

Leek




nunhems®

 - **BASF**

We create chemistry

#VegetablesPeopleLove

Leek

Solutions for all segments!

We are “Growing Together in the Leek Business.”

BASF | Nunhems has been working closely with leek producers around the world for more than 30 years. We have developed an outstanding basis for very high-quality hybrid leek breeding. Plus, we have established one of the world’s most highly specialised leek teams. While you grow and develop your business, we are there for you, working with you.

Close ties and trust are the foundation of every partnership. BASF | Nunhems can count on committed leek specialists who offer you high-quality leek varieties from a portfolio that covers all cultivation periods. With our genetic expertise and our comprehensive services, we can offer you attractive added value along the entire supply chain.

Ranging from leek for prepack, fresh market, industry, organic or conventional cultivated leek, leek for soup packs, meal packs or sale per piece... it is our mission to offer the best genetics and services for your markets.



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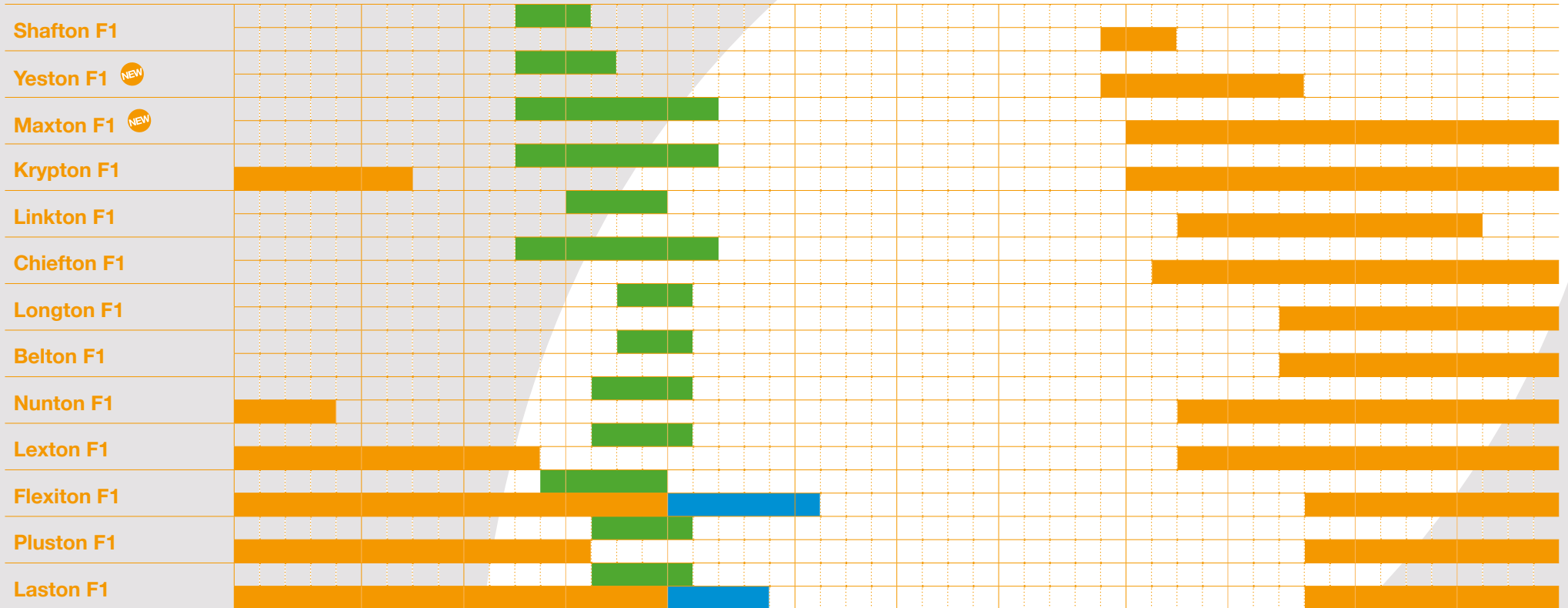


Growing Recommendation & Assortment Overview

■ Sowing ■ Harvest period ■ Leek out of cold store

January					February				March				April				May				June				July			August			September			October			November			December											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52

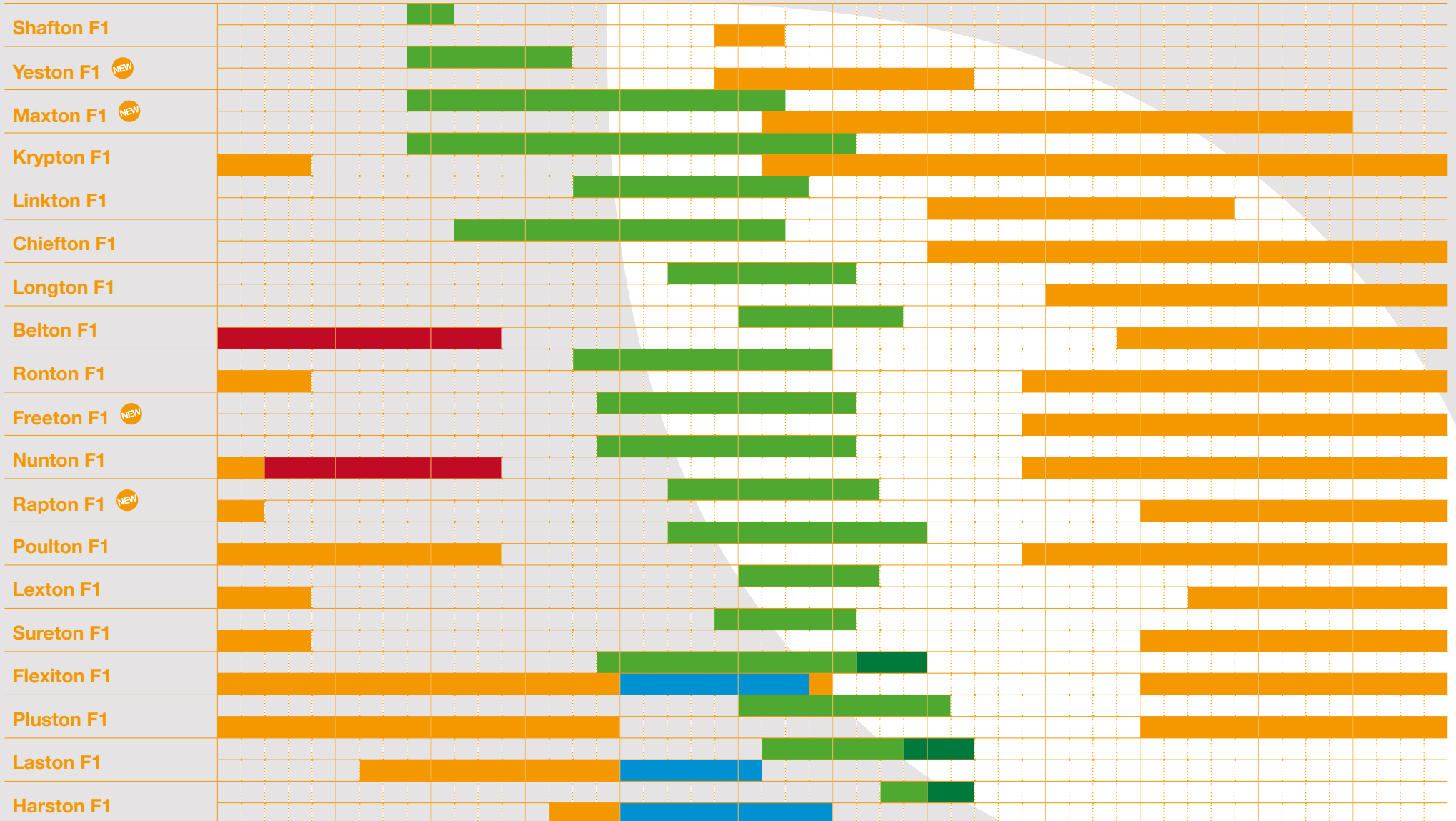
Cultivation calendar for direct sowing



















































































■ Planting
 ■ Planting for cold store
 ■ Harvest period
 ■ Extra harvest period in organic
 ■ Leek out of cold store

January					February					March					April					May					June					July					August					September					October					November					December				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52								

Cultivation calendar for planting







Leek assortment overview

Variety	Type	Earliness	Leaf Colour	Plant Type	Shaft Length	Resistance				
						Pa	Ap	Tt	Psp	Pp
Shafton F1	   	9	5	7	7	IR			IR	
Yeston F1 	   	9	6	7	6	IR	IR	IR	IR	
Maxton F1 	   	7.5	6.5	7	6	IR	IR	IR	IR	
Krypton F1	   	8	6	7	6				IR	
Linkton F1	   	8	6	7	8	IR	IR		IR	
Chiefton F1	   	7	7	8	8		IR		IR	
Longton F1	   	7	7	8	8		IR	IR	IR	
Belton F1	   	6.5	7	7	7	IR	IR		IR	IR
Ronton F1	   	6	7	8	7	IR	IR	IR	IR	IR
Freeton F1 	   	6	7	7	6	IR	IR	IR	IR	
Nunton F1	   	6	7	7	6	IR	IR	IR	IR	IR
Rapton F1 	   	6	7	7	5	IR	IR	IR	IR	IR
Poulton F1	   	6	7	5	5		IR			IR
Lexton F1	   	6	8	8	8		IR		IR	
Sureton F1	   	5.5	8.5	7	5				IR	
Flexiton F1	   	5	8	8	6	IR	IR	IR	IR	IR
Pluston F1	   	7	8	7	6		IR	IR	IR	IR
Laston F1	   	5	9	8	6	IR	IR	IR	IR	
Harston F1	   	5	8	6	5				IR	

Slow Growing	1	Earliness	10	Fast Growing
Light Green	1	Leaf Colour	10	Dark Green
Less Erect	1	Plant Type	10	Upright
Short	1	Shaft Length	10	Long

IR: Intermediate Resistance | Pa: *Puccinia allii* | Ap: *Alternaria porri* | Tt: *Thrips tabaci* | Psp: *Pseudomonas syringae pv. porri* | Pp: *Phytophthora porri*

 Fresh Market  Industry  Prepack  Organic



Spring / Summer Leek Varieties



SHAFTON F1

Certainty at the start of the season

- Early variety for the kick-off of your cultivation season
- High yield because of the long shaft
- Very fast variety with good tolerance to bolting

Cultivation period	Spring / Summer
Use	Fresh Market, Industry, Prepack
Shaft length	Medium to long depending on the harvesting moment



YESTON F1 NEW

Earliness and vigour

- Early variety with good bolting resistance and very good performance in difficult conditions
- Combines high yield potential with strength against thrips
- Very good regrowth after transplanting

Cultivation period	Summer
Use	Fresh Market, Industry, Prepack
Shaft length	Short to long depending on the harvesting moment



Summer / Autumn Leek Varieties

MAXTON F1

Out of its leek in profitability

- Combines yield, quality and cleanability
- Quality thanks to its strength against thrips, attractive leaf colour and uniformity
- The best choice in summer and early autumn when there can be high thrips pressure

Cultivation period Summer / Autumn

Use Fresh Market, Industry, Prepack

Shaft length Short to long depending on the harvesting moment



NEW



KRYPTON F1

Out of its leek in productivity

- Standard in leek cultivation
- Highest yielding variety in our range
- Very high cleaning ability

Cultivation period	Summer / Autumn
Use	Fresh Market, Industry, Prepack, Organic
Shaft length	Short to long, depending on the harvesting moment



LINKTON F1

Long shaft summer variety

- Early variety
- Long shaft without oversize
- Stable shaft makes it ideal for processing

Cultivation period	Summer / Autumn
Use	Industry, Prepack
Shaft length	Long



CHIEFTON F1

Uniformity in shaft length and diameter

- High bolting resistance
- Uniform shaft ideal for processing
- Upright, dark leaves that keep colour

Cultivation period	Summer / Autumn
Use	Fresh Market, Industry, Prepack, Organic
Shaft length	Long



LONGTON F1

Standard variety for processing and as prepack

- Long, stable shaft without oversize
- Easy to clean
- Strong against thrips

Cultivation period	Autumn
Use	Fresh Market, Industry, Prepack
Shaft length	Long

Autumn Leek Varieties



BELTON F1

Its complete disease resistance makes Belton the autumn standard for the organic market

- ✓ Variety with the highest Intermediate Resistance against rust
- ✓ Very strong against Alternaria

Cultivation period	Autumn
Use	Fresh Market, Prepack, Organic
Shaft length	Long



RONTON F1

Long autumn variety with complete resistances

- ✓ Very good disease and thrips resistance
- ✓ Nice upright dark leaves
- ✓ Good bolting resistance
- ✓ Solid shaft

Cultivation period	Autumn
Use	Fresh Market, Prepack
Shaft length	Long



FREETON F1

Thrips resistance and cleanability

- ✓ Strong against thrips
- ✓ Less labour, thanks to its good cleanability and no leaf breaking
- ✓ Good product uniformity

Cultivation period	Autumn
Use	Fresh Market
Shaft length	Medium



NUNTON F1

Autumn variety with good rust resistance

- ✓ Upright leaves, easy to harvest
- ✓ Solid shaft strong against red stripes

Cultivation period	Autumn
Use	Fresh Market, Organic
Shaft length	Medium





POULTON F1

Proven variety for flexibility
in your harvest window

- Leaves keep dark colour and shelf life through the season
- Short shaft remains during growing season
- Very good shelf life

Cultivation period Autumn / Winter

Use Fresh Market

Shaft length Short

Autumn / Winter Leek Varieties



LEXTON F1

Long shaft autumn variety

- Compact shaft and leaves
- Efficient variety for cold storage
- Long harvesting window

Cultivation period	Autumn / Winter
Use	Fresh Market, Prepack
Shaft length	Long



SURETON F1

Efficiency in growing and cleaning for autumn and early winter

- Good uniformity, ideal for sale by piece
- Strong leaves without delamination
- Easy to clean

Cultivation period	Autumn / Winter
Use	Fresh Market
Shaft length	Short



RAPTON F1

Out of its leek in cleanability and uniformity

- 10-20% saving in cleaning labour
- Exceptionally uniform
- Strong against diseases and thrips
- Very suitable for the leek by piece

Cultivation period Autumn / Early Winter

Use Fresh Market

Shaft length Short



FLEXITON F1

Out of its leek in cleanability

- Variety with the best cleanability in winter
- Compact, solid, fresh leek, strong against leaf breaking and red stripes
- Strong against diseases, also not susceptible for Colletotrichum
- Not susceptible for white spots
- Variety with the longest harvest window
- Very suitable for storage in cool room

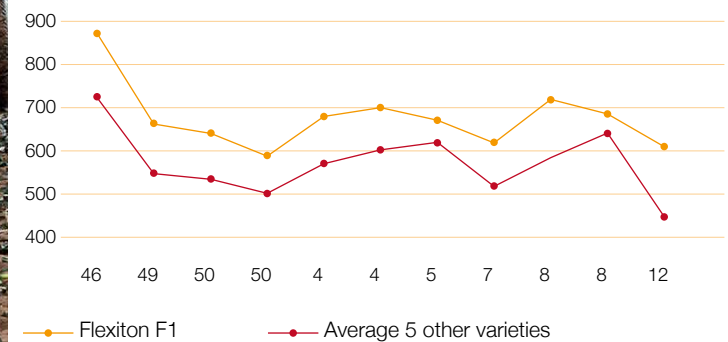
Cultivation period Autumn / Winter

Use Fresh Market

Shaft length Medium

Super-fast cleaning? Choose Flexiton!

Cleanability / trial harvest week pieces/pers/h



Based on trial data from Nunhems cleaning line, 11 trials, 2 countries, 2 years

Flexiton cleans 100 pieces/h faster



PLUSTON F1

Security during winter

- Very weather resistant variety: tolerates the heat in summer and the big variation in temperatures and humidity in winter
- Strongest against phytophthora
- Very good regrowth after transplanting
- Yield is guaranteed

Cultivation period	Late Autumn / Winter
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Use	Fresh Market, Industry, Organic
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Shaft length	Long
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Winter / Spring Leek Varieties



LASTON F1

Good bolting resistance at the end of the season

- Upright, dark blue and healthy leaves
- Easy to clean
- Good regrowth in spring, combines with late bolting
- Very strong against rust, so ideally suited for organic growth

Cultivation period	Winter / Spring
Use	Fresh Market, Organic
Shaft length	Long



HARSTON F1

Proven variety for cool room storage

- Winter variety for the end of the season
- Suitable for long cold storage
- Bolt-resistant

Cultivation period	Winter / Spring
Use	Fresh Market
Shaft length	Short





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Note on cultivation practices

Information provided by BASF in any form whatsoever is without commitment. Descriptions, recommendations and illustrations in brochures and prospectuses and on the website are based as far as possible on experiences from tests and practice. However, BASF accepts no liability whatsoever on the basis of this information for different results in the cultivated product. The buyer must independently decide whether the goods and information are suitable for the proposed cultivation and/or can be used in local conditions.

Product illustrations

All varieties shown were grown under favourable conditions. Identical results in all cultivation conditions are neither guaranteed nor presumed.

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