



AUTUMN 2019

SEED & FIELD SERVICES LTD

## NEWSLETTER

### ELK /PLK ONION SEED

For the 2019 Planting Season, Seed and Field Services in Partnership with Seminis, has re-introduced ELK and PLK onion seed to New Zealand Onion Growers. Good quantities of both varieties will be available.

Cleaning and size grading of the early seed lines has been completed, with germination details due in the next two weeks.

To produce the seed we have used genuine Seminis Stock Seed as the 'source' genetic material. The Seminis ELK and PLK varieties have long been recognised in the market as the standard for bulb quality and bulb storage.

Please contact us if we have not already been in touch with you, to secure the best quality ELK and PLK seed available.

### SEED COATING

Seed and Field Services continues to trial and research new onion seed treatment chemical options. We have been developing treatments to combat bird theft, white rot and smut in particular. Please talk to Phil, Kenny, Hazim, Grant or myself for the latest information on the options available.

It is timely to remember that it is best to target the particular disease and insect pests that are in (or expected to be in) your individual paddocks to avoid extra cost and overuse of seed treatment chemistry.

We wish you well for the planting season ahead.

Andrew Culley.

## ONION SEED COATINGS

### SEEDPELL®

SeedPell is a light weight pellet for vegetable species. The pellet provides an optimum speed of emergence and superior uniformity under a range of environmental conditions. SeedPell has a smooth finish and strong integrity that holds up under planter stress. It is also possible to apply higher rates of approved chemicals safely to pelleted seed. Performance and quality consistency are the prime benefits of Seed Enhancements SeedPell vegetable pellets. Use in pneumatic (vacuum) or Stanhay belt seeders.

### SEEDPELL PLUS®

SeedPell Plus is a heavier pellet formulated specifically for areas of lower fertility or newly, out of pasture type situations. SeedPell Plus has a blend of starter fertilisers and beneficial microbes to help the young plant quickly establish and thrive. This pellet is also suitable for growers simply requiring a heavier pellet.

### SEEDPELL LIGHT®

A lighter weight coating increasing seed size to achieve greater drilling accuracy and singulation when using pneumatic (vacuum) drilling equipment. SeedPell Light has a smooth finish and strong integrity to avoid 'chipping' and blocking of vacuum seed plates.

### ENVIROPELL®

EnviroPell is an Asure Quality certified organic seed coating that uses a naturally occurring, mined blend of clays. EnviroPell can be used in any full organic planting program. The EnviroPell coating can be used with most type of vegetable seeds.

### SEED TREATMENTS



### IleVo® Prime

The best seed treatment we have found to combat onion white rot. For the 2019 onion planting season **IleVo® Prime** will be again available as a registered onion seed treatment. **IleVo® Prime** exhibits outstanding white rot (*Sclerotium cepivorum*) control in the young onion crop. A strong healthy root system and a vigorous green top provide the plant with an excellent start to life.

Please contact us for more information.

**IleVo® Prime** is a registered trademark of Bayer Group.

## EARLY ONIONS

### SHINTO

Outstanding extra early maturing hybrid brown onion from Terranova Seeds. Shinto has become well recognized in the Franklin area for its high yield potential. Shinto's bulbs are typically globe shaped with very good quality and uniformity compared to other early onions. With its good plant vigor being a feature, Shinto seems well suited to a range of soil types.

*Sow early May to early June for a late November harvest.*

### PENDARVES

A vigorous early brown hybrid onion from Terranova Seeds. Pendarves has a high yield potential with a high number of good quality large bulbs. The bulbs produced have good skin retention for an early variety and are of globe to slight grano in shape. Provides an option for growers to follow on from Shinto and be earlier than ELK.

*Sow mid May to early June for a mid December harvest.*

### CURRAWONG

New Introduction from Seminis, Currawong(SV8968) is an early maturity ELK type, similar to Ayoba. Currawong has shown in trials improved Downey Mildew resistance, good yield potential with good quality.

*Sow from late May to early June for a late December harvest.*

### SWEET RED IMPROVED

As the name suggests, an improved Sweet Red type with the advantage of being a more globe shaped bulb, dark red skins and good early internal colour. Can be sown in a similar time frame to Sweet Red, and has shown good bolt tolerance in early sowings.

*Sow early May for a late November harvest.*

### MALBEC

Malbec is now well established as the favored early red variety for growers. Malbec matures slightly later than Sweet Red, with much improved shape and colour and is a good option to follow on from Sweet Red with much improved quality. Bulb shape is a globe to flattened globe on larger bulbs, that also offers some short term storage.

*Sow late May to early June for an mid December harvest.*

### PINOTAGE

Pinotage is an early red hybrid that produces dark red globe shaped bulbs, with good early internal colouration. Pinotage has a very vigorous plant that has shown to perform in a range of soil types and conditions, and shows an ability to yield well, with bulbs sizing exponentially at maturity. Sound bulbs of Pinotage will also offer some short/medium term storage offering growers some flexibility.

*Sow from late June to early July for an early January harvest.*

# CROP COVERS

## FLEECE

- Fleece is used mainly to control temperature for bringing crop maturity forward, and protection from frost.
- It must be laid tight like a bedsheet and will stretch as the crop grows. It is best secured with soil or sandbags.
- Will last for 1—2 seasons dependent on conditions
- Both fungicides and herbicides can be sprayed through Fleece but the Fleece must be completely dry for it to work.
- Fleece thickness is measured by weight (grams per square metre). Standard roll sizes available ex SFS in Pukekohe is 12.25 m wide x 250 m long with Fleece weights of 17,19 and 22 gm/sq metre.



*In the pictures above we can see the results at establishment from early sown beans covered with 19gm sq met Fleece. These beans were seeded early September and the rows on the left covered, next to the right rows that remained uncovered. The covered beans were harvested 2 weeks earlier than the uncovered and comparative yields were 76gms per plant under Fleece compared to 29.6gms per plant in the uncovered row.*

*Early pumpkin grown under fleece (right row) versus uncovered (left row)*

## INSECT NET

- Designed to protect fruit and vegetable crops from insect attack, but also gives protection from birds and rabbits.
- The net creates a micro climate by giving shelter to the crop, and protection from hail and mild frosts—increases the temperature under the net by 1—2 degrees.
- Insect net is laid slack as it does not stretch—allowance must be made for plant growth.
- For insect protection net is best secured with soil to create a complete seal, but can also be secured with sandbags or pegs.
- The nets can be left in place on the crop from sowing to harvest. It is possible to spray chemical treatments through the nets, as long as the nets are dry.
- Nets come in various mesh sizes. Standard sizes are 0.3mm and 0.6mm. Roll sizes available ex SFS in Pukekohe are 3.65 and 13 metre widths, with roll lengths of 50,100 and 200 metres.



## PRODUCT PROFILES

### GREEN MOON – ICEBERG

Green Moon is a mid Summer iceberg from the Clause Pacific range. Green Moon has been bred to perform during periods of heat, making it strong against tipburn and bolting. This along with it's exceptional uniformity resulted in high percentage first cuts being achieved. Green Moon produces a large frame with upright leaves, and attractive green well filled heads.

Green Moon harvests best from late January until mid April. Nas Resistant with DMR 16-26,28,31-32



### AUROCH RZ – SPINACH

Auroch is a vigorous Winter spinach variety from Terranova Seeds. Auroch has an upright growing habit, with dark-green leaves that are of oriental shape. This variety is best suited to sowing from late April to early August, with it being equally suitable for production as both a baby-leaf and a bunching spinach.

Pfs: 1-12,14,16 Ir: 13



## ORIGAMI—MIZUNA



Origami is a unique, thick & narrow leaved Mizuna with excellent uniformity. It's glossy leaves and fine white stems contrast well in mixes. Equally as impressive is Origami's ability to achieve high yields while still maintaining good shelf life and field holding.

Origami has the potential to be sown throughout the full year. However, it is particularly suited to the summer period (November to April) as it holds up to the heat very well.

## BROCCOLI – KOLYA

Kolya Broccoli is a very versatile shoulder variety, suitable for late summer, Autumn and early winter harvest, and then again from late spring until early summer.

Kolya has a sturdy plant with good field tolerance to disease, medium domed heads and attractive dark green colour, and is a very reliable producer and works well as a "crossover" to use between summer and winter types.



**ANDREW CULLEY**

021 764 596  
aculley@sfse.co.nz



**PHILIP PICOT**

021 986 205  
ppicot@sfse.co.nz



**GRANT WILSON**

021 934 201  
gwilson@sfse.co.nz



**KENNY WILSON**

021 1212 464  
kwilson@sfse.co.nz



**HAZIM ARAFEH**

021 961 968  
hazimarafteh@sfsc.co.nz



**WILL EVANS**

027 586 1262  
wevans@sfse.co.nz



**HELEN BOWDEN**

(09) 2371153  
hbowden@sfse.co.nz



**SEED & FIELD SERVICES LTD**

[www.seedandfield.co.nz](http://www.seedandfield.co.nz)

**+64 9 237 1153**

## AUTUMN BRASSICA SOWING GUIDE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b><u>Cauliflower</u></b>												
<b>SV5982VC</b>		█	█									
<b>Galiote</b>		█	█									
<b>Escale</b>				█	█	█						
<b>Altair</b>				█	█	█						
<b><u>Cabbage</u></b>												
<b>228</b>	█	█	█	█	█	█						
<b>Lambada</b>	█	█	█	█	█	█	█	█	█	█	█	█
<b>Red Baron</b>	█	█	█	█	█	█	█	█	█	█	█	█
<b>Superba(red)</b>	█	█	█	█	█	█	█	█	█	█	█	█
<b><u>Broccoli</u></b>												
<b>Marathon</b>	█	█	█	█	█	█						
<b>Heritage</b>	█	█	█	█	█	█						
<b>Kanga</b>	█	█	█	█	█	█	█					
<b>Kolya</b>				█	█	█	█					
<b><u>Trial Varieties</u></b>												
<b>Thunderdome</b>	█	█	█	█	█	█						

## AUTUMN LETTUCE SOWING GUIDE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b><u>Iceberg</u></b>												
<b>Wingard</b>		█	█	█	█							
<b>Gitanas</b>					█	█	█					
<b>Siberinas</b>				█	█	█						

## AUTUMN BABY-LEAF SPINACH SOWING GUIDE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b><u>Spinach</u></b>												
<b>Kookaburra</b>				█	█			█	█			
<b>Molokai</b>				█	█			█	█			
<b>SV6203</b>				█	█			█	█			
<b>Platypus</b>				█	█	█	█	█	█			
<b>RS3549</b>				█	█	█	█	█	█			
<b>Auroch</b>				█	█	█	█	█	█			