



# T DENNE & SONS

## FIRST CROP SEEDS



## Harvest 2019 Year Book



**T DENNE  
& SONS**

a trading division of T Denne & Sons (Holdings) Limited

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## Welcome

Welcome to our Harvest 2019 Combinable Seeds Brochure.

This year, in addition to the main factors of varieties and markets, we have included details on the following:

- Launch of our new Mobile Seed Cleaner
- New grain storage and Phase 1 of our improved processing facilities at Whitehill Store
- Impact and Options around new Ecological Focus Area requirements
- Grass Seed production as part of an Arable Rotation

One focus for us all is the increasing pressure on availability of numerous agrochemicals and the direct impact this has on our production plans, be that more spring cropping, less second cereals, shift in drilling dates and ever greater challenges around crop establishment. Throughout this brochure we have sought to tailor our opinions and guidance with the points above in mind

Again, this year we will be holding our Cereals Variety Trials Day at High Chimney Farms near Canterbury on Friday 22nd June. In conjunction with Zantra we will be demonstrating a range of established and new Winter Wheats, as well as a range of Spring cereal varieties. All plots are over laid with fungicide, PGR and Nitrogen input trials.

We hope you find this brochure of interest and look forward to discussing the points included

**Andrew Bourne**

May 2018



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TAKE-ALL STEAL  
YOUR YIELD**

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## Wheat General Points

Following an upturn in prices in the last season partly due to currency movement and tight supply, the “futures” show very little price range for both 2017-18 and 2018-19 seasons (April 2017). Decisions on what to plant will be influenced by the end markets for each variety. These are highlighted for each group but in some years, best laid plans turn to dust i.e. 2015 with low hagbergs 2016 with low premiums. An option then can be deliveries to “futures” stores where a feed wheat base is used but can add premiums later. As there are only a few feed homes locally, future stores are a very important outlet. We have also seen how fickle the premiums can be during this season. This season could also see premiums under pressure with the large area being grown of Group 1&2 varieties.

Output quoted below is yield **price** premium. Area statistics are quoting regional figures.

### Group 1

With 60% (↓1%) of the area within this Group for harvest 2018, premiums will again depend on the harvest results. With no local millers, extra haulage is required to reach the end user. That said, an average premium with the enhanced yields will give a return for producing a premium product. Opportunities also exists to load Group 1 wheat onto boats from local ports to either move within the UK or to export homes. Crops not making full spec. can at least go to a lower protein contracts in the mill or at worst go to feed / futures homes. Separate storage for individual varieties may add a marketing advantage with a number of millers recognising different traits of each variety.

**KWS Zyatt** Having seen this variety for the first time in 2017, results have matched expectations of previous years trials. Output looks exciting. Very functional proteins producing strong white flour approved by millers for a range of applications. A large area has been planted so we will get an idea of consistency from this harvest.

**Skyfall** Established in the market place. Protein dilution can be a problem reducing the quality thus premiums but knowledge of growing it has helped produce adequate proteins. Care needed to preserve hagbergs. Good milling and baking quality particularly with high protein samples.

**KWS Trinity** High quality milling potential. Established in the market. Hagberg retention was useful last harvest. Good gluten quality reflecting in its good baking characteristics.

**Crusoe** Recognised as a quality miller replacing Solstice at top end of the market with a number of outlets specifically needing Crusoe. Excellent consistency meeting specifications producing a good white breadcrumb. Care needs to be taken at harvest to avoid “chaffy” samples.



## Group 2

9% (↓4%) A lower area planted but still shows a reasonable volume of this group in the market. Each variety description will show its milling suitability but where this is at the lower end of the range, the increased yield should offset the lower premiums. Low spec or excess quantities of this group can compete with group 4 varieties for output return when going into the feed market.

**KWS Siskin** This has now been upgraded in quality and has been accepted by certain end users for specialist grists. It is now open to a larger range of markets with a wide spread of protein contents achieving premiums

**KWS Chilham** As a new Spring sown variety, as yet no established homes but it looks promising entrant to the Group 2 market place. It's strong gluten characteristics may lend itself to specific miller's requirements. Watch this year's harvest results and uptake by end users.

## Group 3

30%(↑8%) of harvest 2018 area shows another regional increase. This leads to an exciting marketing opportunity as the original markets are still needing a supply with import possibilities extremely limited. The ability to export from our ports and lorries via the tunnel expands the "pool" open to these varieties. Users recognise the supply/demand position and WILL pay premiums to acquire their needs. At times this year the premiums were larger than Group 1. Advances in yields have also improved output returns. Buy back options are available for these varieties.

**KWS Basset** Exciting options open as it meets UKS standards so good export opportunities from this area. Strong home demand also exists.

**KWS Barrel** Good addition to soft wheat market UKS standard plus suitable for distilling although that market is further north.

**Zulu** Zulu is an established Group3 accepted in the market place so satisfies both home and export options. Slightly softer than Claire. Will always find a home.

**Claire** Has been the standard for many years but its increased growing costs may not be enough to compete on output. Produces a good white flour with good gluten.

**Elicit** A newly recommended variety that has acquired UKS export rating so may be worth investigating for this area. Output and agronomics could make this an interesting alternative.

## Group 4

1%(↓3%) by area shows the different market demands in this region. As stated before there are a few volume feed homes in the area but with good yield comparisons, Group 1 & 2 varieties not reaching specification can fill this sector as they are comparative to Group 4.



## The Group 3 that has it all

- A first choice biscuit & export wheat  
for the South East

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The Dynamic Wheat that's  
out of this world!

## KWS ZYATT

- The UK's highest yielding Group 1 breadmaker
- Good all round disease resistance and superb physical grain quality
- Excellent market opportunities; rated positive for **ukp** 



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THE FUTURE  
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Variety	Yield Treated % of control	Disease Profile
<b>KWS Zyatt</b> A high yielding Gp1 milling variety with an excellent agronomic package.	National 102 Eastern Region 102	Very strong disease profile- with good scores of both yellow and brown rust as well as Septoria tritici. As such it has the highest untreated yields of all the Group 1 varieties.
<b>Skyfall</b> A high yielding Gp1 milling wheat with good agronomics and flexible across a selection of sites and rotational position.	National 100 Eastern Region 100	With a strong disease package, has remained one of the cleanest varieties both on farm and in trials. Its only slight weakness is yellow rust but this can be managed with relative ease.
<b>KWS Trinity</b> KWS Trinity is a truly consistent and reliable Gp1 milling wheat with good agronomics.	National 99 Eastern Region 99	KWS Trinity is another group 1 with good overall disease characteristics, its weaknesses are with Septoria (tritici and nodorum) and eyespot. However, it does respond consistently to fungicides.
<b>Crusoe</b> A firm favourite on farm and in the mill. Crusoe has some agronomic flaws but with the right management will produce high quality milling wheat consistently.	National 97 Eastern Region 97	Crusoe has in the last few years has broken down to brown rust. It is, however, good on yellow rust and Septoria tritici. With the right management, it is possible to keep Crusoe clean. It is worth remembering that Crusoe will respond well to a comprehensive fungicide programme.

Agronomics	Rotational position
<p>Will perform across a range of sites, KWS Zyatt tends to prefer the heavier sites and more southern and Eastern regions of the UK. Will require High Nitrogen input to gain both quality and yield. the variety appears to exhibit very strong root development characteristics.</p>	<p>1<sup>st</sup> or 2<sup>nd</sup> cereal strong 2<sup>nd</sup> cereal</p>
<p>Skyfall will perform well on a range of soil types but it shines on lighter or more stress prone sites whilst still delivering good quality. Will require a high input nitrogen programme to achieve yield and desired quality. Avoid early drilling and prioritise at harvest. Only Gp 1 with OWBM resistance.</p>	<p>1<sup>st</sup> or 2<sup>nd</sup> cereal Very strong 2<sup>nd</sup> wheat</p>
<p>KWS Trinity tends to prefer the more fertile sites and is shy to tiller so will require higher seed rates. It can also be drilled earlier than other milling varieties. Not unlike KWS Zyatt and Skyfall it will require high nitrogen inputs to achieve quality and yield. Trinity has a very good hagberg retention and can reduce risk in a tricky harvest.</p>	<p>1<sup>st</sup> or 2<sup>nd</sup> cereal 2<sup>nd</sup> cereal only on more fertile sites</p>
<p>Crusoe performs better on heavier and more fertile sites. Crusoe can be one of the earlier drilled varieties, not as early as Trinity. Crusoe has the inherent ability to convert nitrogen in to proteins more consistently than other varieties.</p>	<p>1<sup>st</sup> 2<sup>nd</sup> only on high fertility sites</p>



Variety	Yield Treated % of control	Disease Profile
<b>KWS Siskin</b> High yielding with excellent agronomics. With the potential for a milling premium.	National 103 Eastern Region 103	KWS Siskin has a high untreated yield and shows very strong scores against both mildew and yellow rust (both 9) it also shows exceptional resistance to Septoria tritici.
<b>KWS Lili</b> Although lower yielding than KWS Siskin, KWS Lili will produce a more consistent grain quality but with a lower premium potential.	National 102 Eastern Region 102	Despite having no major disease weakness, KWS Lili has a relatively lower untreated yield.



Agronomics	Rotational position
KWS Siskin is a variety that prefers heavier more fertile sites, but will also perform well on light land. It is advisable not to drill KWS Siskin too early.	1 <sup>st</sup> or 2 <sup>nd</sup> cereal
KWS Lili performs well across a range of sites but is slightly better on lighter soils.	1 <sup>st</sup> or 2 <sup>nd</sup> cereal



Variety	Yield Treated % of control	Disease Profile
<b>KWS Basset</b> KWS Basset performs well in the south east and produces a high-quality grain.	National 100 Eastern Region 100	KWS Basset shows a strong disease package with higher untreated yields than KWS Barrel and has good resistances to both yellow rust and Septoria tritici. It does have a slight weakness to brown rust but with good management should not be an issue.
<b>Elicit NEW</b> Newly recommended Elicit is a high yielding gp3 with a good set of agronomics.	National 103 Eastern Region 103	Elicit has a good set of disease scores across the board including good Septoria tritici and a very high yellow rust score.
<b>KWS Barrel</b> KWS Barrel performs relatively better in the north of the country.	National 103 Eastern Region 102	Whilst KWS Barrel boasts a higher yield advantage over its sister variety KWS Basset, it is more susceptible to disease especially Septoria tritici. KWS Barrel shows good yellow and brown rust resistance.
<b>Zulu</b> Zulu has proven itself as a reliable and consistent performer with good grain quality.	National 99 Eastern Region 99	Zulus resistance to Brown Rust, Septoria tritici and mildew have remained consistent despite being relatively low scores on the recommended list. It has, however, become susceptible to newer strains of Yellow Rust, which requires careful fungicide planning.
<b>Claire</b> Still performs consistently on farm and is still the number one choice of the biscuit millers.	No Longer listed	Claire can be managed to produce good yields and quality despite several disease weaknesses. On this basis, it is advisable to limit areas of Claire on farm but in our opinion it still has a place.




Agronomics	Rotational position
KWS Basset performs well on both heavy and lighter land sites. Basset can be drilled across a wide drilling window. KWS Basset has OWBM resistance.	1 <sup>st</sup> or 2 <sup>nd</sup> cereal
Elicit can be drilled in an early drilling window. However, it should be prioritised at harvest to preserve Hagberg. Elicit is OWBM resistant.	1 <sup>st</sup> or 2 <sup>nd</sup> cereal
KWS Barrel performs better on lighter soils and in is preferably sown later. KWS Barrel has resistance to OWBM	1 <sup>st</sup> or 2 <sup>nd</sup> cereal
Zulu works well across a range of sites and can cope extremely well on stress prone sites. On more fertile soils a comprehensive PGR programme should to be employed. Zulu also has a wide drilling window and is suited to a second cereal position. OWBM resistant.	1 <sup>st</sup> or 2 <sup>nd</sup> cereal
Claire will perform best on higher fertility sites and on heavier land. Claire will require priority at harvest as it has poor hagberg retention.	1 <sup>st</sup> cereal

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## KWS BASSET

- Excellent end use potential with **uks** 
- Good physical grain quality
- Strong all-round disease resistance



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winter oat

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Variety	Yield Treated % of control	Disease Profile
<b>KWS Chilham</b> A high yielding spring wheat with good agronomics that offers modest milling premiums.	103	KWS Chilham has a very good all round disease profile and is strong against yellow rust, however is slightly weaker against brown rust.



## Agronomics

KWS Chilham has the potential to produce high yields both in the late autumn and spring sown slots. It also demonstrates a very prostrate growth habit. OWBM resistant.



Although a long haul to the maltsters, quality samples will command a premium. Buy back contracts can be discussed. Possible export opportunities may occur for the right varieties.

**RGT Planet** Most buy backs will take Planet as well as Propino but with Planets increased yield a useful additional output is achievable. A large area has been planted so it will be interesting to see the results after an unusual spring planting season.

**Propino** Market leader in spring malting with end users keen to buy as a preference. Lower output will be offset in certain growing situations.

The normal market can either be local homes or export where 63 Kg/Hl specific weight is crucial. Growers need to select varieties to suit specific sites to achieve this. An example would be Hybrids on tough soils potentially producing low specific weights. Funky being a newly recommended conventional 6 row type may fill this feed requirement.

## NOTES









## AT THE ROOT OF THE HIGHEST YIELDING, FULLY APPROVED, SPRING BARLEY ON THE RECOMMENDED LIST

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Variety	Yield Treated % of control	Disease Profile
<b>WINTER BARLEY</b>		
<b>KWS Gimlet</b> Candidate 2 row feed variety offering high yields and good agronomics	Candidate 107	KWS Gimlet has a very similar disease profile to California which is one of its parent varieties (unlike the varieties listed below) and looks to have a well-rounded disease profile. It has the highest untreated yield on the candidate list.
<b>KWS Orwell</b> KWS Orwell is a high yielding two row feed variety with good agronomics.	National 104 Eastern Region 104	KWS Orwell shows a very good set of disease characteristics with its only weakness being Mildew.
<b>KWS Tower</b> KWS Tower has become a favoured variety on farm especially on lighter land.	National 101 eastern Region 100	KWS Tower is strong across a range of diseases but is susceptible to net blotch.
<b>KWS Glacier</b> A consistent and reliable performer on farm and has proven to be a popular favourite in this region.	National 99 eastern Region 99	KWS Glacier is strong across a range of diseases but is slightly weaker on Rhynchosporium and mildew.
<b>SIX ROW FEED VARIETIES</b>		
<b>HYVIDO</b> Hybrid barleys can offer a marked yield improvement particularly on more challenging sites.	Yields vary dependant on Variety	All Hyvido varieties show a strong disease profile with no major weaknesses
<b>Funky</b> Conventional 6 Row feed variety offering high yields and a good set of agronomics	National 107 Eastern Region 108	Funky offers a good all-round set of disease ratings with particularly high rust scores. This is reflected in having very high untreated yields.

## Agronomics

Whilst we still have much to learn about KWS Gimlet, early indications are that it will suit a wide range of sites is early to mature and had good lodging scores. It is also BaYMV resistant.

KWS Orwell tends to perform best on lighter more stress prone sites, however, it will also perform well on heavier land and has good lodging scores. BaYMV Resistant

Like KWS Orwell, KWS Tower tends to perform better on lighter sites, but will again, perform well across all sites. It is also BaYMV resistant.

KWS Glacier performs consistently across heavy and light land sites. KWS Glacier is also BaYMV resistant.

Hyvido varieties can offer a significant yield advantage on more challenging sites. There is also evidence that suggests that Hybrid varieties have a more competitive advantage over blackgrass and offer better entry to OSR. All Hyvido varieties are BaYMV resistant.

Funky will work well across a range of sites and perform equally well on both heavy and light soils. It is also BaYMV resistant.



Variety	Yield Treated % of control	Disease Profile
SPRING BARLEY		
<b>RGT Planet</b> A high yielding brewing variety that can also be used as a feed type.	National 105 Eastern Region 105	RGT Planet shows a good set of disease scores across the board with is only weakness being brown rust.
<b>Propino</b> Propino remains the most popular brewing variety in the eyes of the brewers and has a firm following.	National 100 Eastern Region 98	Propino has a good disease profile but does have weakness against Yellow rust.

NOTES \_\_\_\_\_

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**Agronomics**

RGT Planet grows well across a range of sites and has good brackling resistance.

Propino is suited to growing across a range of sites especially in lower yielding situations.

**SPRING BARLEY**



## Oilseed Rape

**Clearfields** Concerns over more stringent testing for Erucic acid by the crushers is increasingly relevant, with contract requirements likely to be tightened in coming months (reducing maximum permissible from 5% to 2%). Where Oilseed Rape has been widely and regularly grown over time (especially where HEAR varieties have been used) the risk of claims or even rejection is increased.

To help in reducing risks we are selling an increasing area of Clearfield varieties. These types allow the use of selective post emergence herbicides to control non tolerant OSR plants plus cruciferous weeds such as Charlock and Hedge Mustard, all of which can significantly increase erucic levels in samples

Other benefits include:

- Varieties tolerant of SU residues in the seed bed that can hinder establishment in stress conditions
- Later application of herbicide to allow you to be sure of a good establishment before investing
- Use of companion crop options where other species are grown to aid establishment
- Newer Clearfield varieties exhibit good Gross Output and agronomic characters compared to some earlier types

**HOLL** Despite difficult trading conditions for 2017 harvest crop, prospects for the 2018 harvest look more encouraging. The high stocks of HOLL oil have largely been consumed, as have cheaper (and lower quality) competitors such as HOLL Sunflower. Please talk to us about our Offer for Harvest 2019.





## A ROBUST COMBINATION OF CLEARFIELD HERBICIDE TOLERANCE AND DEKALB'S YIELD PROTECTING TRAITS



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RESISTANCE**



**VIGOROUS  
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**RAPID AUTUMN  
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Variety	Gross Output	Disease Profile
<b>Elgar (Conventional)</b> High output variety with good agronomics and oil content.	107	Elgar has an overall very good disease profile and shows good resistance to light leaf spot.
<b>KWS Barbados (Conventional)</b> High yielding variety with good oil content.	106	KWS Barbados has an excellent disease profile presenting 7's for both Light leaf spot and stem canker. Barbados also shows good tolerance to verticillium wilt.
<b>Elevation NEW (conventional)</b> High yielding variety with good oil content and stiff straw	107	Elevation has a decent score for light leaf spot but is more susceptible to stem canker.
<b>Campus (Conventional)</b> Campus has proven to be a popular variety on farm and performs well in a range of situations with good oil content.	106	Campus has a good overall disease profile
<b>Windozz (Hybrid)</b> A High yielding hybrid variety.	107	Windozz has a high treated gross output. It has an average disease profile.
<b>Incentive (Hybrid)</b> No longer listed, but remains a tried and trusted favourite on farm prodcing consistent yields and high oil content.	n/a	Incentives disease profile is slightly off pace from its newer rivals, however, are now experienced enough of the variety that we know how to manage the variety to maximise its potential.
<b>DK Impressario CL</b> A high yielding Clearfield variety with a good agronomics and oil content.	n/a	Impressario, similarly to imperial has strong stem canker scores and a slightly weaker light leaf spot score. It also features double phoma resistance.
<b>DK Imperial CL</b> A Clearfield variety with a difference, DK Imperial is a sound agronomic variety with good oil content as well.	105	DK imperial has a very good disease profile and has a high score for stem canker and tolerates light leaf spot well. DK imperial also has double phoma resistance.

Agronomics	
Elgar is a relatively early variety to flower and mature, is stiff stemmed and suited across a wide range of sites.	
KWS Barbados is well suited to early drilling. It is advisable not to plant on later sites as it is later to mature.	
Elevation offers good autumn vigour despite a very prostrate growth habit and is vigorous in the spring and is very stiff strawed.	
Campus is a mid- late maturing variety That performs well across a range of sites. Campus is stiff stemmed and has a high lodging resistance. Is vigorous in the autumn.	
Windoxx is relatively early to flower and has excellent stem stiffness all the way through to maturity.	
Incentive performs well across a range of sites and is the benchmark for autumn vigour. It is a stiff stemmed variety with good lodging resistance.	
Impressario is highly vigorous in the autumn so will suit later plantings or more challenging sites. It is an early flowering variety that also features pod shatter resistance.	
Clearfield varieties offer a range of benefits in terms of being able to plant OSR where there is a high cruciferous weed and volunteer OSR problem. DK Imperial CL also features pod shatter resistance. DK Imperial CL is a mid-flowering and maturing variety.	



## Oats

The relatively low growing cost of Oats, coupled with continued firm demand both domestically and in Europe for high quality oats, the crop has maintained much grower interest of late.

As a significant Oat growing region, we have focussed on selecting varieties that combine good farm performance BUT with a strong emphasis on milling quality. To achieve this, we have been working with Zantra and Richardson Milling (formerly European Oat Millers (Bedford)) to establish best practice to maximise yield, quality and gross margins from both Winter and Spring Oat varieties.

Millers need:

- High Specific weight (typically 50 – 52kgs/hl)
- High kernel content (77% + ideally)
- High hullability (ease of extraction of the Kernel from the husk)

Our trial work is improving our understanding of how to combine field and milling performance. This is particularly relevant to the Spring Oat crop

We will be demonstrating this in conjunction with Richardson Milling at our trials day on 22nd June

## WINTER/SPRING OATS

### Winter Oats

We have decided that in this region for marketing purposes that **Mascani** is still the benchmark variety. In terms of yield and disease profile, with the exception of mildew resistance it is outclassed by newer varieties. However, it is still the variety that is favoured by the millers. Oats are an ideal semi- break crop as they do not host the same strains of take-all as wheat and barley. It is also worth noting that oats should not be planted too closely to beans or peas within the rotation as they can multiply the pea and bean stem nematode populations.

### Spring Oats

**KWS Elyann** has got the potential milling oat quality (kernel content, specific weight and hullability) as Mascani. However, KWS Elyann is a newer variety and there is only a very modest yield penalty compared to the highest yielding variety on the list and has an improved disease profile.

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- Combination of two active ingredients for enhanced protection.
- Low active substance rate per tonne of seed.
- Unique micro-emulsion formulation ensures minimal dust.

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Use plant protection products safely. Always read the label and product information before use. Pay attention to risk indications and follow the safety precautions on the label. Rancona i-MIX contains ipconazole and imazalil. Rancona and i-MIX are registered Trade Marks of Arysta LifeScience. ©Arysta LifeScience Limited 2018.

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## Beans

Despite predictions that bean plantings would decline sharply after changes in EFA (Greening) rules, regionally overall bean plantings for 2018 are broadly on par with 2017, with spring beans down slightly but an increase in Winter beans.

The strong demand for quality beans locally, driven largely by our processing and bulk packing market outlet, means the opportunities for both crops remains strong, especially with bulk shipments of Human Consumption Beans representing high risk to exporters.

The winter variety **Tundra** is attracting more interest with its pale skin and smaller seed size, comparing favourably with **Wizard** that has been the standard winter for some time especially with named “Tundra only” contracts available.

We are happy to offer buy back terms and ex combine storage options at Whitehill for all grades of Human Consumption and feed beans.

## BEAN CLEANING IN PROGRESS





# Beans



# Lynx



## 2<sup>nd</sup> YEAR TOP OF PGRO SPRING BEANS RL

Lynx is 'Fully Recommended' on the PGRO Recommended List of Spring Beans for 2018. It is the highest yielding spring bean variety combined with the highest downy mildew resistance, high standing power, with a pale hilum and good TGW as required by export markets.

- ✓ Lynx produces the highest seed yields on the PGRO RL.
- ✓ Lynx has the highest resistance to Downy mildew.
- ✓ Lynx has the highest equal standing ability at harvest.
- ✓ Lynx has good thousand seed weight to give marketability.
- ✓ Lynx is a pale hilum type, as required by export markets.

Yield, agronomic characters, disease resistance and seed characters	Lynx	Fanfare	Vertigo	Fuego	Boxer
Yield as % of control (5.39 t/ha) 5 year mean	104	102	101	99	98
Flower colour	C	C	C	C	C
Earliness of ripening	5	6	6	7	6
Shortness of straw	5	5	5	6	6
Standing at harvest	8	7	6	8	8
Resistance to downy mildew	7	5	6	5	4
Thousand seed weight	534	548	580	569	568

Data source: PGRO Recommended List of Spring Beans 2018.

1-9 scales where a high figure indicates that the variety has the character to a high degree.

For information and orders  
contact your seed merchant  
or email [info@lspb.eu](mailto:info@lspb.eu)  
web site [www.lspb.eu](http://www.lspb.eu)

**Lynx** **LS**  
Plant Breeding  
Combining Excellence

Variety	Yield Treated % of control
<b>WINTER BEANS</b>	
<b>Tundra</b> Tundra is a high yielding winter bean variety suited for human consumption export.	104
<b>SPRING BEANS</b>	
<b>Lynx</b> A High yielding variety with good agronomics. Does produce a smaller bean, but still meets human consumption spec.	104
<b>Fanfare</b> A consistent performer on farm, has become a tried and trusted variety.	102
<b>Vertigo</b> A High yielding variety that is suitable for human consumption.	101
<b>Boxer</b> Boxer is another consistent performer that on paper is off pace on yield but remains a useful variety on more stress prone sites.	98



## Agronomics

Tundra is a high yielding variety that is relatively early to harvest, short and has good standing ability. We have seen Tundra perform well across a range of soil types particularly on lighter land that is more prone to drought stress in the spring.

Lynx has the highest resistance to downy mildew than any other pale hilum variety. Lynx has a good standing ability.

We have seen in the south east that Fanfare has been a more consistent performing variety across a range of soil types.

We have found in this south-eastern region that Vertigo has performed better on the lighter and more stress prone sites. Vertigo also shows good levels of resistance against downy mildew.

Boxer has been a good performer across a range of soil types, but it performs best on heavy soils and more stress prone sites. We have found this to be the variety of choice particularly across the weald.





Variety	Yield Treated % of control
<b>Prophet</b> Prophet is the market leader in the large blue pea sector proving itself as a consistent performer on farm.	101
<b>Vertex</b> A new variety for Spring '18 it looks set to offer a marked improvement going forward.	100
<b>Kingfisher</b> An early maturing variety with excellent standing ability.	97



## Agronomics

Prophet has a good overall agronomic package and has a good resistance to downy mildew.

Vertex, although later to mature than other large blue varieties, has very good standing ability at harvest and is slightly taller than the benchmark variety Prophet.

Kingfisher has a good overall agronomic package, and is earlier to mature than both Prophet and Vertex.



We continue to require more seed production area for a wide range of species. There is demand for High Grade production of cereals and pulses, requiring stricter previous cropping requirements than lower grades, suiting growers with wider rotations and good segregated storage.

We are also looking for high quality grass seed production of all agricultural and amenity types, plus Red and White clovers.

Growers with little or no OSR in the rotation may be interested in discussing Forage Brassica seed production, including Turnips, Mustard and Fodder Rape.

We offer an agronomy service to help manage the more specialist aspects of seed production, particularly grass, clover and brassica seeds.

Please contact Andrew Bourne or Nick Green for further information.

**Winter and Spring Wheat**

**Winter and Spring Barley**

**Winter and Spring Oats**

**Winter and Spring Beans**

**Spring Peas**

**Winter Oil Seed Rape**

**Spring Linseed**

**Hybrid Rye**

**Agricultural and Amenity Grass Seeds**

**Red and White Clover**

**Forage Brassicas  
(turnip, fodder radish, fodder rape)**

We are looking for growers with either large or small parcels of land

**All crops are contracted directly with T. Denne and Sons**





# REDIGO<sup>®</sup> PRO



**before your crop is in the ground**

With Redigo Pro you get the reassurance that you've protected your seed against all major seed- and soil-borne diseases, with the broadest spectrum disease control. Two advanced actives work together, faster, to target fungal diseases like loose smut, offering truly dependable crop establishment right from day one.

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## Mobile Seed Cleaning



We are pleased to announce the arrival of our new Mobile Seed Cleaner, giving us additional capacity and speed of throughput



Featuring a GS 12 Gravity Separator and high capacity pre-cleaner, we also have a self-contained bag lift system and roller conveyor to help streamline removing bagged seed from the treater.