

AHDB Recommended Lists for cereals and oilseeds 2019/20

Variety comments

Recommended List for winter wheat

Varieties Added (5)	Varieties removed (11)
KWS Extase (Group 2)	Cordiale (Group 2)
LG Detroit (Group 2)	Spyder (Group 3)
KWS Firefly (Group 3)	Hardwicke (Group 4 soft)
LG Skyscraper (Group 4 soft)	Moulton (Group 4 soft)
LG Spotlight (Group 4 soft)	Savello (Group 4 soft)
	Dickens (Group 4 hard)
	Freiston (Group 4 hard)
	Grafton (Group 4 hard)
	KWS Santiago (Group 4 hard)
	KWS Silverstone (Group 4 hard)
	Reflection (Group 4 hard)

Two new nabim Group 2 varieties have been added to the Recommended Lists.

KWS Extase: Added to the AHDB Recommended List for 2019/20 as a nabim Group 2 wheat and classified as a **ukp** bread wheat for export. KWS Extase gives high Hagbergs and specific weights and gives good proteins. This variety has produced high yields in the West region and limited data suggest this variety has a high yield potential in the North region. It is a medium-tall variety with relatively stiff straw. KWS Extase has given exceptionally high yields in untreated trials. It has high resistance to yellow rust and has the highest rating for resistance to septoria tritici on the 2019/20 Recommended List.

LG Detroit: Added to the AHDB Recommended List for 2019/20 as a nabim Group 2 wheat and classified as a **ukp** bread wheat for export for the East and West region. It has high Hagbergs and gives good proteins. This variety has produced high yields in the West region. LG Detroit has high resistance to yellow rust, above-average resistance to fusarium ear blight, and is the only Group 2 variety with resistance to orange wheat blossom midge.

One new nabim Group 3 variety has been added to the Recommended Lists. **KWS Firefly:** Added to the AHDB Recommended List for 2019/20 as a high-yielding nabim Group 3 wheat and classified as a **uks** soft wheat for export. It has a low specific weight and is rated as 'poor' for distilling, due to low alcohol levels. This short, stiff-strawed variety has produced high yields in the East and West regions and has performed well on heavier soils. KWS Firefly has improved septoria tritici resistance over established Group 3 varieties and has given high yields in untreated trials. It has high resistance to yellow rust and brown rust, combined with resistance to orange wheat blossom midge.

Two new nabim Group 4 soft varieties have been added to the Recommended Lists. **LG Skyscraper:** Added to the AHDB Recommended List for 2019/20 as a soft-milling, very high-yielding feed variety for the UK. It is rated as 'medium' for distilling. This variety has given very high yields across the UK, the highest on the 2019/20 Recommended List, as well as across a range of soil types (based on limited data for light soils) and rotational positions. This medium-tall variety has high resistance to yellow rust, combined with resistance to orange wheat blossom midge.

LG Spotlight: Added to the AHDB Recommended List for 2019/20 as a soft-milling, very high-yielding feed variety for the UK. It is rated as 'medium' for distilling. LG Spotlight has given very high UK yields and has a very high yield potential in the West region. This relatively stiff-strawed variety has performed particularly well on heavier soils. It has high resistance to yellow rust, combined with resistance to orange wheat blossom midge and above-average resistance to fusarium ear blight.

Recommended List for spring wheat

Varieties Added (2)	Varieties removed (1)
KWS Talisker (Group 4 hard)	Granary (Group 2)
Hexham (Group 4 hard)	

Two new nabim Group 4 hard varieties have been added to the Recommended Lists.

KWS Talisker: Added to the AHDB Recommended List for 2019 as a hard-milling high-yielding feed variety with a high specific weight. This variety has shown high yield potential from spring sowings. It has high resistance to yellow rust, septoria tritici and mildew (limited data) but is susceptible to brown rust.

Hexham: Added to the AHDB Recommended List for 2019 as a hard-milling high-yielding feed variety with a high specific weight. This later maturing variety has shown high yield potential from spring sowings and is the highest yielding spring wheat in late-autumn sown trials. It has given high yields in untreated trials and has high resistance to yellow rust, septoria tritici and mildew (limited data).

Recommended List for winter barley

Varieties Added (6)	Varieties removed (2)
KWS Gimlet (two-row feed)	Coref (two-row malting)
LG Mountain (two-row feed)	Talisman (two-row malting)
LG Flynn (two-row feed)	
Valarie (two-row feed)	
SY Baracooda (six-row feed)	
SY Kingsbarn (six-row feed)	

Four new two-row feed varieties have been added to the Recommended Lists.

KWS Gimlet: Added to the AHDB Recommended List for 2019/20 as a high-yielding two-row feed variety. This relatively tall variety is the highest yielding two-row feed variety on the 2019/20 Recommended List and has performed particularly well in the East region. Over three years of testing, KWS Gimlet has shown no major weaknesses in disease resistance. It is resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

LG Mountain: Added to the AHDB Recommended List for 2019/20 as a high-yielding two-row feed variety. This short-strawed variety has performed particularly well in the East and North regions. It is relatively early to mature and has given the highest yields of all two-row feed varieties on light soils. Over three years of testing, LG Mountain has shown high resistance to brown rust and no major weaknesses in other diseases. It is resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

LG Flynn: Added to the AHDB Recommended List for 2019/20 as a high-yielding two-row feed variety with a high specific weight. This variety has performed particularly well in the East and West regions. Over three years of testing, LG Flynn has shown high resistance to brown rust but it is susceptible to mildew. It is resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

Valerie: Added to the AHDB Recommended List for 2019/20 as a two-row feed variety with a high specific weight. This variety has performed particularly well in the East region, where it is high yielding. Valerie combines good grain quality characteristics with high resistance to lodging and is relatively early to mature. Over three years of testing, this variety has given good yields in untreated trials and has good overall disease resistance, including very high resistance to brown rust. It is resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

Two new six-row feed varieties have been added to the Recommended List.

SY Baracooda: Added to the AHDB Recommended List for 2019/20 as a very high-yielding six-row hybrid feed variety. This variety has performed particularly well in the East region and the West region (based on limited data), where it is very high yielding. It is a relatively tall variety but responds well to PGRs. Over three years of testing, SY Baracooda has given good yields in untreated trials and has high resistance to mildew and rhynchosporium. It is resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

SY Kingsbarn: Added to the AHDB Recommended List for 2019/20 as a very high-yielding six-row hybrid feed variety with a high specific weight. It is the highest yielding feed variety in the East region on the 2019/20 Recommended List. This variety has good lodging resistance and responds well to PGRs. Over three years of testing, SY Kingsbarn has given good yields in untreated trials and has good overall disease resistance, including high resistance to rhynchosporium. It is resistant to the common strains of barley mosaic viruses (BaYMV strain 1 and BaMMV).

Recommended List for spring barley

Varieties Added (1)	Varieties removed (0)
Cosmopolitan (malting)	

No varieties have been removed, however, LG Tomahawk is now listed as a feed variety.

One new malting variety has been added to the Recommended List.

Cosmopolitan: Added to the AHDB Recommended List for 2019 as a very high-yielding variety with potential for brewing (under test). This variety is the highest yielding spring barley on the 2019 Recommended List. It has performed well in all regions and given good yields in untreated trials. Limited data suggest that this variety has relatively stiff short straw. Over three years of testing, Cosmopolitan has shown no major weaknesses in disease resistance, although data is limited. Cosmopolitan has mlo resistance to mildew, however, there is currently insufficient data to produce a robust disease rating. Growers are advised to speak to merchants before committing to this or other varieties in this position.

Recommended List for winter oilseed rape

UK (both East/West and North regions)	
Varieties added (6)	Varieties removed (1)
Aspire	DK Secret
Ballad	
DK Expansion	
Crome (specific – clubroot resistance)	
Temptation (specific – TuYV resistance)	
PT279CL (specific – herbicide tolerant)	

East/West	
Varieties added (0)	Varieties removed (0)
PT275	
George	

North	
Varieties added (4)	Varieties removed (3)
DK Exsteel	DK Imagis CL
	SY Harnas
	V 324 OL

Nine varieties have been added to the winter oilseed rape Recommended List.

Aspire: A conventional, open-pollinated variety added to the 2019/20 Recommended List for the UK. Aspire has given a very high treated gross output in both the East/West and North regions. It has high resistance to lodging and is very stiff-stemmed. Aspire has high resistance to light leaf spot and is resistant to Turnip Yellow Virus (TuYV).

Ballad: A conventional, open-pollinated variety added to the 2019/20 Recommended List for the UK. Ballad has given a very high treated gross output in the East/West region and North region. It has high resistance to lodging and is very stiff-stemmed.

DK Expansion: A restored hybrid variety added to the 2019/20 Recommended List for the UK, giving a high treated gross outputs in both the East/West and North regions. DK Expansion is a relatively tall variety but has high resistance to lodging with good stem stiffness. It has high resistance to stem canker.

PT275: A restored hybrid variety added to the 2019/20 Recommended List for the East/West region. It has given a very high treated gross output in the East/West. It has high resistance to lodging with good stem stiffness.

George: A restored hybrid variety added to the 2019/20 Recommended List for the East/West region. It has given a high treated gross output in the East/West. George has high resistance to lodging with good stem stiffness. Limited data suggest that this variety has high resistance to stem canker.

DK Exsteel: A restored hybrid variety added to the 2019/20 Recommended List for the North region. This variety has given a very high treated gross output in the North. It is a relatively tall variety but has high resistance to lodging with good stem stiffness. DK Exsteel has high resistance to both light leaf spot and stem canker.

Crome: A restored hybrid variety added to the 2019/20 Recommended List with a specific recommendation for its resistance to the common strains of clubroot. Crome has given a high treated gross output in both the East/West and North regions. This variety has high resistance to lodging with good stem stiffness at maturity. Limited data suggest that this variety is susceptible to stem canker.

Temptation: A restored hybrid variety added to the 2019/20 Recommended List with a specific recommendation for resistance to Turnip Yellow Virus (TuYV). Temptation has given a high treated gross output particularly in the East/West region. It has high resistance to lodging.

PT279CL: A restored hybrid variety added to the 2019/20 Recommended List with a specific recommendation as a variety tolerant to specific herbicides (VTTS). It has high resistance to lodging with good stem stiffness. It is a relatively early maturing variety. This variety is one of a number of available restored hybrid Clearfield varieties which have tolerance to specific imidazolinone (IMI) herbicides. Growers are advised to see the BASF website for more information on the management and husbandry of these types of varieties.

Recommended List for oats

Winter oats	
Varieties added (0)	Varieties removed (3)
No new varieties added	Maestro (husked)
	RGT Victorious (husked)
	Beacon (naked)

Spring oats	
Varieties added (1)	Varieties removed (2)
Elison (husked)	Montrose (husked)
	Rozmar (husked)

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