### International CATALOGUE





### INTRODUCTION

### TOZEr The taste of innovation

Tozer is a successful, independent vegetable plant breeding company. We've been committed to developing and supplying new varieties of vegetables to our customers for nearly 80 years. We are an international company head quartered in the UK with offices and warehouses in the USA, Holland and Spain. We currently export our seed to over 60 countries worldwide.

In this catalogue you will see the latest selection of Tozer bred varieties including our versatile and successful range of hybrid celeries and parsnips. We were the first breeding company to produce commercial F1 hybrids of these products and are now considered world leaders in them. Also of note are our new range of F1 leeks, our award winning Kalettes<sup>®</sup> and our latest F1 kale and cavalo nero varieties. We feel that these really represent 'The Taste of Innovation'.

Tozer is a family owned company committed to responding quickly to the changing requirements of the specialised markets we work in. We welcome the chance to understand the challenges our customers face and we maintain close contact with our distribution network in order to react to changes in production and consumption of vegetables. Please do get in touch if you feel our varieties may help your business to prosper.



| PRODUCT FORMS  |   |
|----------------|---|
| Natural Seed   | Clean seed without impurities.<br>Complies with international standards.  |
| Precision Seed | Seed which has been calibrated and therefore has a uniform measurement.   |
| Primed Seed    | Priming is the activation of the germination process to ensure a faster and more uniform emergence after sowing.  |
| Coated Seed    | The seed is completely coated, usually by a pigmented layer<br>around the seed. The original seed shape remains intact.<br>Additional ingredients and treatments, identifiable by a colour<br>code, may be added. A coated seed can also be primed. |
| Pelleted Seed  | Pelleting is defined as a process of changing the shape by the application of filler materials to homogenise the size and shape of the seed and thus facilitate sowing.<br>A pelleted seed can also be treated and primed.                          |

| GRADE | AVERAGE IN MM |
|-------|---------------|-------|---------------|-------|---------------|-------|---------------|
| Е     | 1.00 - 1.25   | К     | 2.25 - 2.50   | Q     | 3.50 - 3.75   | V     | 4.75 - 5.00   |
| F     | 1.25 - 1.50   | L     | 2.50 - 2.75   | R     | 3.75 - 4.00   | W     | 5.00 - 5.25   |
| G     | 1.50 - 1.75   | Μ     | 2.75 - 3.00   | S     | 4.00 - 4.25   | Х     | 5.25 - 5.50   |
| Н     | 1.75 - 2.00   | Ν     | 3.00 - 3.25   | Т     | 4.25 - 4.50   | Y     | 5.50 - 5.75   |
| J     | 2.00 - 2.25   | Р     | 3.25 - 3.50   | U     | 4.50 - 4.75   | Z     | 5.75 - 6.00   |

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|     | TECHNICAL SPECIFICA   | TIONS: I  | LEEKS          |               |                 |                   |   |
|-----|-----------------------|-----------|----------------|---------------|-----------------|-------------------|---|
|     | VARIETY NAME          | EARLINESS | LEAF<br>COLOUR | PLANT<br>TYPE | SHAFT<br>LENGTH | HARVEST           | COMMENTS  |
|     | Swiss Giant - Zermatt | 6         | 7              | 5             | 5               | Early             | Great for the baby leek market.                     |
| NEW | Canterbury F1         | 8         | 8              | 8             | 7               | 2nd early to main | Pre pack and fresh market.                          |
| NEW | Exeter F1             | 8         | 8              | 8             | 7               | 2nd early to main | Good shank length for pre pack.                     |
| NEW | Nottingham F1         | 5         | 8              | 9             | 6               | Main              | Very productive variety with dark green leaves.     |
| NEW | Oxford F1             | 7         | 9              | 8             | 8               | Main              | Outstanding leaf quality.                           |
| NEW | Ascot F1              | 7         | 9              | 8             | 8               | Main to 1st late  | High yielding & low bulbing.                        |
|     | Lancaster F1          | 6         | 8              | 7             | 6               | Main to late      | Established variety, good winter hardiness.         |
| NEW | Norwich F1            | 6         | 8              | 7             | 6               | Main to late      | Improved Lancaster type with good winter hardiness. |

### KEY:

| Earliness    | 1 = Slow g  |
|--------------|-------------|
| Leaf colour  | 1 = Light g |
| Plant type   | 1 = Less er |
| Shaft length | 1 = Short   |

Ilow growing10 = Fast growingight green10 = Dark green.ess erect10 = Erect.hort10 = Long



### TECHNICAL SPECIFICATIONS: SALAD ONIONS

|    | VARIETY NAME     | TYPE                           | ERECTNESS | PEELABILITY | EASE OF<br>LIFTING | BULBING | HEIGHT<br>CM | SHANK<br>LENGTH CM | WHITE/RED<br>LENGTH CM | COMMENTS  |
|----|------------------|--------------------------------|-----------|-------------|--------------------|---------|--------------|--------------------|------------------------|---|
|    | Eiffel           | Allium<br>cepa                 | 3         | 3           | 4                  | 3       | 50 - 55      | 9                  | 3                      | Versatile variety – very upright<br>leaves shed water quickly.                                  |
|    | Ramrod           | Allium<br>cepa                 | 3         | 3           | 4                  | 3       | 60 - 65      | 11                 | 4                      | Can be used for producing<br>larger, bolder type salad onions.<br>Exceptional winter hardiness. |
|    | Apache           | Allium<br>cepa                 | 3         | 4           | 5                  | 3       | 50 - 55      | 9                  | 6                      | Exceptional red variety with mild flavour and crisp texture.                                    |
| EW | Marksman         | Allium<br>cepa x<br>fistulosum | 5         | 5           | 4                  | 4       | 66 - 71      | 15                 | 3                      | A vigorous root system helps<br>to maintain the strong upright<br>leaves. Winter hardy.         |
|    | Summer<br>Island | Allium<br>fistulosum           | 5         | 4           | 4                  | 5       | 50 - 55      | 12                 | 3                      | Has a sweet flavour and a lower pungency. Very upright.   |

KEY:

Erectness 1 = less erect 5 = very erect Peelability 1 = less easy 5 = very easy **Ease of Lifting** 1 = less easy 5 = very easy

1 = bulby 5 = not bulby

Bulbing

The information that has been provided is an average of the data gathered from various trial locations under European and USA conditions. Please be aware that variations in the growing environment and climatic conditions can render this information inaccurate, it is intended for general guidance only.



|     | TECHNICAL SP         | ECIFICATIO        | NS: HYBRI |                                  |                   |                     |  |
|-----|----------------------|-------------------|-----------|----------------------------------|-------------------|---------------------|--|
|     | VARIETY NAME         | TYPE              | HARVEST   | MATURITY FROM<br>PLANTING (DAYS) | HEAD<br>WEIGHT KG | HEAD COLOUR         | COMMENTS   |
|     | Embassy F1           | Green<br>Ballhead | Mid       | 130                              | 1.0 - 1.5         | Light/dark<br>green | Very hardy,<br>excellent flavour.                  |
|     | Marabel F1           | January<br>King   | Mid       | 140                              | 1.0 - 2.0         | Green and purple    | High yielding and very long standing.              |
|     | Noelle F1            | January<br>King   | Mid       | 130                              | 1.0 - 1.5         | Light/dark<br>green | Long standing with good head weight.               |
| NEW | Vanguard F1          | Savoy             | Early     | 89-90                            | 1.5 - 2.0         | Very deep<br>green  | Solid quickly and it holds in the field very well. |
|     | Providence F1        | Savoy             | Early     | 85-90                            | 0.7 - 1.2         | Dark blue/<br>green | Solid, well filled head with short core.           |
|     | <b>Resolution F1</b> | Savoy             | Early/mid | 125                              | 0.8 - 1.5         | Mid green           | Attractive solid round head.                       |
|     | Endeavour F1         | Savoy             | Mid/late  | 145                              | 0.75 - 1.25       | Blue green          | Late maturing, hearts and stands well.             |
| NEW | Victory F1           | Semi Savoy        | Early     | 85-90                            | 1.5 - 2.0         | Blue green          | Very good internal fill with short core.           |
| NEW | TZ 7022              | Pointed           | Early     | 65-68                            | 0.3 - 1.0         | Blue green          | Can be used as hearts<br>and greens.               |

### Kale & Cavolo Nero

|     | TECHNICAL S  | SPECIFICAT          | IONS:         | CAVOLO N           | IERO                 |                   |                   |       |                        |
|-----|--------------|---------------------|---------------|--------------------|----------------------|-------------------|-------------------|-------|------------------------|
|     | VARIETY NAME | PLANT<br>UNIFORMITY | LEAF<br>WIDTH | LEAF<br>UNIFORMITY | BOLTING<br>TOLERANCE | COLD<br>TOLERANCE | WIND<br>TOLERANCE | YIELD | MARKET SEGMENT         |
|     | Black Magic  | 3                   | 4             | 3                  | 3                    | 3                 | 3                 | 3     | Pre-pack & Processing. |
| NEW | Ebony F1     | 5                   | 4             | 5                  | 4.5                  | 4                 | 4                 | 4     | Pre-pack & Processing. |
|     | Raven F1     | 4                   | 3             | 4                  | 4                    | 3                 | 3                 | 3     | Pre-pack & Processing. |
| NEW | Cobra F1     | 5                   | 3             | 5                  | 4.5                  | 4                 | 4                 | 4     | Processing             |
|     | Mamba F1     | 4                   | 5             | 4                  | 4                    | 4                 | 4                 | 5     | Processing             |

### TECHNICAL SPECIFICATIONS: KALE

| VARIETY NAME | PLANT TYPE                        | LEAF COLOUR           | LEAF TEXTURE       | BOLTING<br>TOLERANCE | COLD<br>TOLERANCE | COMMENTS                             |
|--------------|-----------------------------------|-----------------------|--------------------|----------------------|-------------------|--------------------------------------|
| TZ 9332      | Coloured kale                     | White vein with green | Curled leaf margin | 3                    | 3                 | Fantastic flavour and crisp texture. |
| Eden F1      | Curly kale                        | Green                 | Ruffled            | 4                    | 3                 | Long petiole, excellent yields.      |
|              | = low 5 = high<br>= thin 5 = wide |                       | 100                |                      | 31                |                                      |

### Kalettes<sup>®</sup> & Brussels Sprouts

| TECHNICAL SPECIFI | CATIONS: <b>K</b> | ALETTES®            |                       |  |
|-------------------|-------------------|---------------------|-----------------------|--|
| VARIETY NAME      | HARVEST           | DAYS TO<br>MATURITY | SPROUT COLOUR         | COMMENTS   |
| Autumn Star F1    | Early             | 180                 | Green & Red bi-colour | Superb vigour and produces high yields.            |
| Christmas Rose F1 | Mid               | 210                 | Green & Red bi-colour | Tallest variety, exceptional maturity up the stem. |
| Snowdrop F1       | Late              | 300                 | Green & Red bi-colour | Extremely winter hardy, tolerant to lodging.       |



| TECHNICAL SPECIFI | CATIONS: <b>B</b> | RUSSELS SP          | ROUTS            |   |
|-------------------|-------------------|---------------------|------------------|---|
| VARIETY NAME      | HARVEST           | DAYS TO<br>MATURITY | SPROUT<br>COLOUR | COMMENTS                                    |
| Churchill F1      | Early             | 180                 | Green            | Good yields of tight evenly spaced buttons. |
| Bosworth F1       | Mid               | 210                 | Green            | Excellent holding ability.                  |
| TZ 18977          | Mid               | 210                 | Red              | Colour improves after cold weather.         |
| Trafalgar F1      | Mid/late          | 240                 | Green            | Strong root system, excellent flavour.      |

BRASSICAS



08

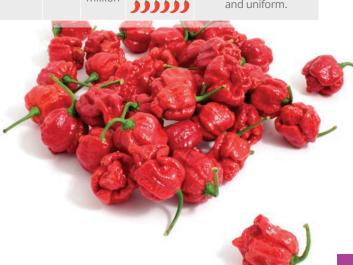
### Purple Sprouting Broccoli

| VARIETY NAME   | CROPPING | DAYS TO<br>MATURITY | SPEAR COLOUR                       | COMMENTS   |
|----------------|----------|---------------------|------------------------------------|--|
| Red Admiral F1 | Mid      | 130                 | Dark Purple                        | Suits mid season; excellent texture and flavour. |
| Summer Purple  | Mid      | 100                 | Light & dark purple                | Versatile; good yield over long cropping period. |
| Rudolph        | Late     | 140 - 160           | Variable depending on time of year | Suit fertile, heavy soils.                       |
| Red Fire F1    | Late     | 200                 | Dark Purple                        | Excellent winter hardy variety.                  |
| TZ 4046        | Late     | 270 - 290           | Dark Purple                        | Latest available cropping period.                |
|                |          |                     |                                    |  |

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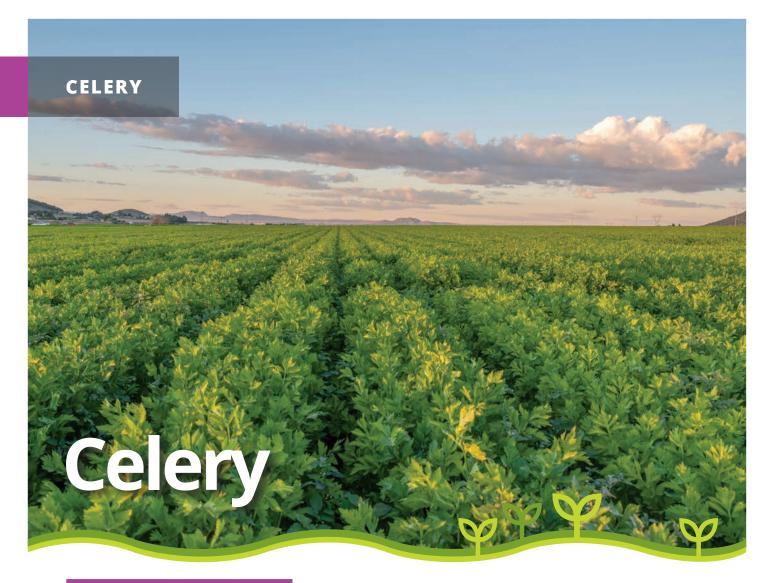
### **Chilli Peppers**

|           | VARIETY NAME             | MATURITY      | FRUIT<br>COLOUR                | FRUIT SHAPE                                 | FRUIT<br>SIZE CM<br>LENGTH | FRUIT<br>SIZE CM<br>DIAMETER | PLANT<br>HEIGHT<br>CM | SHU            | TASTE            | COMMENTS   |
|-----------|--------------------------|---------------|--------------------------------|---|----------------------------|------------------------------|-----------------------|----------------|------------------|--|
| AS WINNER | Quickfire F1             | Very<br>early | Upwards                        | Conical                                     | 4                          | 1                            | 15                    | 35,000         | Hot              | Fastest maturing<br>chilli; produces<br>compact plants<br>perfect for a pot. |
|           | Fresno Chilli<br>Supreme | Medium        | Pendant                        | Conical to<br>a point                       | 10                         | 3                            | 95                    | 15,000         | Hot              | Reliable fresh market<br>chilli best suited for<br>open field production.    |
| NEW       | Armageddon F1            | Early         | Pale green<br>ripens<br>to red | Globular with<br>small tail at<br>fruit end | 4 - 5                      | 3 - 4                        | 60                    | 1.3<br>million | Extremely<br>hot | Hybrid super hot<br>chilli, vigourous<br>and uniform.                        |



CAPSICUM

Y Y Y



|     | TECHNICAL SPI           | ECIFICATIONS: <b>C</b> | ELERY                             |     |                    |                         |                                     |               |                           |
|-----|-------------------------|------------------------|-----------------------------------|-----|--------------------|-------------------------|-------------------------------------|---------------|---------------------------|
|     | VARIETY NAME            | MATURITY SLOT          | ESTIMATED<br>KNUCKLE<br>HEIGHT CM |     | PETIOLE<br>TEXTURE | TOLERANCE<br>TO BOLTING | RESISTANCE<br>TO RACE 2<br>FUSARIUM | KEY REGIONS   | MARKET TYPE               |
| NEW | TZ 7708 F1<br>Cleopatra | Early                  | 25 - 30                           | 3   | 3                  | 4.5                     | IR                                  | USA, Spain    | Pre pack                  |
|     | Victoria F1             | Early - Main           | 30 - 35                           | 2.5 | 2                  | 4                       | -                                   | UK            | Pre pack                  |
|     | Gordian F1              | 2nd Early - Main       | 25 - 30                           | 3   | 3                  | 3.5                     | -                                   | Italy, France | Whole plant/ fresh market |
|     | Hadrian F1              | 2nd Early - Main       | 30 - 35                           | 3.5 | 4                  | 4                       | HR                                  | USA           | Pre pack                  |
|     | Remus F1                | 2nd Early - Main       | 25 - 30                           | 3   | 3                  | 4                       | -                                   | UK, USA       | Pre pack                  |
| NEW | TZ 4076                 | Main                   | 25 - 30                           | 3.5 | 4                  | 3                       | HR                                  | USA           | Pre pack                  |





|     | VARIETY NAME | MATURITY SLOT | ESTIMATED<br>KNUCKLE<br>HEIGHT CM | PETIOLE<br>COLOUR | PETIOLE<br>TEXTURE | TOLERANCE<br>TO BOLTING | RESISTANCE<br>TO RACE 2<br>FUSARIUM | KEY REGIONS                | MARKET TYPE                |
|-----|--------------|---------------|-----------------------------------|-------------------|--------------------|-------------------------|-------------------------------------|----------------------------|----------------------------|
|     | Caligula F1  | Main - Late   | 30 - 35                           | 3.5               | 3                  | 3                       | IR                                  | UK, USA, China             | Pre pack                   |
|     | Galatea F1   | Main - Late   | 25 - 30                           | 1                 | 2                  | 1                       | -                                   | Italy                      | Whole plant self blanching |
|     | Hudson F1    | Main - Late   | 28 - 32                           | 3.5               | 4                  | 2                       | IR                                  | Northern Europe            | Pre pack                   |
|     | Julius F1    | Main - Late   | 30 - 35                           | 3.5               | 3                  | 2                       | -                                   | Spain, Chile               | Pre pack                   |
|     | Loretta F1   | Main - Late   | 25 - 30                           | 1                 | 2                  | 1                       | -                                   | Spain & Northern<br>Europe | White                      |
| NEW | Marcus F1    | Main - Late   | 25 - 30                           | 3.5               | 3                  | 3.5                     |                                     | Northern<br>Europe         | Whole plant/ fresh market  |
|     | Monterey F1  | Main - Late   | 30 - 35                           | 3                 | 4                  | 3                       | -                                   | Spain                      | Pre pack                   |
|     | TZ 3539      | Main - Late   | 30 - 35                           | 3.5               | 4                  | 2                       | IR                                  | USA                        | Pre pack                   |
|     | Tiberius F1  | Main - Late   | 35 - 40                           | 3.5               | 4                  | 2                       | -                                   | USA                        | Tall pre pack              |
|     | TZ 9964 F1   | Main - Late   | 30 - 35                           | 3                 | 3                  | 2                       | -                                   | China                      | Pre pack                   |

KEY:

Petiole Colour Petiole texture

1 = very pale 1 = very ribby 5 = dark green

5 = very smooth

Tolerance to bolting1 = low5 = highResistance to Race 2Fusarium HR = High ResistanceIR = Intermediate Resistance



### Courgettes & Marrows

### TECHNICAL SPECIFICATIONS: COURGETTES

| - 10 Q |             |                         |                     |                               |             | 20325  |                |                     |   |
|--------|-------------|-------------------------|---------------------|-------------------------------|-------------|--------|----------------|---------------------|---|
| 4      | COURGETTE   | PLANT HABIT             | FRUIT<br>UNIFORMITY | FRUIT COLOUR                  | FRUIT SHAPE | SPINES | FLOWER<br>SCAR | DAYS TO<br>MATURITY | COMMENTS  |
|        | Defender F1 | Open                    | 4                   | 3 - green                     | cylindrical | 4      | 4              | 65                  | Intermediate resistance to CMV.                 |
|        | Firenze F1  | Open bush               | 4                   | 4 - green                     | cylindrical | 4      | 3              | 65                  | Intermediate<br>resistance to powdery<br>mildew |
|        | Midnight F1 | Open                    | 4                   | 4 - green                     | cylindrical | 5      | 3              | 50                  | Very compact, spineless plants.                 |
|        | Safari F1   | Open                    | 4                   | Dark green with light stripes | cylindrical | 3      | 4              | 60                  | Striking, striped fruits.                       |
| NEW    | TZ 3089     | Trailing/<br>climbing   | 4                   | Yellow                        | cylindrical | 4      | 4              | 65                  | Climbing habit.                                 |
| NEW    | TZ 5174     | Open<br>compact<br>bush | 5                   | Yellow striped                | round       | 5      | 4              | 50                  | High yielding,<br>versatile variety.            |
|        | Sunstripe   | Open bush               | 4                   | Golden yellow stripes         | cylindrical | 3      | 4              | 60                  | Vibrant colour,<br>great flavour.               |

| TECHNICAL SP  | ECIFICATIO                                    | DNS: MARR  | ROWS                                    |             |        |                |                     |  |
|---|---|--|---|-------------|--------|----------------|---------------------|--|
| MARROW  | PLANT<br>HABIT                                | FRUIT<br>UNIFORMITY                                  | FRUIT COLOUR                            | FRUIT SHAPE | SPINES | FLOWER<br>SCAR | DAYS TO<br>MATURITY | COMMENTS   |
| Bush Baby F1  | Compact<br>bush                               | 4  | Green and cream stripes.                | Long, oval  | 3      | 2              | 60                  | Baby marrow,<br>high fruit count.                    |
| Tiger Cross F1  | Open<br>bush                                  | 4  | Medium green and mottled cream stripes. | Long, oval  | 3      | 2              | 70                  | Early variety,<br>intermediate<br>resistance to CMV. |
| (EY:<br>Fruit Uniformity:<br>Fruit Colour:<br>Spines:<br>Flower Scar: | 1 = Poor<br>1 = Pale<br>1 = Many<br>1 = Large | 5 = Uniform<br>5 = Dark<br>5 = Very few<br>5 = Small |   |             | M      | ł              | E                   | 2 million  |

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### Pumpkins & Butternut Squash

### TECHNICAL SPECIFICATIONS: PUMPKINS

|     | VARIETY NAME | ТҮРЕ                  | PLANT HABIT | DAYS TO<br>MATURITY | FRUIT<br>COLOUR | FRUIT SIZE CM<br>DIAMETER | WEIGHT<br>KG | FRUITS PER<br>PLANT | COMMENTS   |
|-----|--------------|-----------------------|-------------|---------------------|-----------------|---------------------------|--------------|---------------------|--|
|     | TZ 7718      | Uniformly<br>warty    | Trailing    | 95                  | Orange          | 18 - 20                   | 1.5          | 4                   | Standout novelty perfect for Hallowe'en displays.    |
| NEW | Wicked F1    | Monster<br>Hallowe'en | Trailing    | 95                  | Orange          | 25 - 32                   | 6 - 8        | 1                   | Early maturing therefore will suit a cooler climate. |



| TECHNICAL SPECIE | ICATIONS: E | BUTTERNUT S  | QUASH               |                 |                 |              |                     |                 |              |  |  |
|------------------|-------------|--------------|---------------------|-----------------|-----------------|--------------|---------------------|-----------------|--------------|--|--|
| VARIETY NAME     | ТҮРЕ        | PLANT HABIT  | DAYS TO<br>MATURITY | FRUIT<br>COLOUR | FLESH<br>COLOUR | WEIGHT<br>KG | FRUITS PER<br>PLANT | CAVITY<br>SIZE: | COMMENTS     |  |  |
| Hunter F1        | Traditional | Reduced vine | 90                  | Dark-tan        | 4               | 1 - 1.5      | 4 - 5               | 3               | Fresh market |  |  |
| Sweetmax F1      | Traditional | Vine         | 100                 | Beige tan       | 3               | 3.5          | 2 - 3               | 3               | Processing   |  |  |
| Autumn Crown F1  | Squashkin   | Reduced vine | 100                 | Buff            | 4               | 2            | 4 - 5               | 5               | Fresh market |  |  |

KEY: Cavity Size: Flesh Colour:

1 = Large 5 = Small 1 = Pale 5 = Dark CUCURBITS

### Basil & Coriance

|     | TECHNICAL S  | PECIFICAT | IONS: BASIL                  |        |   |
|-----|--------------|-----------|------------------------------|--------|---|
|     | VARIETY NAME | ТҮРЕ      | PE LEAF LEAF<br>SHAPE COLOUR |        | COMMENTS  |
|     | Crimson King | Genovese  | Broad Oval                   | Purple | Excellent flavour and no green off-types. Improved colour, leaf shape and vigour. |
| VEW | TZ 5021      | Genovese  | Broad Oval                   | Green  | High yielding variety, works very well in vertical farming systems.               |



| TECHNICAL S       | PECIFICAT | IONS: COI | RIANDER           |                   |   |
|-------------------|-----------|-----------|-------------------|-------------------|---|
| VARIETY NAME      | VIGOUR    | COLOUR    | BOLT<br>TOLERANCE | COLD<br>TOLERANCE | COMMENTS  |
| Calypso           | 3         | 3         | 5                 | 3                 | A good standard coriander variety which has a high yield<br>and vigour, with a classic green leaf colour and shape.<br>Suitable for vertical farming systems. |
| TZ 8296<br>Bolero | 4         | 4         | 4                 | 3                 | Darker leaf, high yielding with a nice upright plant habit making its ideal for harvesting.   |
| Confetti          | 3         | 3         | 3                 | 3                 | Novel type with a thin serrated leaf. Suitable for vertical farming systems. Ideal for salad packs  |
| WEV.              |           |           |                   |                   |   |

**KEY: All criteria:** 1 = Low 5 = High

**Leaf colour:** 1 = Pale 5 = Dark

# LEA Chard & Leature

### TECHNICAL SPECIFICATIONS: CHARD

| VARIETY NAME | LEAF<br>COLOUR | VEIN<br>COLOUR | PETIOLE<br>COLOUR | LEAF<br>TEXTURE | DAYS TO<br>MATURITY                  | COMMENTS   |
|--------------|----------------|----------------|-------------------|-----------------|--------------------------------------|--|
| Intense      | Green          | Red            | Red               | Rugose          | 30 days baby leaf,<br>60 days mature | Bright red veins, upright habit.<br>Used for baby leaf and whole head. |



| TECHNICAL    | SPECIFIC        | ATIONS: L      | ETTUCE                    |        |                      |  |   |  |  |  |  |  |
|--------------|-----------------|----------------|---------------------------|--------|----------------------|--|---|--|--|--|--|--|
| VARIETY NAME | TYPE            | LEAF<br>COLOUR | LEAF MARGIN<br>UNDULATION | VIGOUR | BOLTING<br>TOLERANCE | MILDEW<br>RESISTANCE                           | COMMENTS  |  |  |  |  |  |
| Ashbrook     | Oakleaf         | Light<br>Green | 4                         | 4      | 4                    | Bl 1-11, 13, 15, 17<br>and LMV                 | Unusual Oak leaf type can be used as<br>baby leaf & whole head. Suitable for<br>Vertical Farming Systems. |  |  |  |  |  |
| Osterley     | Midi<br>Romaine | Green          | 1                         | 4      | 4                    | Bl 1-15, 17-19, 22, 24,<br>25, 27 - 31 and LMV | Crunchy cos leaf with a teardrop shape.<br>Good for baby leaf and vertical<br>farming systems.            |  |  |  |  |  |

KEY:

1 = Low 5 = High

| VARIETY NAME        | UNIFORMITY | PLANT<br>HABIT | SERRATION | VIGOUR | BOLTING<br>TOLERANCE | LEAF<br>COLOUR     | LEAF<br>THICKNESS | MILDEW<br>RESISTANCE | COMMENTS  |
|---------------------|------------|----------------|-----------|--------|----------------------|--------------------|-------------------|----------------------|---|
| Aphrodite           | 3          | 4              | 4         | 3      | 3                    | 2                  | 4                 | 3                    | Good jagged leaf shape from<br>the first cut.                     |
| Apollo              | 3          | 4              | 4         | 4      | 3                    | 2                  | 4                 | 3                    | Good uniformity and upright habit.                                |
| Artemis             | 4          | 4              | 5         | 3      | 4.5                  | 4                  | 4                 | 3                    | Extremely slow bolting.   |
| Athena              | 4          | 4              | 4         | 3      | 3.5                  | 3                  | 4                 | 3                    | ldeal for main season production.                                 |
| TZ 5622             | 4          | 4              | 3         | 3      | 3                    | 3                  | 3                 | 3.5                  | Fine leaves which are evenly serrated and have a good thickne     |
| TZ 7635<br>Herakles | 4          | 4              | 3         | 3      | 3                    | 3                  | 3                 | 3.5                  | A variety with good vigour, upright habit, and improved uniformit |
| TZ 5623             | 4          | 4              | 3         | 3      | 3                    | 3                  | 3                 | 3.5                  | Fast growing variety with high yields.                            |
| Saturn              | 3          | 3              | 3         | 4      | 3                    | 3                  | 3                 | 3                    | Slow bolting & fast growing varie<br>good colour.                 |
| TZ 8293<br>Odyssey  | 4          | 4              | 4         | 4      | 3.5                  | 4.5                | 4                 | 4                    | Darker leaves variety with good resistance to mildew and fusariu  |
| Voyager             | 3          | 4              | 4         | 4      | 4                    | 3                  | 2                 | 3                    | More vigorous, uniform and upr<br>than standard varieties.        |
| TZ 5505             | 4          | 4              | 3         | 3      | 3.5                  | 4                  | 4                 | 3.5                  | Slower growing, slower bolting variety for the warmer month       |
| TZ 5204             | 4          | 4              | 4         | 3      | 4                    | 3 with red veining | 4                 | 3.5                  | Unusual, attractive red veined variety.                           |

|  |   |   |                  |   |                      | veining        |                               |                      | verned variety.             |
|--|---|---|------------------|---|----------------------|----------------|-------------------------------|----------------------|-----------------------------|
| TECHNICAL  | . SPECIFIC                                | CATIONS:                                      | SALAD I          | ROCKE                                     | T                    |                |                               |                      |                             |
| VARIETY NAME   | UNIFORM                                   | /ITY PLANT<br>HABIT                           | SERRATION        | VIGOUR                                    | BOLTING<br>TOLERANCE | LEAF<br>COLOUR | LEAF<br>THICKNESS             | MILDEW<br>RESISTANCE |                             |
| Astra  | 4   | 3   | 5                | 5   | 4                    | 3 - 4          | 4                             | 1                    | Has wild rocket leaf shape. |
| KEY:<br>Uniformity:<br>Plant Habit:<br>Serration:<br>Vigour: | 1 = Low<br>1 = Flat<br>1 = Low<br>1 = Low | 5 = High<br>5 = Erect<br>5 = High<br>5 = High | Leaf C<br>Leaf T | g Tolera<br>olour:<br>hicknes<br>w Resist | 1 =<br>s: 1 =        | Pale 5 =       | High<br>Dark<br>Thick<br>Good |                      |                             |

The information that has been provided is an average of the data gathered from various trial locations under European and USA conditions. Please be aware that variations in the growing environment and climatic conditions can render this information inaccurate, it is intended for general guidance only.

LEAF

## Helda Beans

Runner &

|     | TECHNICAL SPECIFIC | LATIONS: R            | UNINERI             | BEAINS           |                 |            |  |
|-----|--------------------|-----------------------|---------------------|------------------|-----------------|------------|--|
|     | VARIETY NAME       | FLOWER<br>COLOUR      | DAYS TO<br>MATURITY | POD LENGTH<br>CM | POD WIDTH<br>CM | STRINGLESS | COMMENTS                                       |
|     | Celebration        | Pink                  | 60 - 70             | 25 - 30          | 1.5 - 2         | No         | Great tasting, high yielding variety.          |
|     | Moonlight          | White                 | 65 - 75             | 25 - 30          | 1.5 - 2         | Semi       | High yielding with French bean genetics.       |
| NEW | Naivasha           | White                 | 75 - 85             | 24 - 28          | 2 - 2.5         | No         | Selected in Kenya for flowering in short days. |
|     | White Emergo Snowy | White                 | 75 - 85             | 24 - 28          | 2 - 2.5         | No         | Yields well under higher temperatures.         |
|     | White Lady         | White                 | 75 - 85             | 28 - 30          | 1.5 - 2         | No         | Exceptional flavoured pods with little fibre.  |
|     | Firestorm          | Red                   | 65 - 75             | 25 - 30          | 1.5 - 2         | Semi       | High yielding with French bean genetics.       |
|     | Aintree            | Red                   | 75 - 85             | 25 - 28          | 1.5 - 2         | No         | Sets well, even in high temperatures.          |
|     | Polestar           | Red                   | 75 - 85             | 25 - 28          | 1.5 - 2         | Yes        | Stringless variety with smooth, fleshy pods.   |
|     | St George          | Red/white<br>bicolour | 75 - 85             | 24 - 28          | 1.5 - 2         | Semi       | Unique bi-colour variety, picks easily.        |

|     | TECHNICAL SPECIFIC | ATIONS: <b>H</b> | ELDA BE             | ANS (CLIM | IBING)          |            |   |  |
|-----|--------------------|------------------|---------------------|-----------|-----------------|------------|---|--|
|     | VARIETY NAME       | FLOWER<br>COLOUR | DAYS TO<br>MATURITY |           | POD WIDTH<br>CM | STRINGLESS | COMMENTS                                  |  |
| NEW | Ogden              | White            | 60 - 70             | 20 - 25   | 2 - 2.5         | Yes        | Selected for Northern European production |  |

LEGUMES



| TECHNICAL S   | SPECIFIC/ | ATIONS: | CARROT              |        |                |         |                   |   |
|---------------|-----------|---------|---------------------|--------|----------------|---------|-------------------|---|
| VARIETY NAME  | TYPE      | COLOUR  | HARVEST             | SKIN   | ROOT<br>SHAPE  | FLAVOUR | ROOT LENGTH<br>CM | COMMENTS  |
| Resistafly F1 | Nantes    | Orange  | Early – Main        | Smooth | Blunt<br>ended | Sweet   | 20 - 22           | Attractive long roots, high yields.             |
| Flyaway F1    | Nantes    | Orange  | 2nd<br>Early – Main | Smooth | Blunt<br>ended | Sweet   | 18 - 21           | Bred to be less attractive to egg laying flies. |

| VARIETY NAME                                    | COLOUR                        | ROOT<br>SHAPE | ROOT<br>UNIFORMITY    | SKIN<br>THICKNESS | TAP<br>ROOT | TOP<br>HEIGHT     | PRODUCT             | COMMENTS                                   |
|---|-------------------------------|---------------|-----------------------|-------------------|-------------|-------------------|---------------------|--|
| Amethyst  | Purple                        | Round         | 3                     | 3                 | 3           | Medium<br>to Long | Loose &<br>Bunching | Striking purple skin,<br>slow to go pithy. |
| Root Uniformity<br>5kin Thickness:<br>Γap Root: | r: 1 = Lo<br>1 = Th<br>1 = Th | in 5 =        | High<br>Thick<br>Thin | C                 |             |                   |                     |  |

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ROOTS

### Parsnips

### TECHNICAL SPECIFICATIONS: PARSNIPS

|     | VARIETY NAME | ROOT<br>LENGTH CM | ROOT<br>SHAPE | ROOT<br>COLOUR | CROWN<br>DEPTH | SKIN<br>SMOOTHNESS | COMMENTS  |
|-----|--------------|-------------------|---------------|----------------|----------------|--------------------|---|
|     | Albion F1    | 28                | 3             | 4              | 3              | 4                  | White roots, slow to discolour.                               |
|     | Gladiator F1 | 27                | 3             | 3              | 3              | 3                  | Established variety, very early bulking.                      |
|     | Javelin F1   | 24                | 2             | 3              | 4              | 3                  | Market leading; slender wedge shaped root, ideal for prepack. |
| NEW | Sabre F1     | 28                | 3             | 4              | 3              | 4                  | Slender shape, stores well and holds white colour.            |
|     | Viking F1    | 27                | 2             | 4              | 3              | 4                  | High yielding with white roots.                               |
|     | Warrior F1   | 28                | 3             | 4              | 4              | 3                  | Attractive white root, lifts through to late winter.          |
|     | White Spear  | 28                | 4             | 4              | 3              | 3                  | Bulks rapidly from early sowing.                              |

### KEY:

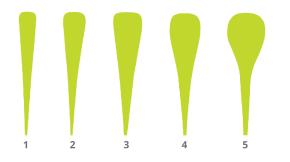
| Root shape      |
|-----------------|
| Root colour     |
| Crown depth     |
| Skin smoothness |

 1 = slender
 5 = bold

 1 = cream
 5 = white

 1 = deep
 5 = shallow

 s
 1 = rough
 5 = smooth





### ROOTS





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