Crop Guide 2019-2020

Lettuce & Baby Leaf

Sowing your Success
NOTICE TO CUSTOMERS

1. PURCHASES SUBJECT TO TERMS AND CONDITIONS
The Customer acknowledges that all purchases from Fairbank’s Selected Seed Co. Pty Ltd (“Fairbanks”) are subject to and governed by Fairbanks standard terms and conditions of trade (“Terms of Trade”), a copy of which is available from Fairbanks upon request.

2. INFORMATION GUIDE ONLY
Any figures or data stated are for general comparative purposes and are not absolute values. All information provided in the attached material is intended as an introductory guide only and must be considered by potential purchasers in the context of location, climate, soil type and conditions and any other relevant growth and development factors. Accordingly any purchases are made on the basis that the customer acknowledges and agrees that-

- Seed products will not necessarily be suitable for a given location, soil type, climate or season;
- It will not purchase seed products from Fairbanks unless it has prior to placing any order obtained specific advice from a suitably qualified agronomist or direct from Fairbanks as to the desirability of growing the relevant seed –
  - In the location;
  - At the time; and
  - Under the conditions that it is proposed the seed will be grown;
- It will in utilising any seed purchased from Fairbanks, follow accepted industry best growing practices and seek and follow suitable agronomy advice at all times; and
- Fairbanks recommends that in all cases a small scale trial of the relevant product be conducted at the proposed site of production at the appropriate seasonal timing to test the suitability of the product for local conditions.

3. LIMITATION OF LIABILITY
Liability of Fairbanks is limited as set out in the Terms of Trade.

4. NO WARRANTY AS TO AVAILABILITY

a) Whilst Fairbanks will use its best endeavours to ensure that it is able to provide Products to the Customer when required, it does not warrant or guarantee that it will be able to do so and will not be responsible for any losses alleged to have been suffered by the Customer as a result of failure to supply or delay in supplying Products, regardless of the reason for the failure to supply. In this regard the customer acknowledges that availability of seed is unpredictable and, irrespective of whether seed or other Products are marketed by Fairbanks, no representation of ability to supply is given by Fairbanks to the Customer.

b) Fairbanks retains the absolute discretion at all time to refuse to accept any order made by the Customer for Products.

DISEASE RESISTANCE
Resistant is the ability of a plant variety to restrict the growth and development of a specified pest or pathogen and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest or pathogen pressure.

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.

ABBREVIATIONS

<table>
<thead>
<tr>
<th>Lettuce</th>
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<tbody>
<tr>
<td>BI</td>
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<tr>
<td>= Downey Mildew (Bremia lactucae)</td>
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<tr>
<td>Fol:1</td>
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<tr>
<td>= Fusarium wilt race 1</td>
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<tr>
<td>(Fusarium oxysporum f.sp. lactucae)</td>
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<td>LMV:0,1,2,3</td>
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<tr>
<td>= Lettuce mosaic races 0,1,2,3</td>
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<tr>
<td>(Lettuce mosaic potyvirus)</td>
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<td>Mpa</td>
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<tr>
<td>= Anthracnose (Microdochium panattonianum)</td>
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<td>Nr</td>
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<td>= Nasonovia Aphid (Nasonovia ribis)</td>
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**Akana (PBR)**

A dark green mizuna with an intense purple stem. It has attractive dark green glossy leaves, with a thick sturdy stem, providing excellent yield potential. Akana is a completely unique product with Plant Breeders Rights.

**Purple Glory F₁**

A hybrid mizuna with a purple leaf face and green underside. Very upright growth habit, fine in shape and nicely serrated. Purple Glory F₁ is a very attractive product, perfect for a vibrant salad mix.

**Miztique F₁**

An exciting dark purple mizuna shaped mustard. Producing intense colour on both sides of the leaf, this baby leaf variety is absolutely unique and the first of its kind. The bold colour and mild mustard flavour is also well suited to the micro-herb market.

**Mizuna**

Vigorous growth with upright habit. Attractive serrated leaves. Used for salad mix.

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Asian Baby Leaf

Flame Trees
Deeply serrated red leafed mustard variety for baby leaf. Attractive upright stems and mild flavour.

CGR 18452
A double sided red mustard for baby leaf use. This variety has a mizuna-like shape, mustard flavour and adds some deep colour into any salad mix.

Tatsoi
Dark green, savoyed tatsoi, paddle shaped leaves. Used for salad mix.

Deep Purple F₁
Deep purple coloured hybrid tatsoi, to bring some colour variation into the mix. Excellent shelf life. Colour is best in the cooler months. Market leader in this segment.

Puma Tatsoi
A dark glossy green tatsoi for baby leaf. Puma has excellent vigour, good uniformity and can be used all year round. Its impressive colour, slight savoy texture, upright plant habit and nil leaf cupping make it a perfect addition to any salad mix.

Purple Royale F₁
A purple hybrid tatsoi with medium vigour for baby leaf harvest in the warm season. It has glossy dark purple leaves with striking bright green stems. Retains much of its colour through the warm season when other varieties can tend to fade.
SPINACH

SPN19153

Very dark green, paddle shaped leaves with medium savoy. Leaves are thick and durable giving excellent yield potential. True summer variety, a standout variety in our trials to date.

HR: Pfs: 1-7,9-17

El Prado F₁

High yielding spinach for the baby leaf market. Medium green leaves with vigorous upright growth habit. Uniform, strong, paddle shaped leaves with a light savoy and medium gloss. Best suited to the cool shoulder seasons.

HR: Pfs 1-7,9-17, IR: Pfs 8
**Chard / Beet Leaf**

**Excel F₁**
An outstanding hybrid chard for baby leaf with very glossy dark green leaves, dark red veins and stems. It has excellent vigour and uniformity, and its overall quality is outstanding. Suited for use all year round.

**Indie**
A highly uniform chard for baby leaf. It has a mid to dark green paddle shaped leaves, the stem is bright red and very uniform through the crop. Good vigour, well suited for spring, summer and autumn harvesting.

**Locky F₁**
A very glossy, thick & uniform hybrid chard for baby leaf. Medium to dark green leaves with a bright red stem. Thick leaves and strong vigour offer high yield potential.

**Ruby Queen**
Dark green leafed beet with intense maroon vein for salad mixes. Very thick leaf with great shelf life. Suitable to all year round baby leaf and salad mix production.

**Early Wonder Tall Top**
Green leafed beet with deep red veins, perfect for baby leaf salad mixes. Excellent vigour and fast growing.

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Red Beet Leaf

Bull’s Blood

Dark red leaf beet, for baby leaf production. Very uniform plant with upright habit. For best results use in cooler periods. Great addition to salad mix range with exceptional colour contrast.

True Blood

Best performance is in summer when the colour of Bull’s Blood is not as intense. Very glossy, dark red leafed beet for baby leaf that performs well under warm conditions. Not suited to winter in southern states. Also widely used in micro-herb production for its vibrant colour.
**Celtic**

Green oak for baby leaf production. Upright habit, fine attachment with a strong durable leaf. A true standard and a must have in your mix. IR: Bl1-11,13,15,17 with exceptional field tolerance under high pressure.

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**Red Crispita**

A deep red baby leaf coral lettuce for direct sowing. Strong, thick leaves similar to that of a transplanted product. Intense leaf colour with excellent leaf shape and size uniformity. Deeply incised fine frilly leaf shape. Appealing colour for any salad mix.

HR: BI1-35, Fol1,4

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**Crispita**

A direct sown baby leaf coral from Syngenta. Crispita is a very durable finely frilled coral lettuce leaf with a crisp texture. The stem attachment is very fine and the overall uniformity of the cut product is excellent.

HR: BI1-35, Fol4; IR: LMV1

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**Mesclita**

An exciting new finely incised dark green coral lettuce for direct sown baby leaf. It has an upright habit with strong dark green leaves providing excellent field holding ability and shelf life. The leaves are narrow in shape with exceptional uniformity giving very high yields.

HR: BI1-35, Nr0
**Skippy**
A dark green cos with very upright habit and a lightly savoyed leaf. Skippy is perfect for use as cut leaves, either as a baby or mid-size leaf in salad mix or as a mature loose-leaf product.
IR: BI1-12,17,18,22,24,25,27-31; LMV

**Green Hornet**
A crispy green coral lettuce for direct sown baby leaf production. Green Hornet has a fine frilly leaf shape with a narrow stem attachment. The leaf is strong enough to withstand the rigours of processing but is still tender with a sweet flavour.
IR: BI1-16,18-23,25-27

**Red Hornet**
A crispy red coral lettuce to complement Green Hornet in baby leaf production. Red Hornet has a glossy red leaf that changes to green at the base. It has the same fine frilly shape with excellent processability.
IR: BI1-16,18-23,25-27

**Green Bay**
A baby leaf coral lettuce with a frilly leaf margin. It has a strong, dark green leaf with good durability. Green Bay has a fine leaf shape with a very fine stem. Upright growth habit, ideal for mechanical harvest.
IR: BI1-31

**Kerrita**
A baby leaf red butter-cos. The leaf shape and texture is comparable to multi-leaf butter lettuce but has the sturdiness of baby cos. Intense deep red colour at the leaf tip, changing to green at the base.
HR: BI1-33

**Mellita**
Vigorous green cos for baby leaf. Mellita has a vibrant green colour with a very uniform leaf shape and medium to fine stem attachment. Its slightly savoyed texture and thick leaf gives this variety a high yield potential.
HR: BI1-32, Nr0; IR: LMV1

www.fairbanks.com.au
Belendra

Belendra is a dark red mini cos with green internals. Improved bolting and tipburn tolerance compared to Mordore. It has a classic U-shape head with thick, glossy leaves. Belendra is ideal for the whole head and sleeving markets.
HR: Bl1-35
www.fairbanks.com.au

Calorina

Calorina is a medium green mid sized processing cos. Uniform heavy heads with a high leaf count and yield potential. Good bolting tolerance
HR: BL 1-33

Actina

Actina is a midi green cos which is suitable for warm and shoulder season production. It grows to approx. 25-29cm tall. Actina has strong bolting and tip burn tolerance, is high yielding with outstanding uniformity.
HR: BL1-28,30-32, Nr0, Fol1,4

Extratos

A green mini cos suited to the SE Qld climate. Averages a 15-16cm head height with a consistently small core. Dark green heads with medium savoy and uniform shape. Well suited for twin packs and for crates.
HR: Bl1-18,20-28,30,31, Nr0, LMV(1)
Lettuce - Iceberg

Icevic

Icevic is an iceberg variety suitable for shoulder production in southern states and cool season production in southern Queensland. It has a good plant size, crop uniformity and plant frame. Icevic has a small core and good size which makes it suitable for fresh and processing markets. HR: Bl1-16,18-24,27,28,30,31, Fol(1)

Lettuce - Multileaf

Emmagio

A very glossy dark red multileaf coral with frilled leaves and narrow stems. Emmagio has a nice frilly appearance and is one of the only lettuce varieties available globally with high resistance to Anthracnose.
HR: Bl1-28,30-32, Nr0, Mpa

LEM17042

A new triple red multileaf lettuce with outstanding leaf palatability due to its rounded leaf tips. The durable leaves have an intense red colour which changes to green at the base. This variety has excellent leaf volume due to its 3 dimensional leaf shape. HR: Bl1-33, Nr0

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**Magician**  
A green butter lettuce suited to the warmer seasons for hydroponics. Neat presentation, with very uniform head shape and size. Medium vigour, with thick strong leaves providing good weight and high gloss.  
HR: BI 1-28,30-32, Nr0, TBSV; IR: LMV1  
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**Nisava**  
A new green butterhead variety with very well presented neat heads. It has a compact plant habit, with dense medium green heads. Well suited to hydroponic production.  
HR: BI1-25,27-33, Nr0

**Ruffian**  
A green butter lettuce for harvest in the cooler seasons in hydroponics. Uniform head formation, with a neat top and presentation. High vigour and yields well, with thick sturdy leaves and good weight.  
HR: BI1-35, Nr0, TBSV; IR: LMV(1)

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**Meteore**  
A new dark green butterhead for cool season hydroponic production. Excellent presentation with neat thick wrapper leaves, dense head structure and very good yield.  
HR: BI1-33
LETTUCE - OAK

Olagio
A new green oak lettuce with excellent uniformity of shape and size. It has a compact head, with glossy dark green and thick leaves that ultimately give better head weights and therefore higher yields.
HR: BI1-33, Nr0, LMV

Rougni
Rougni is an extremely dark triple red oak suitable for shoulder and cool season production. It has strong upright growth and incised leaves. The brilliant red colour of this variety adds excellent colour to fresh-cut salad mixes.
HR: BI1-31, Nr0; IR: LMV(1)

Tekero
Tekero is a double red oak suitable for year round production in both hydroponics and open field. It produces medium red glossy leaves with high yields and good head uniformity. Tekero performs very well in hot conditions.
HR: BI1-26; IR: LMV(1)

LEM17043
A new triple red oak lettuce with a compact head and medium sized stem attachment. Its leaves are dark red and glossy with a similar yield to Tekero, perfect for hydroponics.
HR: BI1-33, Nr0

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Rocket - Arugula (Speedy)

Darkway

A newly introduced “speedy” rocket variety with outstanding leaf qualities. Its dark green leaves are exceptionally thick giving improved shelf life and are very similar in leaf shape to wild rocket. Darkway has a slower growing habit for improved field holding ability. Sow at high density for best results.

Cultivated

Also known as Arugula. Pungent, dark green, oval shaped leaves.

Escort

A ‘speedy’ rocket variety with medium vigour. Its finely serrated leaf shape is similar in appearance to wild rocket. Escort has a strong sturdy leaf providing excellent processing ability.
Rocket - Wild

**Future**

A vigorous new variety with outstanding dark colour, one of the darkest green varieties we have seen. Finely serrated leaves with excellent uniformity. Sturdy upright plant growth habit makes it ideal for machine harvest.

**Topshelf**

A new variety of wild rocket which has been specifically bred for increased post-harvest shelf life. It has very dark green leaves with excellent leaf shape and size uniformity. Breeder also reports an increased tolerance to Downey mildew.

**Emilia F1**

A new hybrid wild rocket variety. Highly vigorous variety with outstanding dark colour. Extremely uniform fine leaf shape, with very few broad leaves. Its faster speed of growth ultimately gives higher yields of excellent quality.

**Romagna F1**

One of the first commercially available hybrid wild rocket varieties in the world. Romagna F1 has outstanding vigour in cool conditions, harvesting up to 2 weeks earlier in trials to date. Being a hybrid, leaf uniformity is brilliant and it is very high yielding.

**Protector**

A variety of wild rocket which has been bred for mildew tolerance. Protector has a dark green leaf and is uniform in leaf shape while being relatively slow bolting. This variety has quite a strong traditional rocket flavour.
**Rocket - Wild**

- **Tarwin**: A slow bolting wild rocket variety with a very uniform leaf shape and size. Its thick durable leaves have a highly serrated appearance even on the first true leaf. Consistently the slowest bolting wild rocket in all warm season trials to date.

- **Voyager**: This highly uniform, attractive wild rocket consistently shows excellent vigour with eye catching colour compared to standards. Voyager is also comparatively slow bolt.

- **Riddler**: Very dark green wild rocket, with a medium fine leaf. Upright habit and high leaf uniformity. Attractive serrated leaf shape, with good durability and thickness. Fairbanks’ darkest green rocket, especially suited to Queensland and Western Australia.

- **Nature**: A vigorous wild rocket, well suited to winter harvest, but also handles warm weather very well. Nature is the industry standard for wild rocket and has a strong reputation for reliable quality, versatility and vigour.

- **Frastagliata**: The original European wild rocket strain. Fine, very serrated leaf with strong flavour. Mostly suited to warmer conditions.

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KALE

Baby Tuscan

A much improved Tuscan kale variety for baby leaf production. It is very dark green in colour with quite savoyed leaves. This variety is perfect for the premium baby kale market.

Purple Russian F1

Sensationally dark purple coloured baby kale. Finely serrated leaf with a fine stem attachment and outstanding uniformity. Thick leaf with great durability and improved shelf life for processing. Very similar leaf shape to traditional Red Russian kale, making it ideal for specialty baby leaf mixes.

Red Russian

Attractive, frilly edged green kale with a vibrant red stem. The plant can grow relatively large if left to develop, but it is usually harvested small and cut for baby leaf. Prized for high anti-oxidant levels.

Southern Cross Kale Mix

A unique combination of a variety of kale types specifically for baby leaf use. Mix includes Russian, Dutch and Italian kales selected for their uniformity to maturity. Excellent balance of varying colours and leaf shapes. Absolutely unique product, for specialist baby leaf growers.

Toscano Black

Toscano Black is a Mediterranean or Tuscan kale, with heavily savoyed, dark green leaves, with a long and slender shape. Toscano can be harvested at the baby leaf stage, but also grown to a bunching stage.
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