

- High yielding (102%), proven and extremely versatile group 4
- Solid disease profile with good resistance to septoria tritici and yellow rust
- Stiff, moderate height straw
- Consistent performer over the years & suitable for all scenarios
- Latest safe sowing date end of Jan

Champion (DSV20122 X Reflection)

- Very high yielding (106%) group 4 hard
- Excellent septoria tritici resistance & OWBM resistant
- Short straw with moderate strength, benefits from PGR programme
- Produces grain with lower-than-average specific weights
- Latest safe sowing date is middle of Feb

SY Insitor ((Hereford x Oakley) x Hereford)

- Very high yielding (104%) group 4 hard
- Consistent performance in most scenarios but well suited to light lands
- Excellent specific weight & OWBM resistant
- Tall variety with moderate straw strength, benefits from PGR programme
- Latest safe sowing date is end of Jan

KWS Dawsum (KWS Kerrin x Costello)

- Hugely popular, high yielding (103%) group 4 hard
- Good resistance to yellow rust, mildew & Septoria tritici
- Consistent performance across all scenarios but well suited to early sowing
- Very high specific weight due its Costello parentage
- Latest safe sowing date is end of Jan

Gleam (Hereford x KWS Kielder)

- High yielding (103%) group 4 hard
- Consistent performance across all regions & soil types
- Particularly well suited to early drilling & in the 2nd wheat slot
- Moderate disease resistance package will require more management
- Latest safe sowing date is middle of Feb

RGT Bairstow ((Revelation x Santiago) x Cougar)

- High yielding soft group 4 variety (102%)
- Strong yellow rust & brown rust resistance
- Well suited as a second cereal & in the later sown slot
- Moderate straw strength will require some management
- Wide sowing window with latest safe sowing date of end of Feb

KWS Extase (Boisseau x Solheio)

- High yielding (101%), group 2 bread wheat
- Extremely clean variety with high Septoria tritici & yellow rust resistance
- High protein content and good specific weights
- Suited to later drilling as very quick to develop & early to mature
- Can safely be sown until the end of Jan

LG Typhoon (Garrus X LGW88) *

- Low risk, versatile soft group 4 variety (100%)
- Excellent all round disease resistance package
- Great option for early drilling as slow to develop
- Relatively stiff short straw and good specific weight
- Latest safe sowing date is end of Jan

NEW
AHDB
RECOMMENDED

TOP BAMFORD '24.

Bamford. The most impressive Group 3 wheat to hit the UK market in years.

Bamford is the highest yielding soft wheat on this year's Recommended List - with standout figures of 106% treated and 92% untreated, there is no competition.

Bamford offers an enviable agronomic and disease resistance package that sets it up as one of the most competitive varieties available.

Bamford has unbeatable end-market flexibility as it delivers to feed, distilling, UK export and biscuit milling quality, making it the ideal choice in volatile market conditions.

Bamford is the wheat you can totally trust to deliver the best gross output potential.

Bamford is your unrivalled top choice for 2024.

BAMFORD

Winter Wheat

Speak to your seed merchant today about availability.

Elsoms 
The Seed Specialists
elsoms.com   

WINTER BARLEY

WINTER BARLEY CHARACTERISTICS

| VARIETY | YIELD | DISEASE RESISTANCE | | | | SPECIFIC WEIGHT | STANDING POWER | EARLINESS |
|-------------------|--------|--------------------|----------------|------------|------------|-----------------|----------------|-----------|
| | | MILDEW | RHYNCHOSPORIUM | BROWN RUST | NET BLOTCH | | | |
| SY QUANTOCK (HY) | EX | V.GOOD | V.GOOD | GOOD | FAIR | EX | V.GOOD | EARLY |
| SY KINGSBARN (HY) | EX | V.GOOD | V.GOOD | FAIR | FAIR | V.GOOD | GOOD | AVERAGE |
| SY CANYON (HY) | EX | V.GOOD | GOOD | GOOD | GOOD | EX | GOOD | EARLY |
| LG CARAVELLE | EX | V.GOOD | GOOD | V.GOOD | GOOD | EX | V.GOOD | AVERAGE |
| SY NEPHIN (HY) | EX | GOOD | V.GOOD | V.GOOD | GOOD | EX | GOOD | AVERAGE |
| SY KESTREL (HY) | EX | GOOD | V.GOOD | GOOD | GOOD | V.GOOD | V.GOOD | EARLY |
| KWS TARDIS | V.GOOD | FAIR | GOOD | GOOD | GOOD | V.GOOD | EX | AVERAGE |
| BOLTON | V.GOOD | GOOD | FAIR | V.GOOD | FAIR | GOOD | EX | AVERAGE |
| SURGE | GOOD | FAIR | V.GOOD | V.GOOD | FAIR | V.GOOD | V.GOOD | AVERAGE |
| VALERIE | FAIR | V.GOOD | GOOD | POOR | FAIR | V.GOOD | EX | EARLY |

2-ROW

LG Caravelle (LGBUT1-5495-B x KWS Moselle)

- Highest yielding 2-row winter barley on 24/25 RL (106%)
- Medium height, with relatively stiff straw
- Good resistance to mildew & Rhynchosporium
- Produces grain with v.good specific weights
- Best performance on heavier soils

KWS Tardis (11-12 x KWS Orwell)

- Very high yielding 2-row feed (103%)
- Most widely grown variety in the UK
- Shorter but very stiff variety
- Good resistance to Rhynchosporium & brown rust
- Slightly later maturing & well suited to heavier land

Bolton (KWS Cassia x California)

- Very high yielding 2-row feed variety (103%)
- Short, stiff straw
- Moderate resistance to brown rust & mildew
- Performs well on heavier soil
- Low brackling percentage

Surge (SJ053088 x Flight)

- High yielding 2-Row (101%)
- Good Rhynchosporium & brown rust resistance
- Performs well on heavier soil
- Short, moderately stiff straw
- Produces a bold grain with a high specific weight

Valerie (207-589 x Sandra)

- Low risk 2-row feed variety (99%)
- High specific weight & lowest screening losses
- Short, stiff straw
- Earlier to mature offering flexibility at harvest
- One of very few varieties to have resistance to both strains of BaYMV

HYBRID 6-ROW

SY Canyon ****Semi-exclusive****

- Very high yield potential (106%)
- Tall variety but responds well to PGR applications
- Robust disease resistance resulting in high untreated yields
- Excellent grain quality with 2nd highest specific weight score on RL List
- Low brackling

SY Kingsbarn

- Very high yielding winter barley (107%)
- Tall, stiff straw
- Barley Yellow Mosaic Virus resistant
- Good mildew & Rhynchosporium resistance
- Consistent performer in all regions and on all soil types

SY Nephin

- High yielding (UK 104%)
- Well rounded disease resistance package giving high untreated yield potential
- Joint 3rd highest spec weight on the 24/25 RL
- Well suited to lighter lands

KWS Inys (Candidate)

- Highest yielding winter barley variety in its NL1 and NL2 years
- 10% lower brackling than the current market leading hybrid barley
- High untreated yield ([93]%) driven by a robust disease profile
- INYS should be drilled at 200 seeds/m2 from mid Sept to mid Oct

SY Quantock (Candidate)

- Very high yielding potential and exceptional performance in the west
- Very high untreated yield and excellent disease resistance
- Low lodging, early to mature and a comparable specific weight to Tardis
- Excellent grass weed suppression

SY Kestrel (Candidate)

- An excellent agronomics package including resistance to BYDV
- High untreated yield
- Low lodging, and early to mature
- Excellent grass weed suppression



WINTER BARLEY CHOICE MADE EASY



LG CARAVELLE WINTER BARLEY

- Highest yielding 2-row winter barley on the 24/25 RL
- Robust disease resistance package
- Excellent specific weight



WINTER OATS

Oats combine high yield potential on lower inputs than other cereals and combined with this are regarded as an excellent break crop against Take-all. For the stock farmer, 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 improve 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.

Cromwell (Mascani x 2009-215)

- Very high yielding variety (103%)
- Excellent grain characteristics with high specific weight & kernel content
- Short, very stiff straw
- Good potential with millers
- Needs monitoring for mildew & crown rust

Mascani (CWO 02/18/05 x 87 – 42 CN1/2/2)

- The most widely grown UK winter oat variety
- Highest grain kernel content on RL
- Good resistance to crown rust and mildew
- Medium straw length, with good standing ability
- Produces grain with very good specific weight and low screenings.

WINTER BEANS

Winter beans are an ideal break crop for heavier soils and provide an excellent entry for winter wheat. They can be drilled or ploughed in from October. Earlier sowings are not advisable as this can promote winter proud crops which may lead to weather damage and early chocolate spot. Seeding rates may vary according to sowing times and conditions, but as a rough guide, target spring population should be to have 40 flowering stems per square metre. Ideally beans should only be grown once in 5 years on the same field.

Vespa

- Very high yielding
- Medium to late maturity
- Short plants with good standing ability
- Below average TGW & high protein content

HYBRID RYE

Rye is often used for one of two reasons, grain production or forage whole cropping. Varieties are available to suit either purpose. Traditionally within the UK, winter types are grown and should not be drilled beyond mid-February. Hybrid rye has now largely replaced conventional rye & although the cost of seed is higher, they are often drilled at a reduced rate (70%).

SU Performer

- High yielding, established variety
- Tall, relatively stiff straw
- Good specific weight
- Slightly susceptible to brown rust

WINTER OIL SEED RAPE

Winter oil seed rape prefers medium to sandy soils where seed bed preparation is quick to avoid compaction. Good drainage and a compaction free seed bed are essential to enable the plant to produce a good tap root for yield building. Drilling time should be from the middle of August to early September and should be kept to a one in five-year rotation.

Ambassador

- High yielding hybrid variety (104%)
- Short plant with good lodging resistance
- Average oil content
- Early flowering with medium maturity
- Average resistance scores for both Light Leaf Spot and Stem Canker
- Susceptible to Verticillium, resistant to TuYV
- TuYV resistant

Aspire

- Good yielding conventional variety (96%)
- Short plant with good lodging resistance
- Good oil content
- Early to flower and medium/late maturity
- Good resistance to Light Leaf Spot, and average Stem Canker resistance
- TuYV resistant with an intermediate score for verticillium

Clearfield (CL) oilseed rape is a production system combining high quality hybrid seed with innovative herbicides. The system is providing an alternative approach to the control of brassica weeds. With a renewed positive outlook for oilseed rape grain, excellent performance on difficult weeds like charlock will bring new opportunities to grow the crop on the farm.

WINTER TRITICALE

A hybrid of wheat & rye, Triticale is especially suited to lighter, drought prone soils and marginal land of low fertility. Sowing generally takes place for early October, as too much autumn growth can lead to lodging. Growth regulators will generally be advantageous. Fungicide use compared to other cereals would generally be lower but with the increase in area being grown, all varieties are becoming susceptible to disease, therefore control may be needed at some stage in the season. Triticale is an ideal alternative to wheat on lighter land and as a 2nd or 3rd cereal crop.

KWS Fido

- High yielding, highly popular (101%) variety
- Average in height with excellent standing power
- Excellent specific weight levels
- Slightly later maturing
- Lower than average protein content levels

SEED TREATMENTS

Single Purpose

For the control of seed and soil borne fungi in cereals, Bunt, Smuts, Barley Leaf Stripe, Seedling Blight and Foot Rots. Chemicals we use are Beret Gold (Wheat & Oats) and Rancona I-MIX (Barley).

Insecticides - Signal

Controls Wheat Bulb Fly, Wireworm & Frit fly damage in autumn sown wheat and barley crops. Signal is co-applied with commonly used fungicide seed treatments.

Added Value Treatments -

NUELLO iN **New for 2024**

NUELLO iN is a biological seed treatment containing a unique blend of nitrogen fixing endophyte bacteria that are proven to capture nitrogen directly from the atmosphere. Isolated from willow trees on the banks of the nutrient lacking Washington river, these endophytes were found to be providing up 65% of the total nitrogen these trees used. When seasons are as wet as they have been, and crop spraying options are hampered, a biological crop protection system like NUELLOiN can be a much-needed boost of nitrogen when it's difficult to access the fields for spraying.

Vibrance Duo

Vibrance Duo is an SDHI based treatment aimed at boosting early root development and optimising the establishment of your crop. This helps to provide a healthy foundation for the plant therefore leading to better control of a broad spectrum of establishment diseases such as Fusarium, Septoria Nodurum, Common bunt and Smut. Improved early establishment and rooting provides the necessary starting point for higher yields.

Manganese Trio

Manganese Trio is blend of manganese, sulphur trioxide, copper & zinc. This seed treatment can be an effective way of supplying key elements to new seedlings where root and stem development can be restricted because of soil deficiency. This will improve early vigour of the crop and winter hardiness. A lack of elements at this early stage results in a weakened crop being more susceptible to fungal attack and can suffer severe yield losses.

Latitude

Latitude seed treatment gives significant control of Take All in winter cereals in high-risk situations and especially on early sowings. It improves nutrient and water uptake and nitrogen use thus enabling the crop to withstand late season drought. Bushel weights are also improved therefore leading to yield increases. Latitude is used in conjunction with a single purpose chemical.

Kick-Off

Kick-off is a Nitrogen, Phosphate, Potash, Manganese and Zinc containing seed treatment designed to get plants off to the best possible start. Kick-Off is proven to speed up rooting, improve seedling emergence and provide increased winter hardiness.

Seed Testing

Working closely with a licensed seed testing station, we send samples for testing daily. Simply drop in a sample and we will arrange the rest for you. Our seed testing process offers product analysis of germination, purity, vigour & disease.

Farm Saved Seed

Bring your saved seed to us, and we will prepare it for sowing. We clean it to the highest possible standard, apply your choice of seed treatment, bag it into new seed bags and deliver at your convenience on one of our haulage vehicles. Post-delivery we declare the tonnage cleaned to the BSPB & they will collect the breeder's royalty payment directly.

Nuello® iN | The right start

The breakthrough seed treatment
that infuses your crop with natural
nitrogen from the atmosphere.



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