

Powered by
Syngenta Vegetable Seeds

DISCOVER OUR VEGETABLE VARIETIES



syngenta®



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Breeding to Meet the Next Green Revolution

Vegetable crop genetics offer the first step to tackle many of the difficult challenges currently impacting on the profitability of UK growers. Syngenta is at the forefront of delivering varieties developed to meet growers' changing needs.

Your variety selection will have a major influence on business performance at all levels, from practical agronomy decisions, to resolving labour shortages, managing increasing costs, coping with changing climate, creating innovative markets and, ultimately, satisfying the end-consumer.

Now, with the industry's extra focus on delivering a reduction in carbon emissions, variety choice will be crucial in driving towards net zero targets.

For our specialist vegetable and salad crop variety breeders, high yield remains a key objective for any new development. However, greater focus on the traits for efficiency of production and marketability could lead to improved overall profitability and business sustainability.

Working with our dedicated UK field team to tailor variety characteristics best suited to a farm's individual situation can deliver better returns for the current season and justify investment in your business for the future.

Making more efficient use of every input will be crucial for lowering costs and reducing environmental impacts of production. With escalating fertiliser costs, for example, varieties available now that perform well – or in some cases better – under a low-nutrition regime offer real benefits. Drought and heat tolerance will be essential variety attributes to make more effective use of water resources in the future.

Breeding varieties with the resilience to cope with climate extremes better assures consistent and predictable production for you and your customers. Syngenta's pan-European and global reach gives access to vegetable crop

genetics and experience that will be invaluable for UK growers to adapt.

Today's Syngenta variety selection could enable UK growers to supply an extended season of home-grown produce in demand from customers – reducing costs, challenges and carbon footprint of long-distance transport.

With labour availability now a major issue for growers across Europe, which has been amplified in the UK since Brexit, means mechanical harvesting and processing requires significant investment from growers. Varieties bred with the robustness and uniformity to suit mechanical harvesting systems are essential for the exciting technology to be effectively utilised and to justify the investment.

Furthermore, Syngenta's development of vegetable and salad varieties that require less trimming and processing helps to save time and cost on packing lines, as well as reducing waste right through to the retail shelf and enhanced end-consumer satisfaction.

For the future, varieties that will perform consistently well in Integrated Pest Management (IPM) systems will become increasingly important. Interpreting responses to biological, biopesticide and biostimulant inputs is only possible through extensive trials and specialist understanding of plants' genetic potential.

The continued ability of UK vegetable and salad growers to adapt to new challenges is ever more important. Syngenta seed breeders and our UK field teams are committed to developing and supporting the exciting and innovative varieties highlighted in this catalogue, that will meet your needs now and in the future.

Meet the Team



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Clubroot
(*Plasmodiophora brassicae*) is a serious disease affecting Brassica. An estimated 10% of the total cultured area worldwide contracts the disease.



Syngenta has invested in years of breeding to offer a high level of resistance in their Brassica varieties.

Syngenta has pioneered robust and reliable clubroot resistance in a range of key brassica varieties since 2005



Clubroot symptoms

Clubroot is a soil-borne fungal disease which attacks the roots of Brassica crops. It is considered as one of the most economically important diseases of cultivated crucifers. Roots affected by clubroot are swollen and distorted. The damage caused to the roots causes crops to be stunted and, in most cases, there is a reduction in yield. The pathogen survives in the soil for up to 15 years in the form of resting spores released from decayed galls.



Syngenta's solutions

The potential of cultural practices to reduce crop losses due to clubroot are limited and chemical treatments to control the fungus are either banned, due to environmental regulations, or are not cost-effective. The best way to combat clubroot is through the breeding of resistant varieties. Syngenta has succeeded, after many years of breeding, to introduce a high level of resistance in varieties of cabbage (Chinese, White & Green), Brussels sprouts, broccoli and cauliflower. Syngenta will, over the coming years, be introducing the resistance across the Brassica range.

We currently have the following varieties with clubroot resistance:

BROCCOLI	BRUSSELS SPROUTS	SAVOY CABBAGE	WHITE CABBAGE	CAULIFLOWER
MONCLANO	CRISPUS	CORDESA	KILASTOR	CLAPTON
NP COMING SOON	CRYPTUS	CORDOBA	KILAZOL	CLARIFY
		NEW CORRIPA	KILACEES	CLARINA
		NEW CORADI		CLEOZIL

LOSSES FROM CLUBROOT

Growing cost per ha

£3,960*

+ loss of income per ha

£5,720

*Excludes rent.

Source: John Nix 2022



Syngenta continues to develop a new generation of clubroot resistant varieties providing protection against an even wider range of clubroot strains.

Clubroot resistant varieties reduce the risk of plant loss and enable growers to manage cropping areas with known levels of infection.



What is FARMORE® Technology?

FarMore® Technology is the first comprehensive combination of **separately-registered seed protection products, proprietary application technologies and dedicated seed treatment services** that maximise vegetable production value by enhancing performance and quality.



What is APRON® XL and what does it do?

APRON XL is a modern systemic seed treatment fungicide. APRON XL is specially developed for seed treatment and contains 35% mefenoxam, the biologically most active isomer of the compound metalaxyl.

APRON XL controls seed and soil-borne fungi and downy mildew. The product is quickly absorbed by the seed and spreads through the plant after germination. This protects the seed and the seedling at an early stage, resulting in a fast development and a uniform crop. APRON XL is effective in damp, colder conditions that are ideal for *Pythium*, and warmer, humid conditions ideal for *Phytophthora* and downy mildew. APRON XL is registered in a wide range of vegetable crops.



What is MAXIM® 480FS and what does it do?

MAXIM 480FS is a special seed treatment that is effective against a broad spectrum of seed and soil-borne diseases in a wide range of vegetable crops. Active ingredient fludioxonil is a contact fungicide that penetrates the seed surface and coats the seed, providing long-lasting protection around the young seedling and combating diseases such as *Alternaria*, *Phoma* and *Fusarium*. It has excellent activity at low rates, has a positive effect on germination capacity and plant vigour, and is suitable as a mixing partner with other seed treatments.



DISCOVER OUR BROCCOLI VARIETIES



MEET THE EXPERT

Nigel Kingston
Technical Sales Representative
(Onion, Broccoli, all Cabbage, Radish)

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"Broccoli – a crop that has shown a huge increase in area over the years and one that brings obvious health benefits, so delivering a variety that offers consistency in terms of disease resistance, marketable yield, minimum inputs and with ease of harvest has to be the main goal for any TSR"

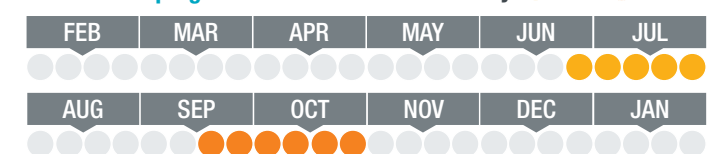


 **Batory**

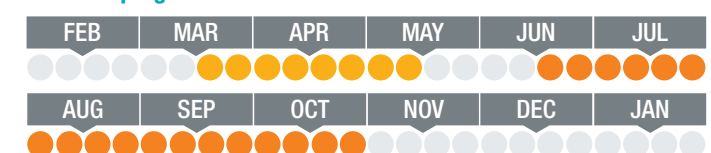
- Heavy heads
- Less susceptible to blind plants
- Good early and late
- Very high yield of firm florets
- Medium-late and processing
- Clean stem
- Processing industry and fresh market variety
- Suitable for summer and autumn
- 75-80 growing days

Lincolnshire programme

Key: ● Plant ● Harvest



Scotland programme

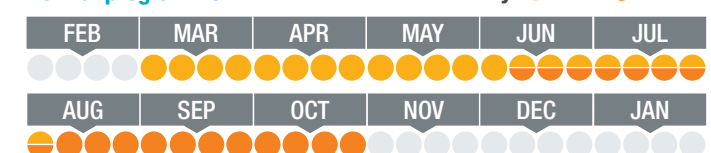


 **Besty**

- Very good on less fertile land
- Good vigour
- Early maturing
- Mushroom head shape with small beads
- Medium and summer
- Fresh market variety
- 70-75 growing days
- Performs better with lower nitrogen inputs

Normal programme

Key: ● Plant ● Harvest

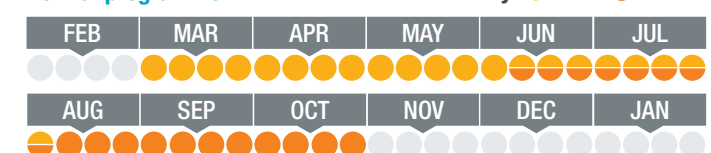


 **Monflor**

- Fresh market and processing
- Mechanical harvesting
- Long stalk
- Tender tangy taste
- Very vigorous
- 60-65 growing days
- Very green florets

Normal programme

Key: ● Plant ● Harvest



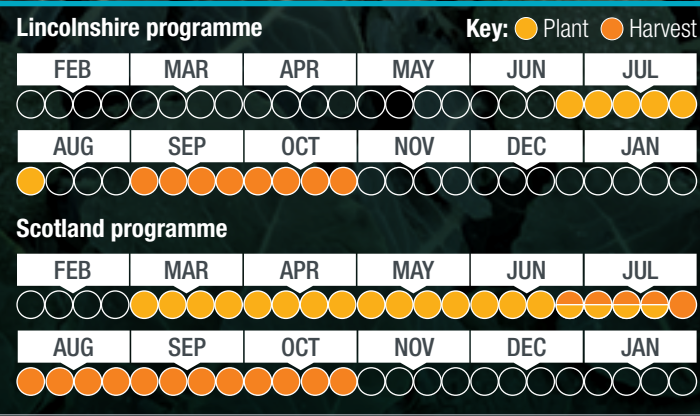


BEANY

The best technology for autumn payback

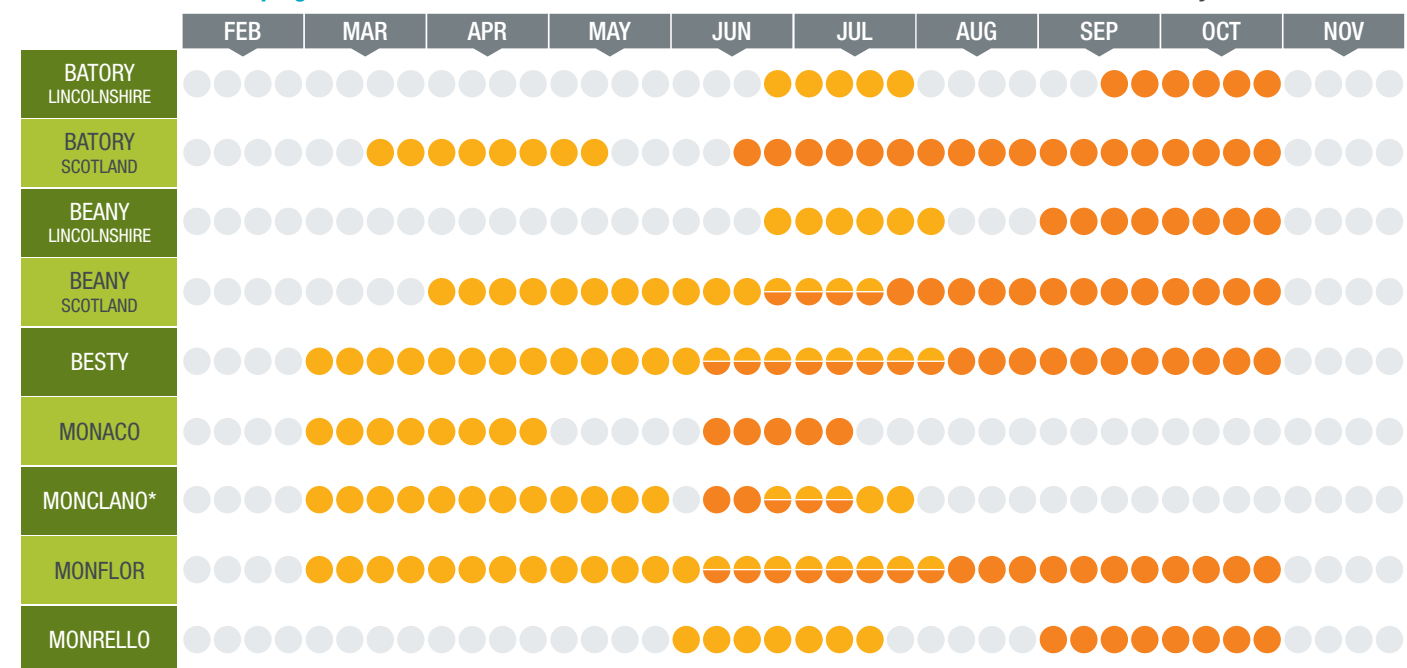
SCAN to watch Nigel discuss BEANY

- Medium maturity 70-75 days
- Good early and late
- Very uniform
- Open habit making it good against head and wet rot
- Medium, spring and autumn
- Fresh and processing
- The best variety for Sep and Oct harvest
- Very nice head shape and small beads



Normal programme

Key: ● Plant ● Harvest



*Clubroot resistant

VARIETY FIT OVERVIEW BROCCOLI



DISCOVER OUR BRUSSELS SPROUTS VARIETIES

MEET THE EXPERT

Harry Twinberrow
Technical Crop Advisor
(Brussels Sprouts & Kale)

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"Syngenta's portfolio of Brussels sprout varieties is so varied there are multiple options for each segment. There are varieties with disease resistances and traits favourable for different grower needs and matching these is part of what makes the job so enjoyable. As always, there is lots of work going into product development and there are lots of exciting new varieties coming through the pipeline, including a focus on mechanical trimming".



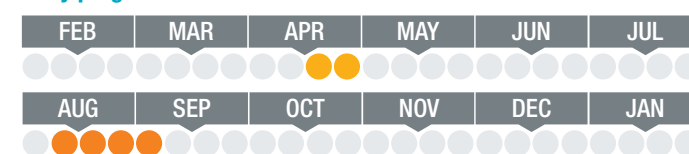
 **Abacus**

- Excellent standing ability
- Combines earliness with uniform cylindrical button development
- Suitable for Feb sowings and autumn sown over-wintered young plants

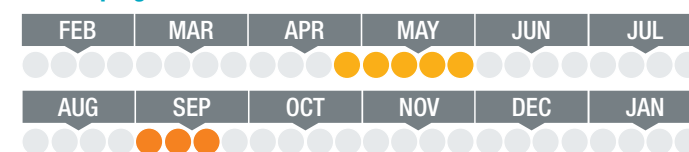
Sensitive to bolting and should not be planted before 15th Apr

Early programme

Key: ● Plant ● Harvest



Normal programme

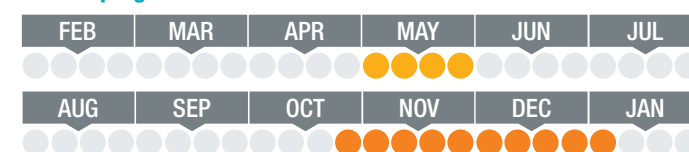


 **Hey Melis**

- Mid Nov - Dec variety
- Tall stem
- High number of sprouts
- Sturdy plants
- Cylindrical setting
- Mild taste
- Very easy deleafing
- Very nice button presentation
- Bolting tolerance
- Strong plant vigour

Normal programme

Key: ● Plant ● Harvest

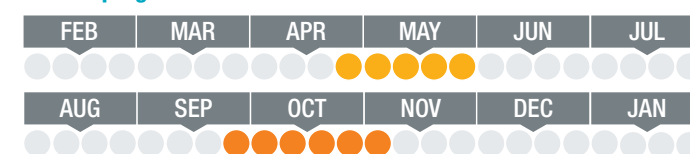


 **Gladius**

- Early mid-season variety with the possibility to plan a second planting
- Harvests from the end of Sep to mid Nov
- Sturdy plants, very good cylindrical setting
- Easy deleafing
- Dark, smooth buttons with a mild taste

Normal programme

Key: ● Plant ● Harvest

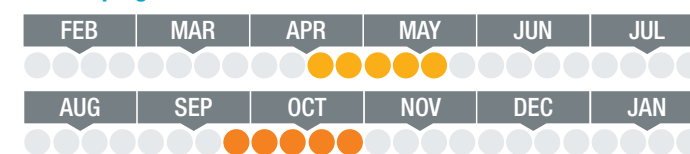


 **Marcantus**

- High yielding variety
- High number of sprouts on the stem
- Sturdy plant
- Good de-leafing
- Very good field standing ability
- Very good, long shelf life

Normal programme

Key: ● Plant ● Harvest

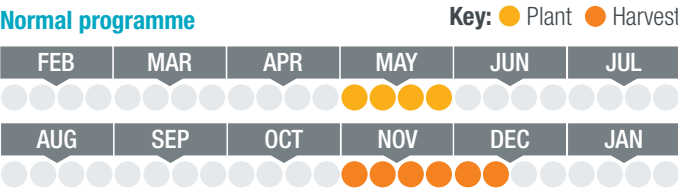


Our Brussels Sprouts Varieties



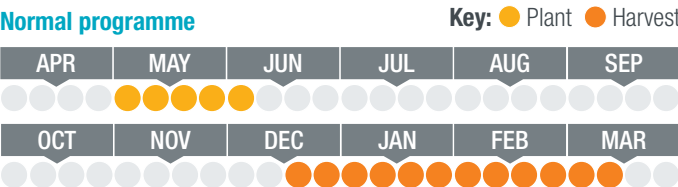
Martinus

- High yielding variety
- Dark sprouts
- Nov - early Dec variety
- Large sized buttons
- Strong tolerance against light leaf spot



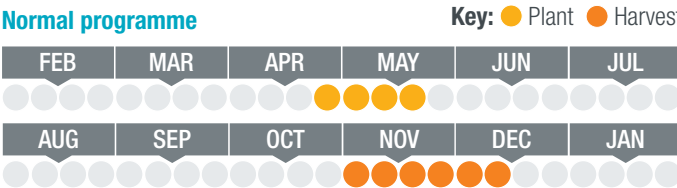
Petrus

- Suitable for late harvest in the mid winter period of Jan and Feb with excellent frost tolerance and holding ability
- Produces a uniform high quality button
- Excellent variety for Scotland and Lincolnshire
- Attractive dark green button



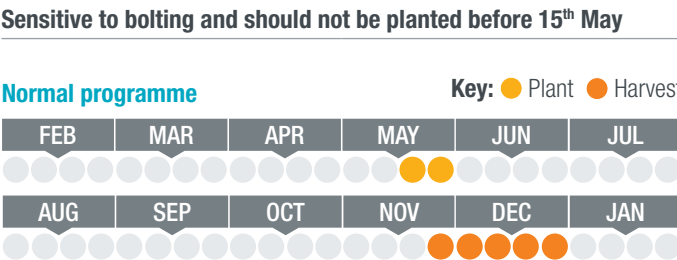
SGB1714 Nimbus

- Easy growing variety
- Good field standing ability
- Very easy deleafing
- Nice round dense sprout
- High yield potential
- Harvest Nov / beginning Dec



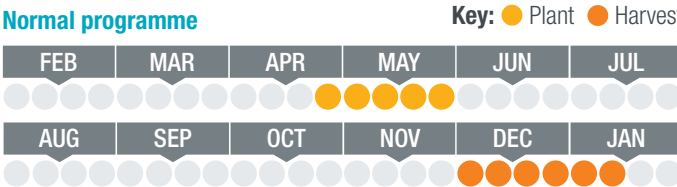
Profitus

- Easy growing variety
- Sturdy plant
- High specific weight
- Very good deleafing
- Very healthy variety
- Suitable for stalks
- High number of sprouts on the stem
- Fertilising advice: Less nitrogen required at the start



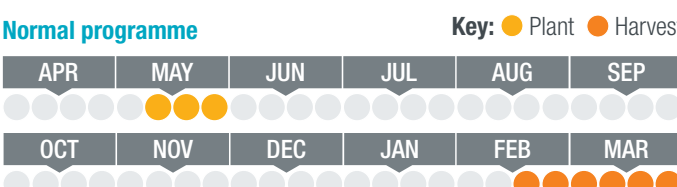
**Coraletta®
A culinary sprout**
Redarling

- Red coloured sprout
- New taste experience
- For fresh and processing
- Mild and nutty flavour



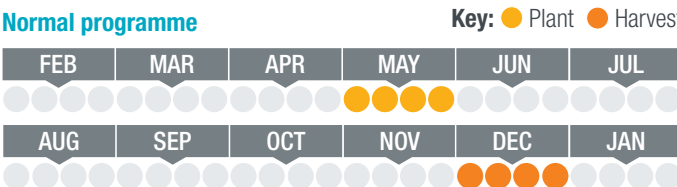
Splendus

- Very late segment – Feb into Mar
- Follows on from Petrus
- Sturdy, high yielding
- Dark green buttons
- Well spaced buttons with excellent leaf drop
- Reduces the need for expensive imports
- Very strong field standing ability



SGB1698 Scorpius

- Sturdy plant
- High specific weight
- Strong on light leaf spot
- Very healthy variety
- Suitable for stalks
- No risk of bolting
- High number of sprouts on the stem



“There is no brassica crop standing longer in the field than Brussels sprouts. Syngenta provides varieties with strong field standing ability, which ensures a high yielding crop for outstanding quality for our customers.”



MEET THE EXPERT

Hans Duin
Product Development Specialist

Our Brussels Sprouts Varieties

BRILLIANT BRUSSELS SPROUTS

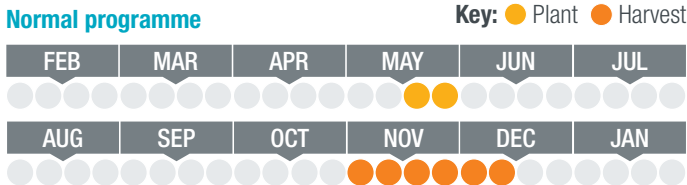
- Our new line of varieties which include TRIMSTAR and TRIMTOP are perfectly suited for mechanical and conventional trimming – Perfect calibration for both trimming and traditional fresh market
- High number of sprouts on stem, high yield
- Easy growing, sturdy and healthy plants
- Excellent field standing ability and shelf life



SGB1536
Trimstar

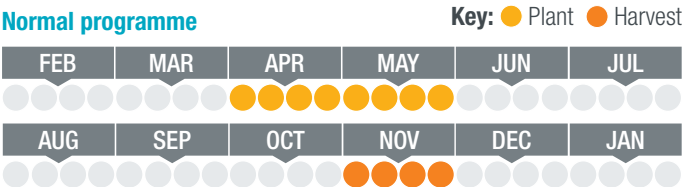
- Variety specifically for mechanical trimming
- High number of sprouts on the stem
- Easy growing variety
- Very good field standing ability
- Very good long shelf life after harvest

Sensitive to bolting and should not be planted before 10th May



SGB1608
Trimtop

- Variety specifically for mechanical trimming
- Very even on the stalk
- Sturdy plant
- Very good, long shelf life after harvest
- Very good field standing ability



Brussels sprouts fertiliser advice & variety fit overview

This table is general guidance and will vary depending on environmental conditions. Please ask our technical sales representatives or your agronomist for more detail.

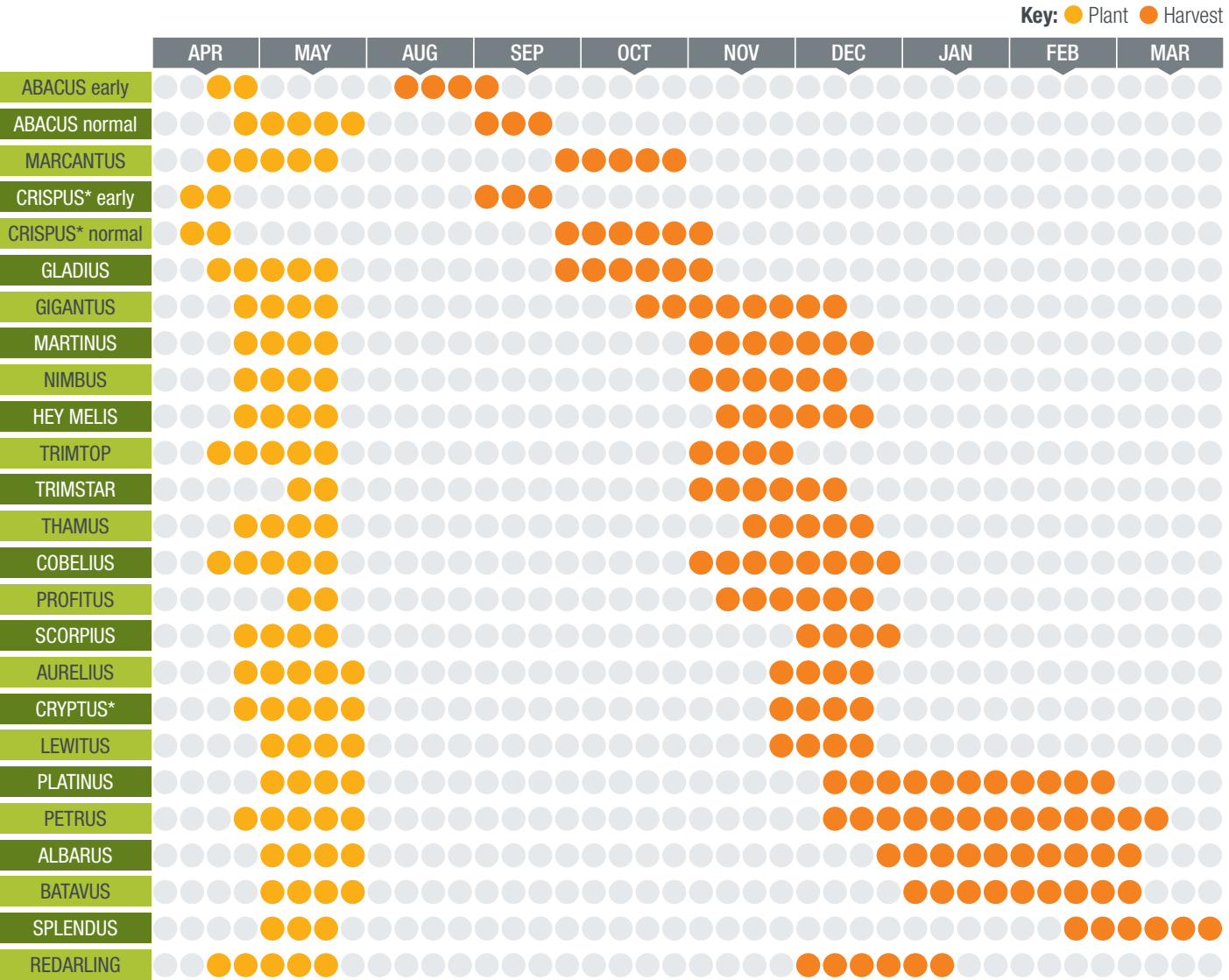
VARIETY	HEIGHT	STURDINESS	FERTILISER	VARIETY	HEIGHT	STURDINESS	FERTILISER
ABACUS	3	3	1	COBELIUS	3	3	2
MARCANTUS	3	3	1	PROFITUS	3	3	1
CRISPUS	3	3	2	SCORPIUS	3	3	2
GLADIUS	3	3	2	AURELIUS	3	3	2
GIGANTUS	3	3	1	CRYPTUS	3	3	2
MARTINUS	3	3	2	PLATINUS	3	3	2
TRIMTOP	3	3	2	PETRUS	3	3	2
NIMBUS	3	3	2	ALBARUS	3	3	2
HEY MELIS	3	3	2	BATAVUS	3	3	2
TRIMSTAR	3	3	1	SPLENDUS	3	3	2
THAMUS	3	3	2				

Key

Height of sprout:
1 = Short
3 = Tall

Sturdiness:
1 = Less sturdy
3 = Very sturdy

Fertiliser:
1 = 175-220 kgN/ha
2 = 221-280 kgN/ha
3 = 281-300 kgN/ha
Please refer to RB209 when calculating fertiliser rates.



*Clubroot resistant

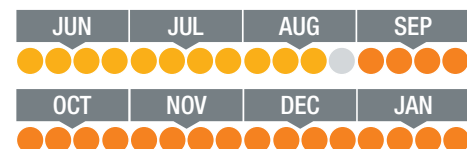
DISCOVER OUR BORECOLE VARIETY



 **Winnetou**

- The standard!
- Very uniform
- Very high frost tolerance
- Best quality
- High yield
- Easy to harvest

Normal programme Key: ● Plant ● Harvest



DISCOVER OUR CABBAGE VARIETIES

"With such a great range of cabbages to choose from White, Red, Pink, Pointed and Savoy's it's a privilege to work with the breeders & PDM on such a huge crop with market leading varieties"



MEET THE EXPERT

Nigel Kingston
Technical Sales Representative
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Our Cabbages with High Resistance to Clubroot



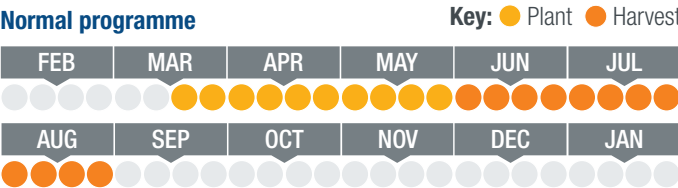
NEW



SGS0323

Coradi

- 75-85 growing days
 - Vigorous
 - Nice, green, healthy foliage
 - Great frame
 - Round shaped heads
 - Broad package of resistances: AC (IR), Myc (IR), Pb (HR)



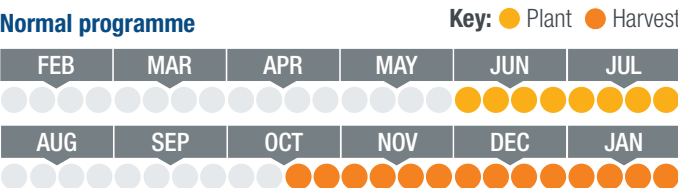




SGS0275

Cordoba

- Very nice savoyness
 - Good colour
 - Uniform
 - Medium variety for fresh market in Verto segment
 - High quality heads
 - Compliments Nebraska
 - Award winner
 - Broad package of resistances: AC (IR), Myc (IR), Pb (HR)

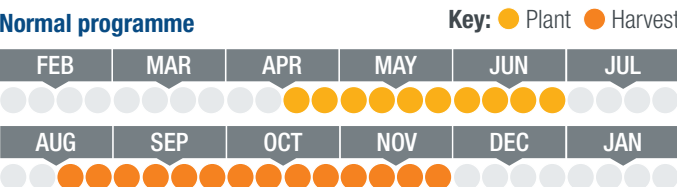






Cordesa

- 90-120 growing days
 - Easy to pack
 - Medium head for summer segment
 - First multi resistant Savoy Cabbage (clubroot, white blister and *Mycosphaerella*)
 - Summer variety for fresh market
 - Heavy dense heads





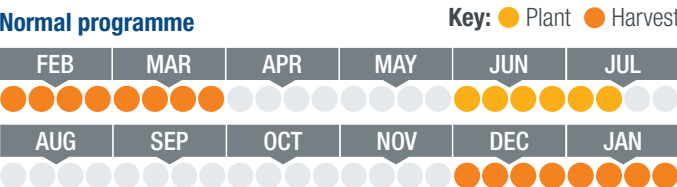
NEW



SGS0294

Corripa

- 160-170 growing days
 - Vigorous, erect plant
 - 1-1.5 kg heads
 - Winter variety for fresh market
 - Very good standing ability
 - Broad package of resistances: AC (IR), Myc (IR), Pb (HR)



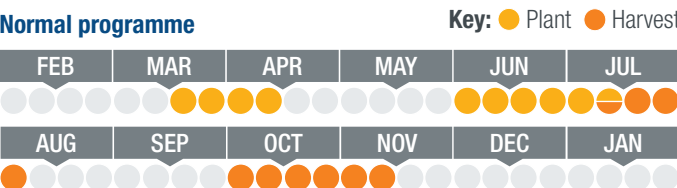




Kilacees

- White cabbage for the fresh market
 - High resistance to clubroot
 - Plant from 15 Mar
 - At least 95 growing days
 - Good holding ability
 - Wide harvest window
 - Easy to process
 - Can be stored up to 4 weeks
 - Early processing and fresh market
 - Suitable for mechanical harvest

STORAGE: Short term



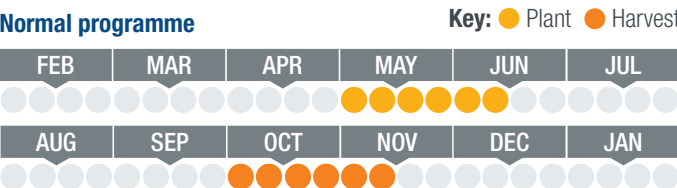




Kilazol

- Growing reliability due to its high clubroot resistance
 - Small head
 - Good internal structure which gives excellent storage ability
 - Excellent uniformity making it the perfect kilo size cabbage

STORAGE: Long term



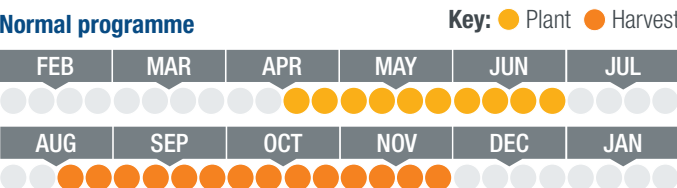




Kilastor

- Larger head, very healthy and very uniform
 - Green attractive head
 - High yields
 - Resistant to white blister

STORAGE: Good long-term storage variety

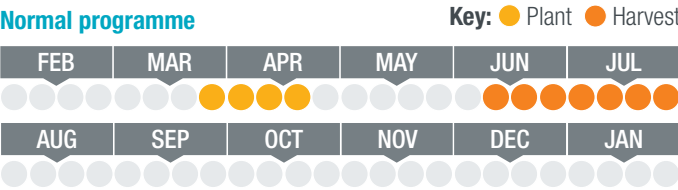


Our Savoy Cabbage Varieties



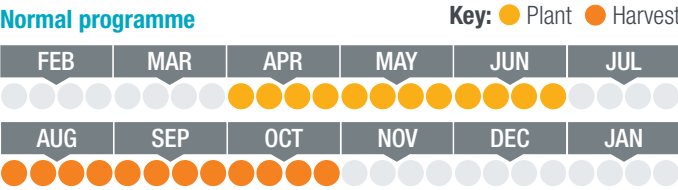
Preludium

- 1-1.2 kg heads
- Bright green colour
- Good bolting tolerance
- 60 growing days
- Very good uniformity



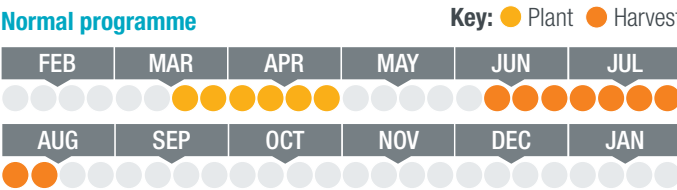
SGS0318 Milandina

- 85-90 growing days
- No cracking
- Round heads, uniform size
- Good internal structure
- 1.5-2 kg heads
- Resistance to IR: Ac



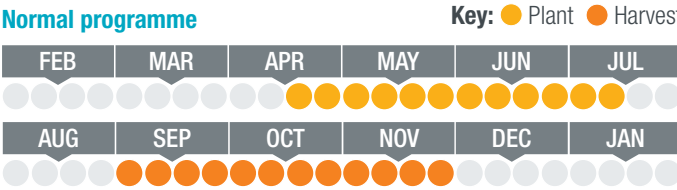
SGS0325 Atractum

- Fast variety (60-65 days), high yield
- Strong against cracking
- 1-2.5 kg depending on density
- Uniform and good colour
- For spring and summer production
- Dense
- Very good field standing ability
- Vigorous



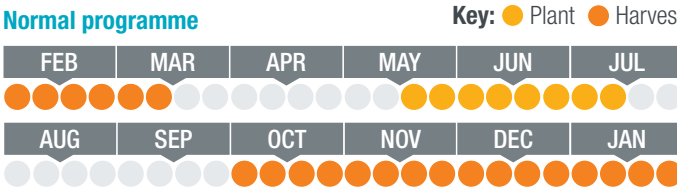
Utah

- 100-130 growing days
- Perfect production for smaller heads
- Good field holding ability
- Very dense variety
- Heads 1-1.5 kg
- Resistance to IR: Ac



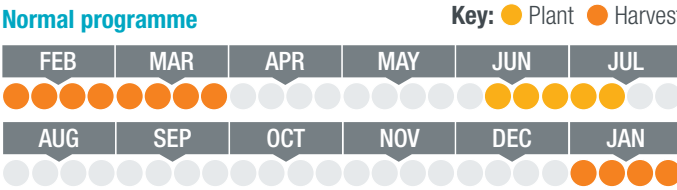
Nebraska

- 140 growing days
- Good standing ability
- 1.5-2.5 kg heads
- Nice, fresh colour
- High frost tolerance
- Very nice, fine Savoy



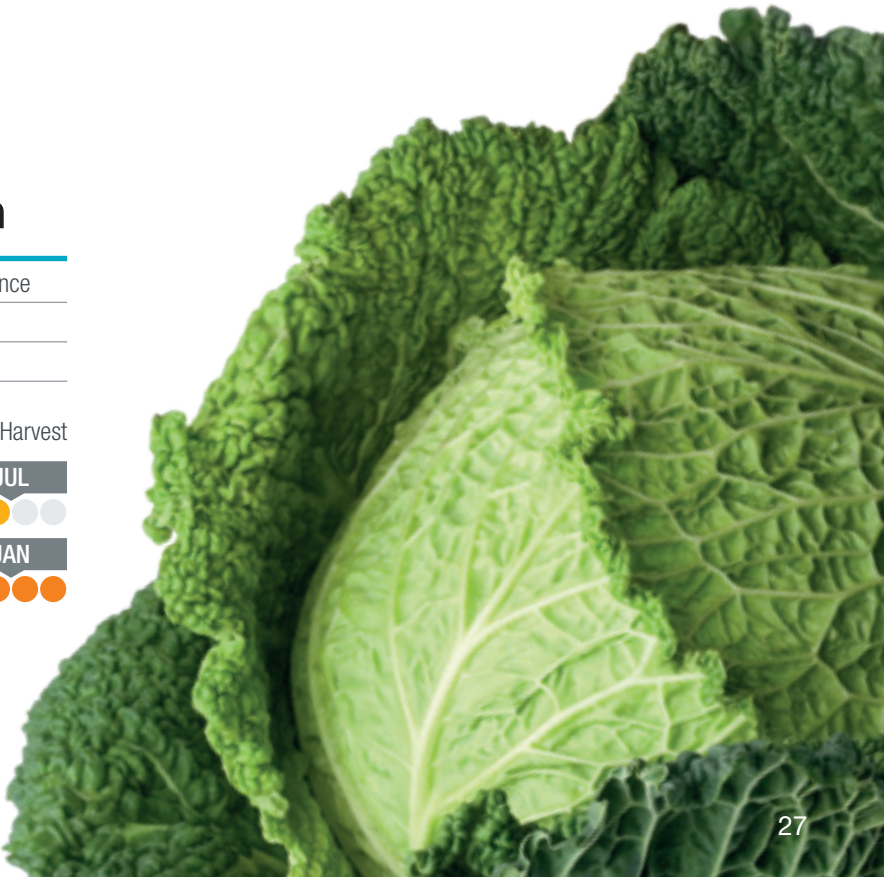
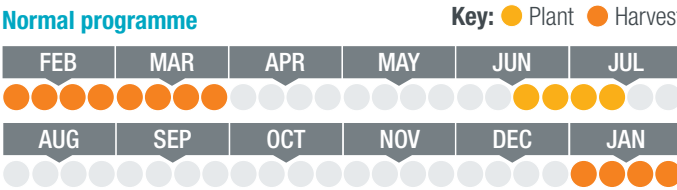
Manitoba

- Late maturity
- Winter hardy, strong frost tolerance
- Dense, round heads 1-1.5 kg
- Good uniformity
- Nice dark green colour
- Field standing ability

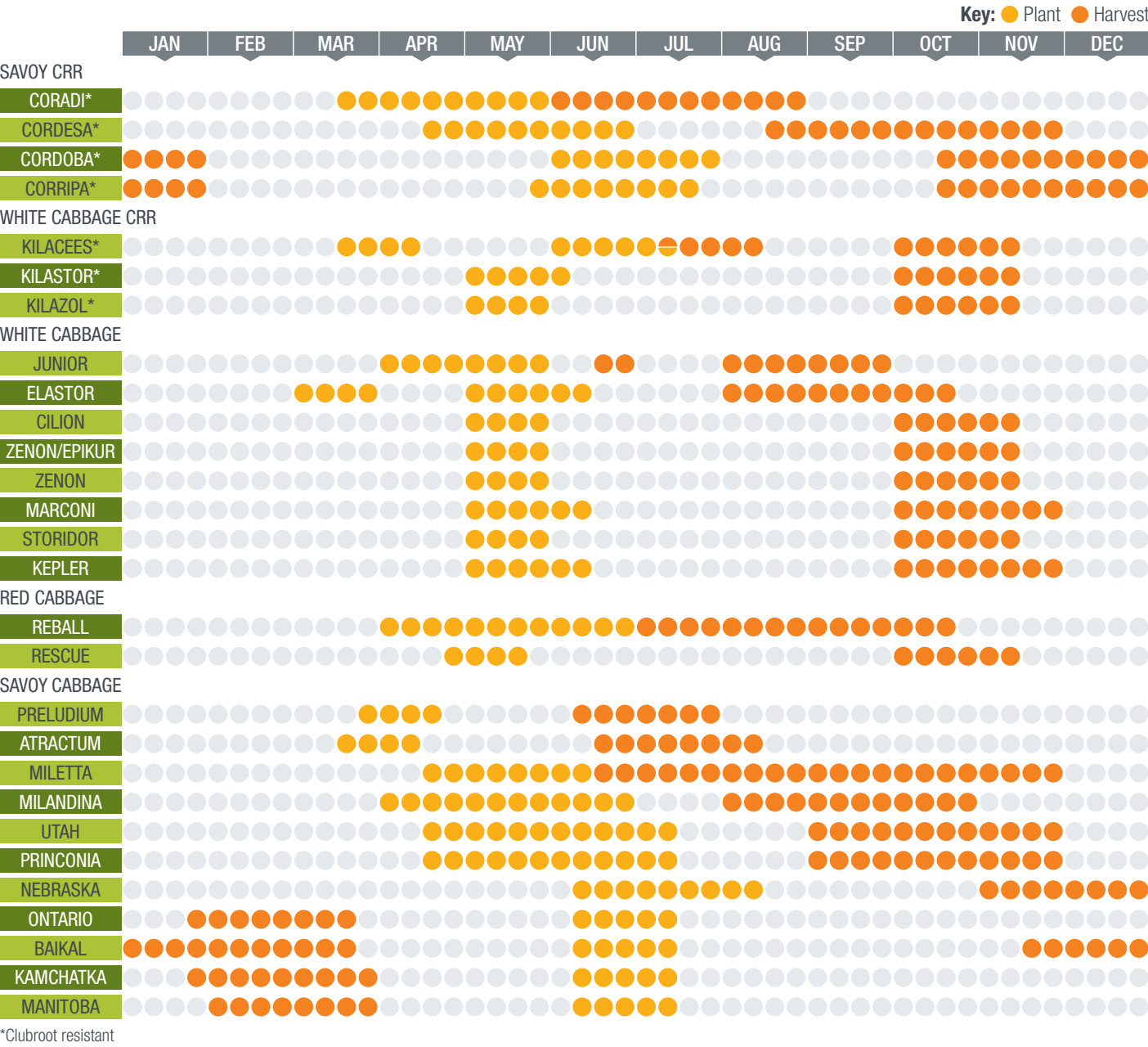


Kamchatka

- 1.5-2 kg heads
- Long harvest window
- Very good holding ability
- Strong against Xanthomonas
- Less sensitive to *Alternaria*
- 180-200 growing days



VARIETY FIT
OVERVIEW
CABBAGE



DISCOVER OUR CAULIFLOWER VARIETIES

“Working with growers and breeders, to ensure we deliver new cauliflower varieties, that can reliably produce product in all conditions throughout the year. This really adds value for our customers and can only be achieved with the growers and breeders at the heart of our product development.”



MEET THE EXPERT

Louis Stokes
Technical Crop Advisor
(Cauliflower)

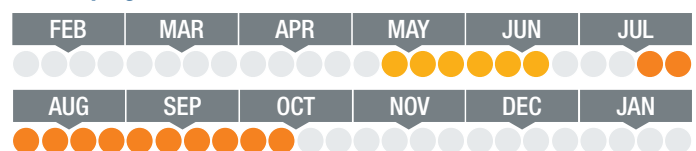
T: 07776 994697
E: louis.stokes@syngenta.com

Our Cauliflowers with High Resistance to Clubroot



- Clubroot resistant summer and autumn cauliflower
- Used for fresh market and processing
- Heavy curds/dense florets

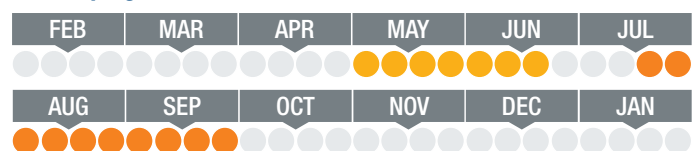
Normal programme **Key:** ● Plant ● Harvest



 **Clarify** 

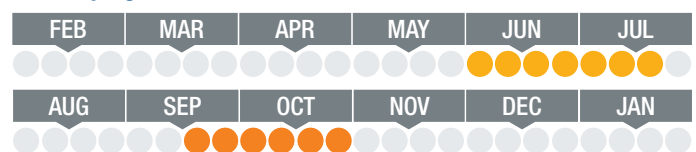
- Clubroot resistant summer production
- High vigour plants
- Suitable for fresh market and processing

Normal programme **Key:** ● Plant ● Harvest



- Summer production
- High vigour
- For fresh market and processing

Normal programme **Key:** ● Plant ● Harvest

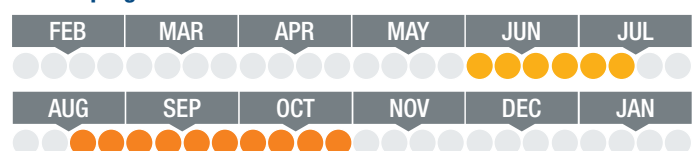


SGC2101
Cleozil

- 75-80 growing days
- Very healthy plant
- Uniform curds
- Good frame size

Nitrogen advice: More nitrogen at transplanting

Normal programme **Key:** ● Plant ● Harvest



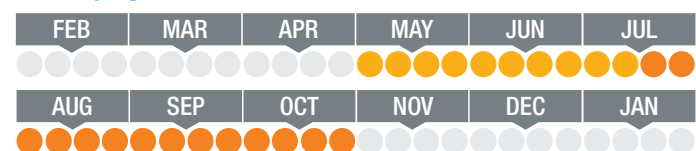
Our Standard Cauliflower Varieties



Almagro

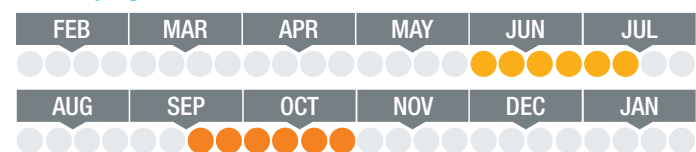
- | | |
|---------------------------------|----------------------------------|
| • 85-90 growing days | • Firm curd, reliable in quality |
| • Very good self-protection | • Nice, dense white curds |
| • Good vigour and plant health | • Strong field standing ability |
| • Easy to harvest and bags well | |

Normal programme Key: ● Plant ● Harvest



- | | |
|-----------------------------|----------------------------|
| • Good self protection curd | • Uniform, quality harvest |
| • Good density and firmness | • Good, healthy plant |
| • Nice white colour | |

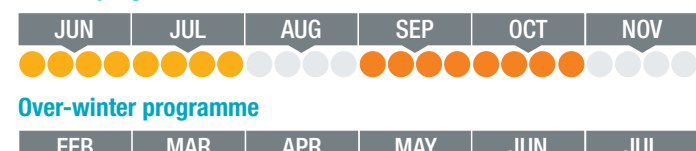
Normal programme **Key:** ● Plant ● Harvest



Andromeda

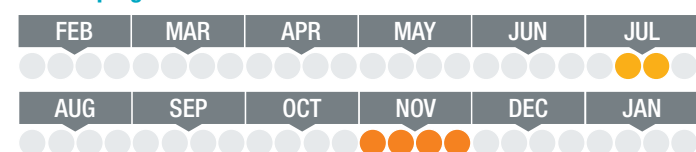
- | | |
|---|----------------------------------|
| • Excellent shelf-life | • High planting density possible |
| • Vigorous crop | • High uniform harvest |
| • Can be over-winter sown | • Maintains colour in the sun |
| • Open habit, making it visible and easier to harvest | |

Normal programme **Key:** ● Plant ● Harvest



- | | |
|------------------------------|-------------------|
| • Excellent, self protection | • Uniform harvest |
| • Heavy, firm, white curd | • Good vigour |

Normal programme **Key:** ● Plant ● Harvest



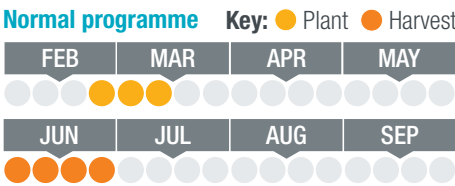
Our Standard Cauliflower Varieties



NEW

SGC1005 Solistar

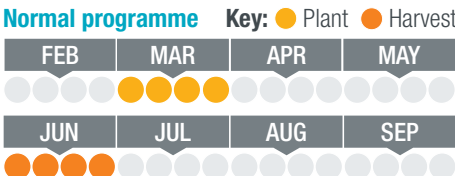
- 68-73 growing days
- Easy to cut
- Fast growing variety
- Uniform harvest



NEW

Spacestar Gold

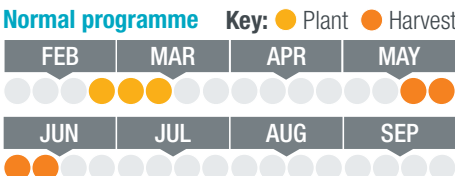
- Uniform harvest
- Excellent vigour
- Bright white colour
- Good, early summer variety



NEW

SGC1008 Speedstar

- 65-75 growing days
- Upright plant habit
- Early summer variety
- Good self protection

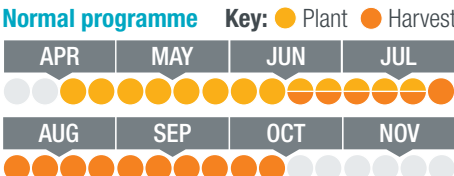


Our Coloured Cauliflower Varieties



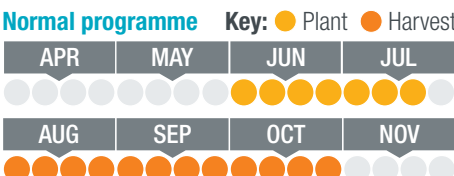
SGC8209 Clementine

- Uniform harvest
- Very good vigour
- Dark orange colour
- Easy to grow variety



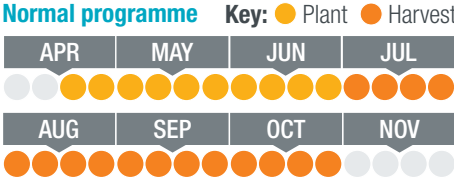
Graffiti

- Large, dense curd
- Good field standing
- Attractive, dark purple colour
- Strong, vigorous and well formed



SGC8001 Greenstorm

- 65-75 growing days
- Vibrant green curds
- Good against bracting
- Medium cycle maturing variety
- Summer and autumn
- Unique, short growing cycle

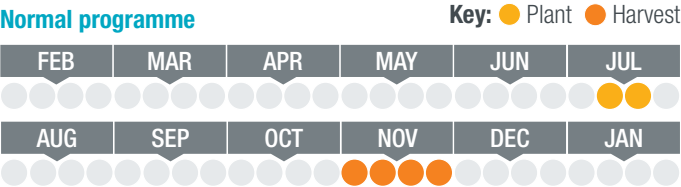


Our Long Cycle Winter Cauliflower Varieties



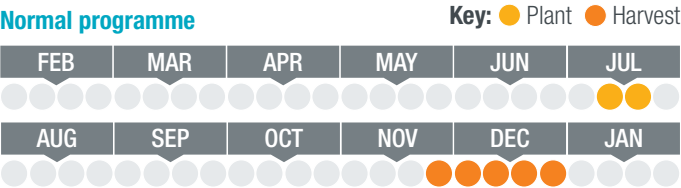
SGC4049
Kashen

- Early winter production
- Heavy white curds
- Good vigour and healthiness



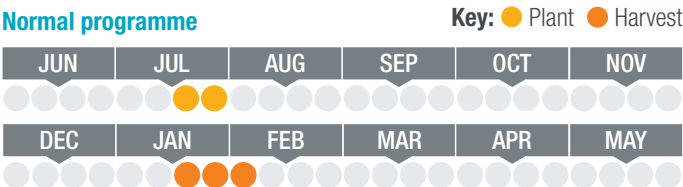
LEOCEN

- Long cycle variety
- Plant habit comparable to Lestren
- Matures 10 days later than Lestren



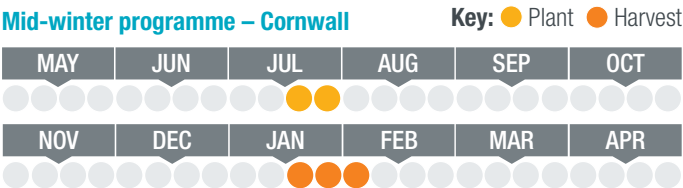
SGC5073
Lirren

- White curd
- Great variety for Christmas
- Uniform harvest



SGC4044
Akinen

- Excellent self protection
- Firm, heavy white curd
- Good vigour
- Performs well across the UK

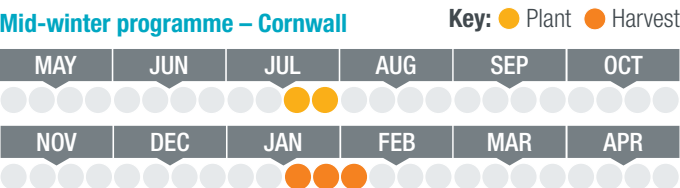


Our Very Long Cycle Winter Cauliflower Varieties



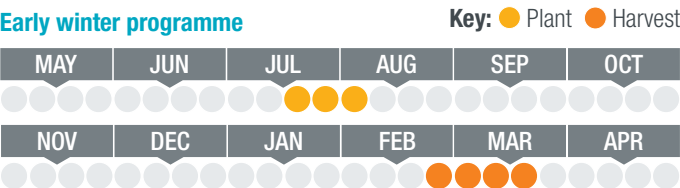
Amonen

- Late alpen variety
- Dark green foliage
- Good wrap



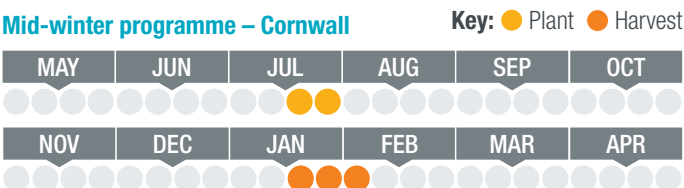
Caylen

- Excellent self-protection and frost tolerance
- Good uniformity and dense, solid curd
- Proven reliable performance



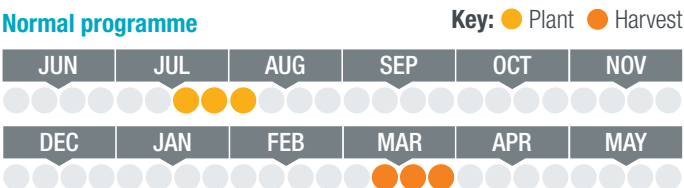
SGC5086
Adrien

- Healthy, vigorous plant
- Good density
- Resistant to *Mycosphaerella*
- Good and easy to see SEP



Clemen

- Consistent high percentage cut out
- Vigorous and healthy plant frame
- Presents itself well when mature – easy to harvest

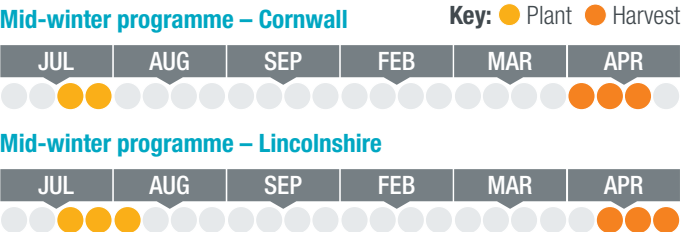


Our Very Long Cycle Winter Cauliflower Varieties



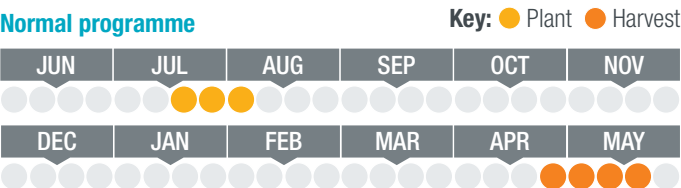
SGC5044
Darifen

- Uniform maturity
- Excellent vigour
- Good quality curds



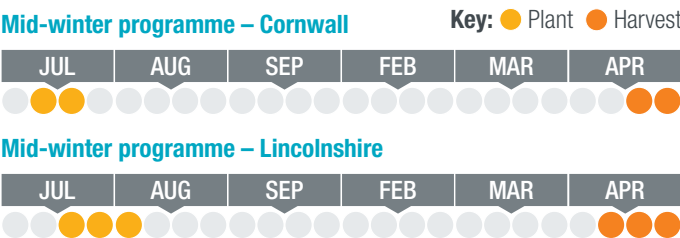
Delon

- Flexible, sequential sowings can be made to spread maturity
- Excellent storage potential for added security
- Intermediate resistance to *Mycosphaerella*

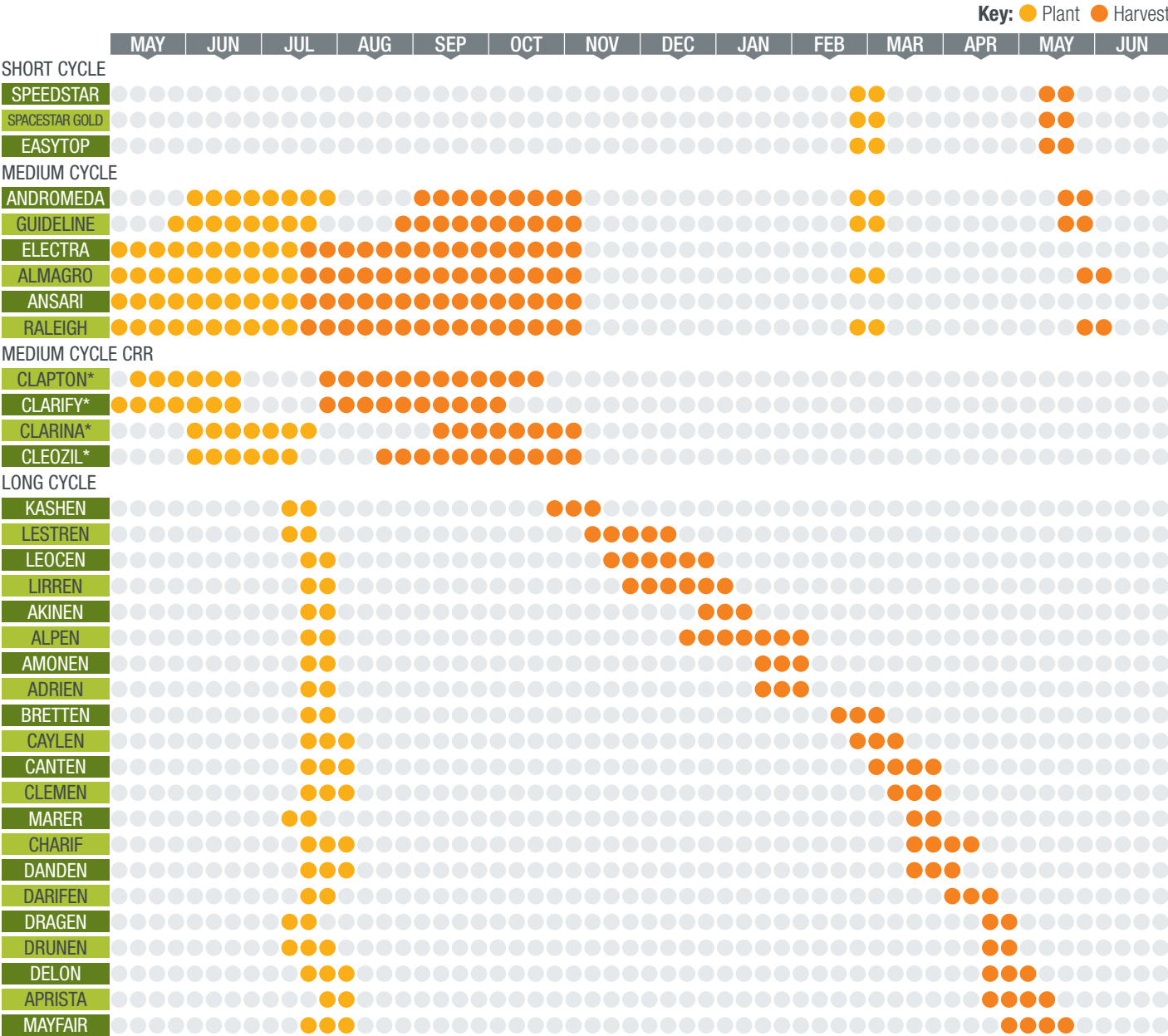


SGC5033
Dragen

- Good base health
- Good curd quality

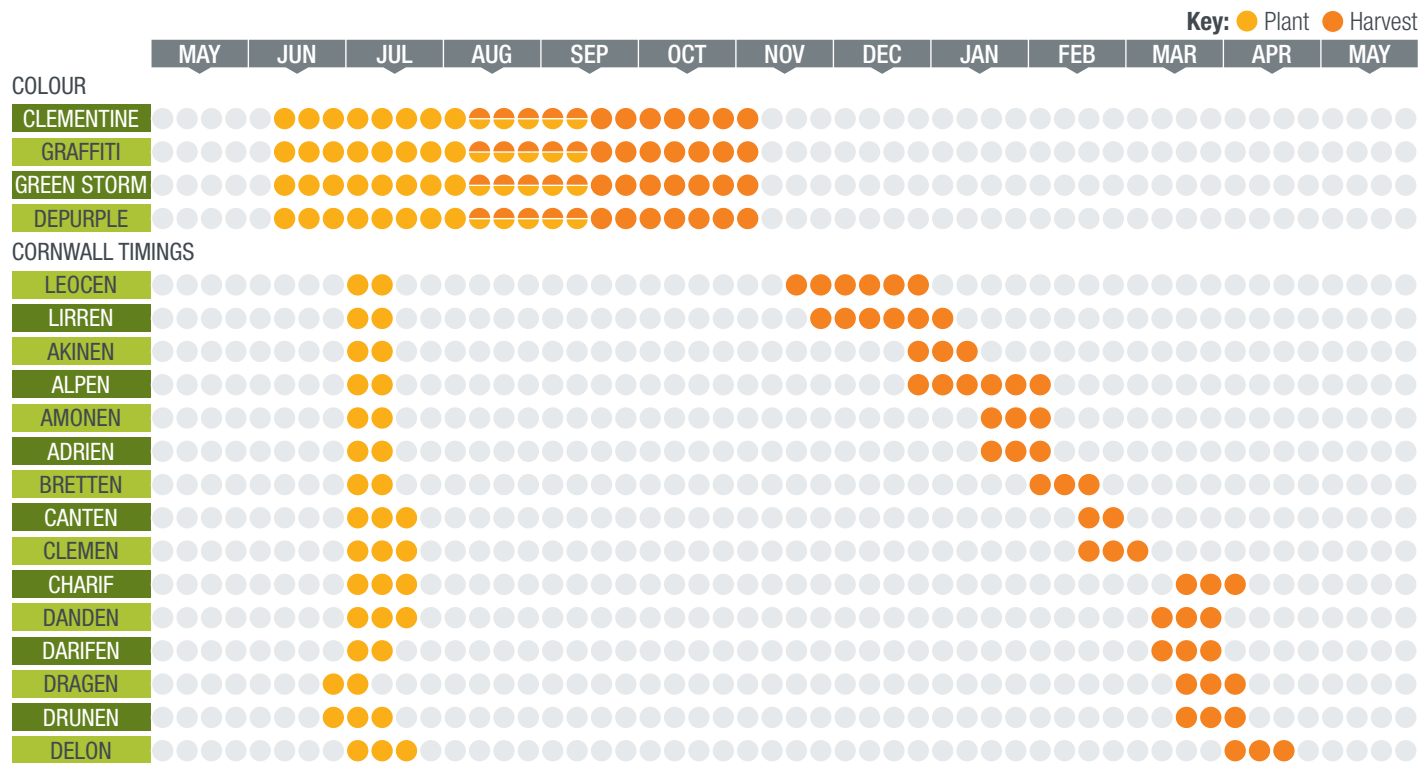


VARIETY FIT OVERVIEW CAULIFLOWER



*Clubroot resistant

VARIETY FIT
OVERVIEW
CAULIFLOWER



DISCOVER OUR WHOLEHEAD LETTUCE VARIETIES

“The crops I cover are lettuce and spinach. I really enjoy working in these crops because they are dynamic and fast changing. We have a fantastic range of leafy varieties to suit different segments and growing conditions.”



MEET THE EXPERT

Rosie Frost
Technical Sales Representative
(Leafy crops, Courgette and Pumpkin)

T: 07776 997416
E: rosemary.frost@syngenta.com



Our Iceberg Lettuce Varieties



LS15542
Ice Circle

Fast growing variety with full *Bremia* resistance

- Excellent shape
- Full resistance
- Flat midribs
- Fresh and processing
- Very well organised base throughout the season
- Quick filling head which doesn't become over dense
- Uniform head shape and concentrated maturity for highest harvesting rates

SUMMARY

Segment	Resistances
Iceberg	Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV (HR)
Harvest	
Spring/Autumn	

NEW



LICN10-0106
Ice Electro

Summer variety for retail or processing

- High quality summer variety
- Works flexibly on a range of different soils
- Excellent base shape
- Easy to harvest

SUMMARY

Segment	Resistances
Iceberg	Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV (HR)
Harvest	
Summer	



LS17504
Ice Jazz

Brand new, very uniform variety for spring and autumn

- Medium size variety for autumn
- Very uniform maturity for highest cropping rates
- Perfect base quality with robust, flat ribs in autumn
- Good head shape
- Attractive filling – med/fast
- Excellent wrapper leaf under stressful conditions

SUMMARY

Segment	Resistances
Iceberg	Bl: 16-37EU / Nr: 0 / Fol: 4
Harvest	
Autumn	

NEW



Ice Music

Flexible variety for main season

- Adaptable variety in different growing conditions
- Mainly for summer but can be grown in the spring and autumn too
- Easy and fast to harvest
- Smooth base

SUMMARY

Segment	Resistances
Iceberg	Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV (HR)
Harvest	
Spring/Summer and Autumn	



LS17510
Ice Party

Larger framed dual purpose variety

- Long harvest window
- Easy to harvest and pack
- Slight flat round head shape
- Slower filling variety but still good early yield
- Reliable head formation
- Tight wrapper leaf
- Robust variety for spring and autumn
- Very good base quality with tight filled ribs

SUMMARY

Segment	Resistances
Iceberg	Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV (HR)
Harvest	
Spring/Autumn	

NEW



LICN19-0071
Ice Pop

Slow growing retail size summer variety

- Very high uniformity of the crop for high harvesting rates
- Keeps excellent shape even under stressful conditions
- Very strong on tipburn and bolting tolerance

SUMMARY

Segment	Resistances
Iceberg	Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV (HR)
Harvest	
Spring/Autumn	



Our Cos Lettuce Varieties



Actina

25 cm Romaine with high resistances. Strong against tipburn and twisting

- Reliable medium-framed variety
- Upright and well-filled heart
- Outstanding tolerance to tipburn
- Excellent shape and earliness in spring crops
- Dual purpose variety suitable for both retail and processing

SUMMARY

Segment	Resistances
Romaine	Bl: 16-28, 30-32, 37EU / Nr: 0 / Fol: 1, 4
Harvest	
Summer/Autumn	



LS16841 Typical

Perfect complement for Actina in a programme

- Very strong on bolting
- Romaine for whole season
- Taller than Actina
- Strong against twisting
- Excellent shape
- Darker and more blistered leaf than Actina
- Performed consistently well on different soils

SUMMARY

Segment	Resistances
Romaine	Bl: 16-37EU / Nr: 0 / Fol: 1 / TBSV (HR)
Harvest	
Spring/Summer/Autumn	



LRM18-0016 Decina

Actina candidate with full *bremia* resistance package for UK & Spain

- Romaine for all season in Actina type with full *bremia*-package
- Strong against tipburn
- Improvement to Actina in bolting
- Very nice torpedo shaped heads
- Easy and fast to harvest
- Long harvest window

SUMMARY

Segment	Resistances
Romaine	Bl: 16-37EU / Nr: 0 / Fol: 1 / TBSV (HR)
Harvest	
Spring/Summer/Autumn	



LRM20-2005 Yakina

Torpedo shaped Romaine with Bl 16-37 downy mildew resistance

- Excellent tipburn tolerance
- Similar growth speed to Actina
- Easy to harvest
- Excellent shape for packing

SUMMARY

Segment	Resistances
Romaine	Bl: 16-37EU / Nr: 0 / Fol: 1 / TBSV (HR)
Harvest	
Spring/Summer/Autumn	

Our Mini Cos and Mini Cosberg Varieties



MiniBerg™

LRM19-1956 Greenspy

Fantastic new Mini Cosberg with excellent holding ability

- Sweet taste
- Thick crunchy leaves
- Oval shaped
- Easy to harvest
- Uniform

SUMMARY

Segment	Resistances
Mini Cosberg	Bl: 16-37EU / Nr: 0
Harvest	
Spring/Summer/Autumn	



LS18823 Tamago

Slender Mini Cos for all season

- Very upright growth habit
- Flat ribs and well closed base
- Narrow leaves – easy to prepare
- Slender Mini Cos for all season production
- Very high bolting tolerance
- Avg. height 18 cm

SUMMARY

Segment	Resistances
Mini Cos	Bl: 16-20, 22-25, 28-30, 33-37EU / Nr: 0 / Fol: 1 / TBSV (HR)
Harvest	
Spring/Summer/Autumn	



Our Little Gem Lettuce Varieties



LS16811
Henros

New easy peel Gem for all season

- Little Gem for all year round production
- Consistent on various soil types
- Good shape under all conditions
- Easy to harvest

SUMMARY

Segment	Resistances
Gem	Bl: 16-28, 30-32EU / Nr: 0



LS15806
Hydros

Throughout the season Gem

- Strong against bolting
- Attractive yellow internal filling
- Full mildew resistances
- Strong tipburn tolerance
- Good shape and good size for packing in all conditions
- Long harvest window – can stay in the field

SUMMARY

Segment	Resistances
Gem	Bl: 16-35, 37EU



LRMN20-2016
Phelago

Sweet gem with excellent shape and bolting tolerance

- Excellent base quality
- High bolting tolerance
- Long standing ability
- Robust and reliable

SUMMARY

Segment	Resistances
Sweet Gem	Bl: 16-37EU / Nr: 0 / TBSV (HR) / LMV: 1 (IR)
Harvest	Spring/Summer/Autumn

Our Speciality Lettuce Varieties



LS18468
Canagio

Green Bellagio butterhead

- Full *bremia* resistance
- Large number of leaves per head
- Good colour
- Clean on base

SUMMARY

Segment	Resistances
Green Bellagio	Bl: 16-36EU / Nr: 0
Harvest	Spring/Autumn



Coriole

Reliable, dark green Batavia

- Suitable for fresh market and processing
- Darker than Parole
- Improved blonding tolerance
- Good head weights

SUMMARY

Segment	Resistances
Green Batavia	Bl: 16-35, 37EU / Nr: 0 / LMV: 1 (IR)
Harvest	Spring/Summer/Autumn



Dario

Spiky red multi-leaf Apollo

- High yielding red Apollo type
- Spiky leaf texture
- Excellent colour and shine to the leaf

SUMMARY

Segment	Resistances
Bellagio	Bl: 16-37EU / Nr: 0
Harvest	Spring/Summer/Autumn



Our Speciality Lettuce Varieties



NEW

MiniBerg™

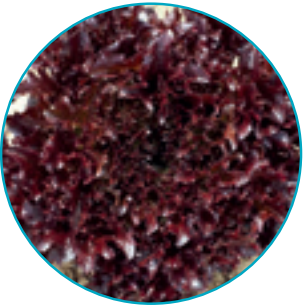
Grewger

Crispy round leaves perfect for burgers

- Once cored, the leaves fall apart as uniform sized round leaves with a frilly margin
- Interesting innovation in the market
- Heavy heads and thick crispy leaves

SUMMARY

Segment	Resistances	Harvest
Bellagio	Bl: 16, 18-21, 23-26, 28-37EU	Spring/Summer/Autumn



**LS18467
Prodigio**

New red incised with excellent colour and improved yield

- Dark cherry red incised Bellagio
- Good colour penetration
- Really high yield potential
- Good 3D-shape of cut leaves
- Strong on bolting in high summer!
- Flexible variety which works on many soil types and in all open field seasons

SUMMARY

Segment	Resistances	Harvest
Red Bellagio	Bl: 16-37EU / Nr: 0	Spring/Summer/Autumn



NEW

LMUL19-1911

Compact crispy green Apollo

- High yielding green Apollo
- Spiky leaf texture
- Very thick crispy leaves
- Proven quality in shelf life trials

SUMMARY

Segment	Resistances	Harvest
Bellagio	Bl: 16-37EU / Nr: 0 / TBSV (HR) / LMV: 1 (IR)	Spring/Summer/Autumn



**LS18469
Rubagio**

New red Bellagio butterhead

- Full *bremia* resistance
- Large number of leaves per head
- Good colour
- Clean on base

SUMMARY

Segment	Resistances	Harvest
Red Bellagio	Bl: 16-37EU / Nr: 0	Spring/Summer/Autumn



VARIETY	SEGMENT	RESISTANCES: <i>Bremia</i> (Bl) / <i>NASONOVIA</i> (Nr) / <i>FUSARIUM OXYSPORUM</i> (Fol)
CHALLENGE	ICEBERG	(HR) Bl: 17, 19, 22, 27-28, 30-31, 37EU / Fol: 4 / (IR) LMV: 1
ICE CALLA	ICEBERG	(HR) Bl: 16-32, 34, 36EU / Fol: 4 / TBSV
ICE CASTLE	ICEBERG	(HR) Bl: 16-29, 32, 34, 36EU / Nr: 0 / Fol: 1, 4 / TBSV
ICE CIRCLE	ICEBERG	(HR) Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV
ICE WAVE	ICEBERG	(HR) Bl: 16-37EU / Nr: 0 / TBSV
ICE RING	ICEBERG	(HR) Bl: 16, 18-37EU / Nr: 0 / Fol: 4 / TBSV
ICE MUSIC	ICEBERG	(HR) Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV
ICE PARTY	ICEBERG	(HR) Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV
ICE JAZZ	ICEBERG	(HR) Bl: 16-37EU / Nr: 0 / Fol: 4
ICE ELECTRO	ICEBERG	(HR) Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV
ICE POP	ICEBERG	(HR) Bl: 16-37EU / Nr: 0 / Fol: 4 / TBSV
CRISPAGIO	ICECOS	(HR) Bl: 16, 18-20, 22-24, 27-28, 30-32EU
ACTINA	ROMAINE	(HR) Bl: 16-28, 30-32, 37EU / Nr: 0 / Fol: 1, 4
PIVOTAL	ROMAINE	(HR) Bl: 16-29, 32, 34, 36EU / Fol: 4
TYPICAL	ROMAINE	(HR) Bl: 16-37EU / Nr: 0 / Fol: 1 / TBSV
CASUAL	ROMAINE	(HR) Bl: 16-37EU / Nr: 0 / TBSV
BELENDRA	ROMAINE - MINI	(HR) Bl: 16-35, 37EU
DECINA	COS	(HR) Bl: 16-37EU / Nr: 0 / Fol: 1 / TBSV
YAKINA	COS	(HR) Bl: 16-37EU / Nr: 0 / Fol: 1 / TBSV
TAMAGO	MINI COS	(HR) Bl: 16-20, 22-25, 28-30, 33-37EU / Nr: 0 / Fol: 1 / TBSV
IZIGO	MINI COS	(HR) Bl: 16-37EU / Nr: 0 / TBSV
GREENSPY	SPECIALITY - MINI COSBERG	(HR) Bl: 16-37EU / Nr: 0
CANAGIO	GEM	(HR) Bl: 16-36EU / Nr: 0
DRACOS	GEM	(HR) Bl: 16-30, 32, 34, 36, 37EU / Nr: 0 / Fol: 4 (IR) LMV: 1
HENROS	GEM	(HR) Bl: 16-28, 30-32EU / Nr: 0
HYDROS	GEM	(HR) Bl: 16-35, 37EU
PHELAGO	SWEET GEM	(HR) Bl: 16-37EU / Nr: 0 / TBSV (HR) / (IR) LMV: 1
MERINOS	GEM	(HR) Bl: 16-37EU / TBSV (HR)
DARIO	SPECIALITY - RED INCISED MULTILEAF	(HR) Bl: 16-37EU / Nr: 0
CORIOLE	SPECIALITY - GREEN BATAVIA	(HR) Bl: 16-35, 37EU / Nr: 0 / (IR) LMV: 1
PAROLE	SPECIALITY - GREEN BATAVIA	(HR) Bl: 16-35, 37EU / Nr: 0 / (IR) LMV: 1
CHEROLA	SPECIALITY - GREEN BATAVIA - INDOOR	(HR) Bl: 16-35, 37EU
PRODIGIO	SPECIALITY - GREEN BELLAGIO	(HR) Bl: 16-37EU / Nr: 0
CANAGIO	SPECIALITY	(HR) Bl: 16-37 EU / NR: 0
RUBAGIO	SPECIALITY - RED BELLAGIO	(HR) Bl: 16-37EU / Nr: 0
GREWGER	SPECIALITY - MINIBERG	(HR) Bl: 16, 18-21, 23-26, 28-37EU
LMUL19-1911	SPECIALITY	(HR) Bl: 16-37EU / Nr: 0 / TBSV (HR) / (IR) LMV: 1

DISCOVER OUR BABYLEAF VARIETIES



MEET THE EXPERT

Sanna Hasila
Technical Sales
Representative (Nordics)

“Lettuce varieties for Hydroponic of Syngenta has very high quality, which ensures good yield through the year. Besides that sweet taste and crispy structure make varieties reliable for the customer”

Our Babyleaf Lettuce Varieties



LS18054 Adelita II

True red Batavia with excellent dark cherry red colour

- Even leaf size
- Flexible leaf
- Upright growth for easy harvest
- Brilliant cherry red throughout the whole leaf
- Very uniform crop
- Remarkable leaf uniformity
- Strong resistance package

SUMMARY

Segment	Resistances
Babyleaf – Batavia	Bl: 16-37EU / Nr: 0 / Fol:1, TBSV



Flavita

Dark shiny baby green Batavia

- Intensive fresh green colour
- Long harvesting window!
- Good leaf shape – not too wide and 3D-shape
- Slower growing green Batavia for Babyleaf production
- Small cutting point

SUMMARY

Segment	Resistances
Babyleaf lettuce	Bl: 16-37EU / Fol: 1



NEW

LBABI9-I937

Very thick leaf green Batavia

- Thick upright green Batavia leaves
- Extra crispy texture
- High yielding variety
- Long shelf life
- Frilly margin around leaf

SUMMARY

Segment	Resistances
Green Batavia	Bl: 16-37EU / Nr: 0 / TBSV



NEW

Yelita

Fast growing green Batavia

- Bright green colour
- Fast growing
- Good volume
- High uniformity of growth

SUMMARY

Segment	Resistances
Green Batavia	Bl: 16-37EU / Nr: 0 / Fol:1 / TBSV

Our Babyleaf Lettuce Varieties



LS16033
Lennita

Brand new red Batavia lollo

- Dark shiny red colour
- Versatile
- 3D shape leaf
- Thick and wide leaf
- High yielding
- Excellent quality
- Good colour penetration

SUMMARY

Segment	Resistances
Babyleaf – Red Lollo/Batavia	Bl: 16-37EU / Nr: 0 / TBSV



Kerrita

Good early variety with deep coloured, even shaped leaf, strong enough for processing

- Super dark red baby cos
- Strong processable leaf
- Good leaf shape and colour
- Excellent field holding and yield
- Good earliness
- High downy mildew resistance
- Thick leaf with narrow petiole and not too large leaf

SUMMARY

Segment	Resistances
Babyleaf lettuce	Bl: 16-37EU / Fol:4



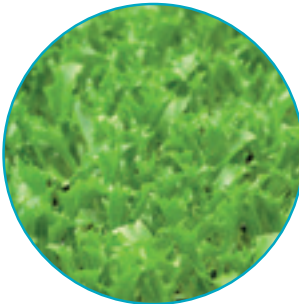
LS17046
Crackita

Brand new slow growing version of Crispita II

- Crispy leaf
- Mid green colour
- Slower growing than Crispita II
- Excellent 3D leaf

SUMMARY

Segment	Resistances
Babyleaf lettuce	Bl: 16-37EU / TBSV



Crispita II

Unique robust, crisp baby leaf lettuce with a sweet taste, narrow petiole and frilly 3D leaf shape

- Good field holding
- Good shelf life
- Crispy and crunchy with sweet taste
- Unique leaf shape and very good 3D structure
- High yielding when compared to standard baby green lettuce
- Suitable for both outdoor and protected production
- Good yield, excellent taste and wide harvesting window

SUMMARY

Segment	Resistances
Babyleaf Iceberg	Bl: 16-37EU / Fol:4



LS16037
Red Crispita II

The red equivalent of Crispita II

- First red crispy baby leaf on the market
- Narrow petiole
- Excellent colour penetration
- Excellent 3D-shape for volume in the bag
- Good field standing ability
- Very good harvesting window

SUMMARY

Segment	Resistances
Babyleaf lettuce	Bl: 16-37EU / TBSV



NEW

LBAB19-1938
Rockita

Incised version of Crispita II

- High volume in the bag
- Excellent 3D shape
- Uniform growth
- Highly incised version of Crispita II
- Thick and crispy leaves

SUMMARY

Segment	Resistances
Green Crispy	Bl: 16-37EU / TBSV

Our Babyleaf Lettuce Varieties



Sulfitra

Red Batavia with very thick leaves and a lovely cherry red colour

- Excellent colour
- Excellent shelf life
- High yields due to thick leaf
- Excellent mildew package
- Thick and crispy leaves

SUMMARY

Segment	Resistances
Red Batavia	Bl: 16-37EU / TBSV
Harvest	
Spring/Summer/Autumn	



Sarrita

Brand new red oak

- Excellent colour penetration
- Dark red colour
- Good vigour
- Nice lobed oak shape

SUMMARY

Segment	Resistances
Red Oak	Bl: 16-37EU / Fol: 1
Harvest	
Spring/Summer/Autumn	



LS18058 Takita

Baby green oak

- Fully resistant green oak
- Narrow cut point
- Good colour
- Fast growth

SUMMARY

Segment	Resistances
Babyleaf lettuce	Bl: 16-37EU / Nr: 0
Harvest	
Spring/Summer/Autumn	

VARIETY FIT
OVERVIEW
BABYLEAF
LETTUCE



VARIETY	SEGMENT	COLOUR	RESISTANCES <i>Bremia</i> (Bl) / <i>Nasonovia</i> (Nr) / <i>Fusarium oxysporum</i> (FOL)
MESCLITA	APOLLO	GREEN	Bl: 16-37EU / Nr: 0
STELLITA	APOLLO	GREEN	Bl: 16-37EU / Nr: 0
ADELITA II	BATAVIA	RED	Bl: 16-37EU / Nr: 0 / Fol:1, TBSV
LBAB19-1937	BATAVIA	GREEN	Bl: 16-37EU / Nr: 0 / TBSV
FLAVITA	BATAVIA	GREEN	Bl: 16-37EU / Fol: 1
ROXXITA	BATAVIA	GREEN	Bl: 16-37EU / Nr: 0 / TBSV
YELLITA	BATAVIA	GREEN	Bl: 16-37EU / Nr: 0 / Fol:1 / TBSV
CLAUDITA	BATAVIA/LOLLO	RED	Bl: 16-37EU / Fol:1, Fol:4
CORTESITA	BATAVIA/LOLLO	RED	Bl: 16-37EU / Fol: 1
IZABITA	BATAVIA/LOLLO	RED	Bl: 16-37EU / Fol:1, Fol:4
LENNITA	BATAVIA/LOLLO	RED	Bl: 16-37EU / Nr: 0 / TBSV
CUPIDITA	COS	RED	Bl: 16, 18-37EU / Fol: 1
KERRITA	COS	RED	Bl: 16-37EU / Fol:4
ROMANITA	COS	GREEN	Bl: 16-37EU / Nr: 0 / Fol: 1
CRACKITA	CRISPY	GREEN	Bl: 16-37EU / TBSV
CRISPITA II	CRISPY	GREEN	Bl: 16-37EU / Fol:4
ICEVITA	CRISPY	GREEN	Bl: 16-37EU / Nr: 0 / TBSV
RED CRISPITA II	CRISPY	RED	Bl: 16-37EU / TBSV
ROCKITA	CRISPY	GREEN	Bl: 16-37EU / TBSV
SULFITA	CRISPY	RED	Bl: 16-37EU / TBSV
ALICITA	OAK	RED	Bl: 16-37EU / Nr: 0 / Fol: 1
SARRITA	OAK	RED	Bl: 16-37EU / Fol: 1
TAKITA	OAK	GREEN	Bl: 16-37EU / Nr: 0

Our Babyleaf Spinach Varieties



LDSP999
El Bravo

Fast growing variety for spring/autumn production

- Medium fast growing variety in the El Tajin-segment
- Upright growth – easy to harvest and to pack
- Attractive dark green colour
- More round leaves than El Tajin
- Slightly savoyed

SUMMARY

Segment	Resistances
Babyleaf Spinach	HR Pe: 1-7, 9-19 / Sv
Harvest	
Spring/Autumn	



El Furio

The darkest green colour of our assortment

- Very dark colour
- Extra thick leaves
- Semi savoy leaf
- Good mildew package
- Resistance to *Stemphyllium*

SUMMARY

Segment	Resistances
Babyleaf Spinach	HR Pe: 1-7, 9-19 / Sv
Harvest	
Spring/Autumn	



El Giga

Fast growing variety for start and end of the season or overwinter under protection

- Fast growing
- Upright
- High yielding

SUMMARY

Segment	Resistances
Babyleaf Spinach	HR Pe: 1-18 / Sv
Harvest	
Winter/Spring	



NEW

El Halo

New summer spinach with excellent yields and bolting tolerance

- Good bolting tolerance in mid summer
- Round leaves with a semi savoy texture
- Added *Stemphyllium* resistance

SUMMARY

Segment	Resistances	Harvest
Babyleaf Spinach	HR Pe: 1-7, 9-19 / Sv	Summer



LDSP980
El Lucio

Thick leaves for the spring/autumn segment

- Dark green colour
- Smooth with a slight savoy
- Thick leaves
- Medium-long petiole
- Round to slightly oval leaf shape
- Medium-slow growth
- Good yield potential

SUMMARY

Segment	Resistances	Harvest
Babyleaf Spinach	HR Pe: 1-7, 9-19 / Sv, IR Pe: 8	Spring/Autumn



NEW

El Madison

Dark green medium speed summer variety

- Very dark colour
- Semi savoy leaf
- Flexible variety for main season
- Extra thick leaves
- Medium growth speed

SUMMARY

Segment	Resistances	Harvest
Babyleaf Spinach	HR Pe: 1-7, 9-19 / Sv	Spring/Summer/Autumn



NEW

El Swing

Medium speed with excellent bolting tolerance

- Flexible variety for all season
- Semi savoy leaf
- High resistance package

SUMMARY

Segment	Resistances	Harvest
Babyleaf Spinach	HR Pe: 1-18 / Sv	Spring/Summer/Autumn



MEET THE EXPERT

Henrik Pedersen
Senior Account Manager
(Nordics)

“Syngenta spinach breeding has for years been focused on quality for the babyleaf grower. Both agronomic traits like the highest level of *Peronospora* resistance & *Stemphyllium* resistance combined with thick dark semi savoyed leaves gives the grower as high an income as possible. We are there now with a commercial assortment for all season and a strong pipeline and a commitment for the future of babyleaf growing.”

VARIETY FIT
OVERVIEW
BABYLEAF
SPINACH

VARIETY	LEAF SHAPE	SEGMENT	SAVOYNESS	RESISTANCES <i>Peronospora effusa</i> (Pe) and <i>Stemphylium vesicarium</i> (Sv)
EL BRAVO	OVAL	SPRING/AUTUMN	SMOOTH	Pe: 1-7, 9-19 / Sv
EL FURIO	ROUND	SPRING/AUTUMN	SEMI-SAVOY	Pe: 1-7, 9-19 / Sv
EL GIGA	OVAL	WINTER/SPRING	SMOOTH	Pe: 1-18 / Sv
EL HALO	ROUND	SUMMER	SAVOY	Pe: 1-7, 9-19 / Sv
EL LUCIO	ROUND	SPRING/AUTUMN	SMOOTH	Pe: 1-7, 9-19 / Sv
EL MADISON	OVAL	SPRING/SUMMER/AUTUMN	SEMI-SAVOY	Pe: 1-7, 9-19 / Sv
EL SWING	ROUND	SPRING/SUMMER/AUTUMN	SEMI-SAVOY	Pe: 1-18 / Sv
EL TAJIN	OVAL	SPRING/AUTUMN	SMOOTH	Pe: 1-9, 11-16, 18-19 / Sv
PUNGI	OVAL	SPRING/AUTUMN	SMOOTH	Pe: 1-12, 14-16, 19



DISCOVER OUR
ONION
VARIETIES

“Onions the start of almost every dish. I’ve always been passionate about onions, particularly establishments, as the key to a good crop is establishment ‘So well sown is half grown is my motto’. Also when choosing a Syngenta variety you ensure the best in long-term storage and therefore out of store yield ”



MEET THE
EXPERT

Nigel Kingston
Technical Sales Representative
(Onion, Broccoli and Cabbage)

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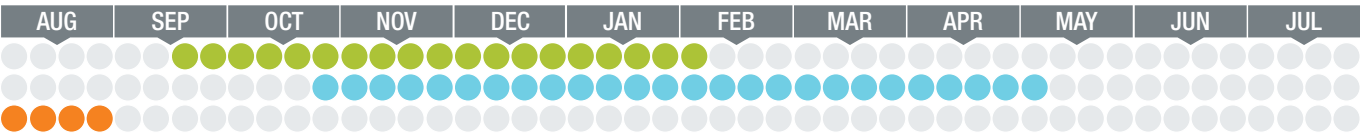
Our Onion Varieties



Prediction

- Intermediate long day variety
- Downy mildew resistance
- Uniformity
- HR: Pd
- Very early maturing
- Thin necked
- Good for organic production
- Highly resistant against downy mildew
- Firm
- Good yield
- Good dormancy

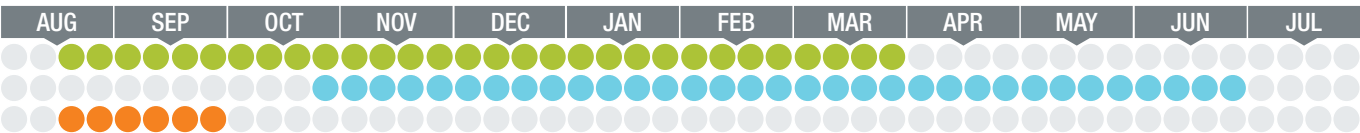
Key: ● Ambient storage ● Cold storage ● Harvest



Vision

- Good yield out of storage
- Excellent storability
- Good, natural sprouting tolerance
- Firm, round bulb with nice skin quality
- An early variety with very high yield
- Long storage

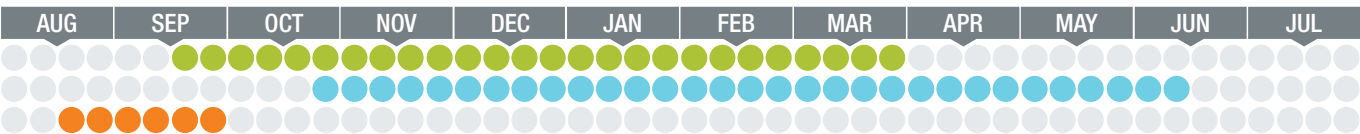
Key: ● Ambient storage ● Cold storage ● Harvest



Nation

- Early/Mid-variety
- High firmness
- Suitable for all soil types
- High dormancy
- Very high yielding variety
- Strong in high weed pressure situations
- Good skin quality
- Large bulbs
- Dark, vigorous foliage

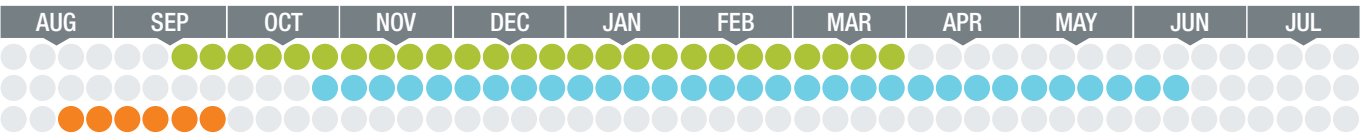
Key: ● Ambient storage ● Cold storage ● Harvest



Promotion

- Mid season
- Excellent skin quality
- Suitable for long storage
- Very strong root system
- Very high yielding variety
- Nice shaped bulb

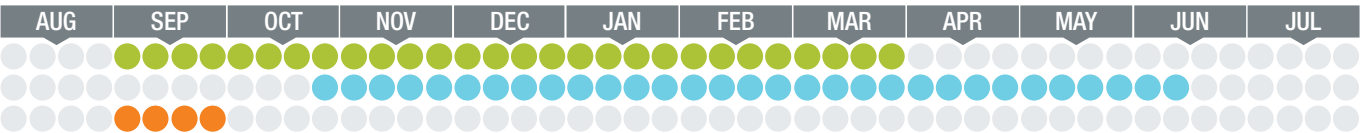
Key: ● Ambient storage ● Cold storage ● Harvest



Motion

- Excellent long-term storage
- Solid bulbs
- Early bulb formation
- Good skin quality
- Good for single centres
- Good yield

Key: ● Ambient storage ● Cold storage ● Harvest



DISCOVER OUR SQUASH VARIETIES



MEET THE EXPERT

Rosie Frost
 Technical Sales Representative
 (Leafy crops, Courgette and Pumpkin)

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 E: rosemary.frost@syngenta.com

“We have an absolutely fantastic squash portfolio, our strong range of virus resistances in courgette varieties gives security to the growers along with high yields and quality fruit. The addition of pumpkins is an exciting development which has further strengthened our range in squash.”

Our Courgette Varieties



— Milos
 High quality fruit and savings in harvesting time

- High commercial yield, stable production and flexibility of use
- Uniform fruits – quicker to pack
- Upright, open plants, long fruit stalks; easier harvesting, which reduces harvesting time and hence production costs
- Well balanced plants, good air flow around foliage, with resistance to the 3 viruses and powdery mildew (IR)
- Semi-erect and open canopy, with short internodes
- High quality medium dark green fruit, uniform and bright
- Ease of harvest is a key characteristic of the plant and the fruit
- Reliable in all open field situations by rusticity, with good resistance and production stability

RESISTANCES: IR: CMV / ZYMV / WMV / Gc-PX



— Zefiros
 The first Syngenta variety with a 4 viruses intermediate resistance package

- High level of IR to 4 virus = choose the best security for your production
- Really high yield potential = to get the best quantity out of your field and maximise your turnover
- A nice fruit quality with dark green colour and straight shape = to fit your customer demand
- Open plant habit and erect plant stand = limit your harvesting cost by being more efficient in collecting the fruits
- Well balanced plant vigour, to support with an appropriate fertiliser programme
- Mainly for summer harvest

RESISTANCES: IR: CMV / ZYMV / WMV / PRSV / Gc-PX



Courgette variety fit overview

VARIETY	RESISTANCES	FRUIT (L/D)	FRUIT COLOUR	USE, DEPENDING ON VIRUS PRESSURE
BLACK FOREST		Long Cylindrical	Dark Green	No virus pressure. Perfect for hobby market
CRONOS	ZYMV / WMV / Gc-PX	Cylindrical	Dark Green	Low to medium virus pressure
MILOS	CMV / ZYMV / WMV / Gc-PX	Cylindrical	Dark Green	Strong virus pressure
NAXOS	CMV / ZYMV / WMV / Gc-PX	Cylindrical	Dark Green	Strong to very strong virus pressure
PATMOS	CMV / ZYMV / WMV / Gc-PX	Cylindrical	Dark Green	Strong to very strong virus pressure
RHODOS	CMV / ZYMV / WMV / Gc-PX	Cylindrical	Dark Green	Strong virus pressure
SYROS	CMV / ZYMV / WMV / Gc-PX	Cylindrical	Dark Green	Strong to very strong virus pressure
ZEFIROS	CMV / ZYMV / WMV / PRSV / Gc-PX	Cylindrical	Dark Green	Strong to very strong virus pressure

Our Pumpkin Varieties



Early Abundance

- 90 growing days
 - Small round fruit
 - Dark orange colour
 - Weight 4-6 lbs
- RESISTANCES:** IR: Px



Early King

- 90 growing days
 - Round, slightly tall fruit
 - Deep orange colour
 - Very large fruit
 - Weight 22-28 lbs
- RESISTANCES:** IR: Px



Early Prince

- 90 growing days
 - Round, slightly tall fruit
 - Dark orange colour
 - Medium sized fruit
 - Weight 13-15 lbs
- RESISTANCES:** IR: Px



Table of Abbreviations

Brassica spp

SCIENTIFIC NAME PATHOGEN ISF	COMMON NAME	ABBREVIATION	RACES/STRAINS
<i>Xanthomonas campestris pv. campestris</i>	Xanthomonas	Xcc	
<i>Albugo candida</i>	White blister	Ac	
<i>Fusarium oxysporum f.sp. conglutinans</i>	Fusarium	Foc	1
<i>Mycosphaerella brassicicola</i>	Ringspot	Mb	
<i>Peronospora parasitica</i>	Downy mildew	Pb	
<i>Plasmodiophora brassicae</i>	Clubroot	Pb	

Lettuce

SCIENTIFIC NAME PATHOGEN ISF	COMMON NAME	ABBREVIATION	RACES/STRAINS
<i>Bremia lactucae</i>	Downy mildew	Bl	16-36
<i>Fusarium oxysporum f.sp. Lactucae</i>	Fusarium	Fol	2
<i>Nasonovia ribisnigri</i>	Currant-lettuce aphid	Nr	0
<i>Lettuce mosaic virus</i>	Lettuce mosaic virus	LMV	1
<i>Tomato Bushy Stunt Virus</i>	Tomato Bushy Stunt Virus	TBSV	

Spinach

SCIENTIFIC NAME PATHOGEN ISF	COMMON NAME	ABBREVIATION	RACES/STRAINS
<i>Peronospora farinosa f.sp. spinaciae</i>	Mildew	Pfs	1-17

Squash

SCIENTIFIC NAME PATHOGEN ISF	ABBREVIATION
<i>Podosphaera xanthii (ex Sphaerotheca fuliginea)</i>	Px
<i>Cucumber mosaic virus</i>	CMV
<i>Papaya ringspot virus (ex WMV-I)</i>	PRSV
<i>Squash Leaf Curl Virus</i>	SLCV
<i>Watermelon mosaic virus (ex WMV-II)</i>	WMV
<i>Zucchini yellow mosaic virus</i>	ZYMV



Levels of Resistance

Two levels of resistance are defined:

High/standard resistance (HR*)

Plant varieties that highly restrict the growth and development of the specified pest or pathogen under normal pest or pathogen pressure when compared to susceptible varieties. These plant varieties may, however, exhibit some symptoms or damage under heavy pest or pathogen pressure.

Moderate/intermediate resistance (IR*)

Plant varieties that restrict the growth and development of the specified pest or pathogen, but may exhibit a greater range of symptoms or damage compared to high/standard resistant varieties. Moderately/intermediately resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar

environmental conditions and/or pest or pathogen pressure. Susceptibility is the inability of a plant variety to restrict the growth and development of a specified pest or pathogen.

The Vegetable Section of ISF recommends, as it pertains to biotic stress, that its members use the terms immunity, high/standard or moderate/intermediate resistance and susceptibility and to avoid the term tolerance in communications with their customers.

Tolerance is the ability of a plant variety to endure abiotic stress without serious consequences for growth, appearance and yield. Vegetable companies will continue to use tolerance for abiotic stress.

Fungal disease – what's it worth?

1% reduction in pack out

£90/ha*

*Excludes grading and transport.
Approximate figures based on Brussels
sprouts output – 20 t/ha @ £450/t.

Growers can rely on good levels of resistance against *Mycosphaerella* (Ringspot) in our varieties and we go further in our ambition to deliver solutions.

We introduced the first Savoy cabbage varieties to the market to combine resistance against *Mycosphaerella*, white blister and clubroot. With unpredictable seasons, this combined resistance against several fungal diseases in one variety helps assure quality whatever the season.

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Syngenta Seeds Vegetables has exercised reasonable care and skill in compiling this brochure.

All resistances quoted refer only to strains of races or pathotypes indicated on the varieties. Other pathogen races or pest biotypes capable of overcoming the resistance may exist or emerge.

Syngenta Seeds Vegetables uses highly elaborate analytical methods to verify specific variety resistances. Specificity of pests or pathogens may vary over time and depends on environmental factors.

In order to maximise the efficiency of a resistance, it is highly recommended to mix different ways of control such as growing conditions, plant protection products and genetic resistance as part of an integrated crop management.

The Syngenta resistance against Clubroot is effective against the predominant races Pb:0 and Pb:1 and against the less frequent race Pb:3 but not against the infrequent race Pb:2 that may occur in some fields.

Genetic resistance is only one of the tools to manage Clubroot. Cultural measures such as liming, use of fertilisers with high percentage of calcium, proper drainage, good crop hygiene management are several important components of an integrated approach to manage the disease.

We always recommend to first execute small variety trials before starting commercial production of a new variety.

Spinach leaf spots can be caused by many different fungus; i.e. *Peronospora effusa*, *Stemphylium* spp., *Cladosporium variabile*, *Colletotrichum dematium* which are not always monitored by EU authorities.

Syngenta identified high resistance (HR) in our genetic to at least one *Stemphylium* specie that we identified & isolated from many leafspot samples over the last few years & in different EU countries.

The latest International Seed Federation (I.S.F.) terms and definitions describing the reaction of plants to pests and pathogens and to abiotic stresses for the vegetable seed industry are hereby incorporated by reference. The meaning of such terms in any related statement made by Syngenta shall be as provided by the I.S.F. If Syngenta adopts a proper term to define the reaction of plants to pests and pathogens and to abiotic stresses, Syngenta shall inform the customers of such term and of its definition.

All data in this brochure are intended for general guidance only and the user should apply it in accordance with their own knowledge and experience of local conditions. In case of doubt we recommend that a small scale production trial be carried out to determine how local conditions may affect the variety.

Syngenta Seeds Vegetables cannot accept any liability in connection with this brochure.