



Ranunculus Reinette Series

*Cut Flower Growers
Catalogue 2010*



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Propagation Materials & Systems

- For
- Production Nurseries
 - Greenhouse Vegetables
 - Hydroponic Production
 - Cut Flowers



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catalogue available



Highsun is located in South East Queensland.

128 Dundas Street West
Ormiston Qld 4160



Nursery & Garden Industry Association of Australia



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We offer :-



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Seed

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SEED delivered EXPRESS to Cut Flower Growers

Support - from over 12 specialist breeders around the globe ensure the latest trends abroad are at your fingertips.

Commitment - high germination is paramount. Our extensive range of enhanced or pelleted seed offers the convenience you deserve.

Guaranteed Quality - at Highsun we only use the best seed for our plugs and we offer you the same.



Customer Service

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Quality Seed at the right price

*Deliveries Australia wide,
Western Australia
requirements catered for.*

Seed Types

Highsun offers you the latest in seed enhancements for precision seeding, clear seed visibility and optimum germination and seedling vigour. The seed type is displayed in the catalogue as: - **Coat** = Coated seed, **Det** = Detailed seed, **Elit** = Elite seed, **Mult** = Multi Pelleted seed, **Pell** = Pelleted seed, **Prim** = Primed seed, **Seed** = Raw seed

Coated

- some seeds are coated to provide uniform size and shape for seeding
- improves flow and individual sowing through automatic seeders
- uses bright colours to improve visibility

Detailed

- marigold seeds are treated to remove fuzzy tails
- minimises the risk of disease, which is carried in the tail
- improves flow and placement of seeds in plug trays

Elitech

- is seed that has had its quality improved by one or more of the following techniques or treatments.

- graded to help ensure fast uniform germination
- clipped or detailed Marigold allowing sowing to be automated whilst reducing the risk of seed borne disease
- fungicide treated to reduce seed borne disease
- primed to ensure germination potential is maximized

Multi Pelleted

- multiple seeds are enclosed in each pellet
- allows for uniform sowing of multiple seeds per plug

Pelleted

- small seeds are coated to allow more manageable, uniform shape

- allows easier handling for more reliable, faster mechanical sowing
- uses bright colours to improve visibility

Primed

- seeds are treated to begin the biochemical process of germination then stopped just prior to radical emergence
- provides maximum and faster germination, even under a wider range of temperature and environments
- **Primed seed must be properly stored and used within 6 months of receipt

Highsun Contacts

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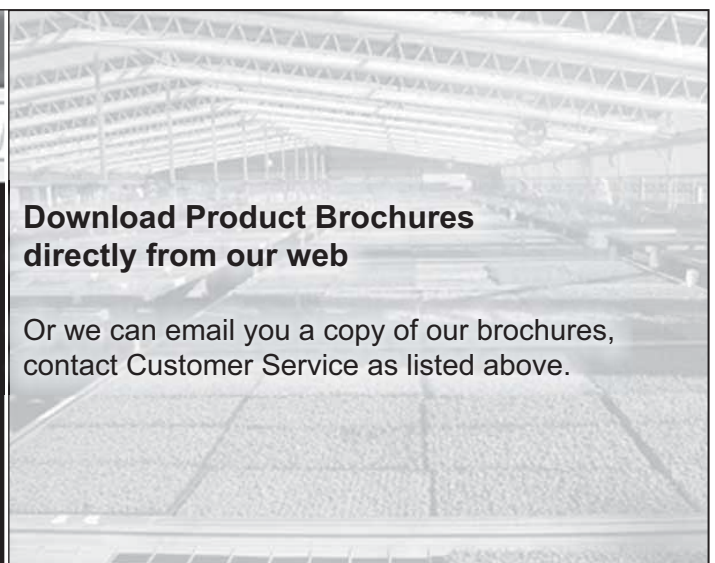
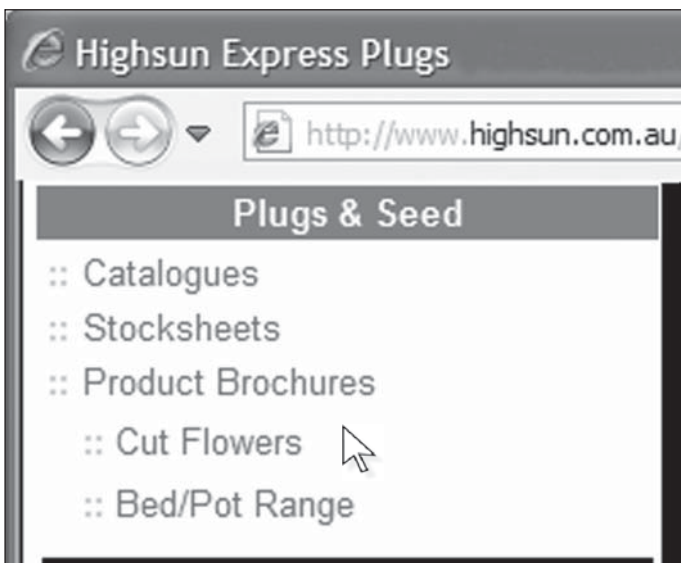
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New & Discontinued Varieties

New Varieties

AMARANTHUS *Amaranthus cruentus*
ARABIAN

CELOSIA *argentea cristata* (Cockscomb)
LIME SPIRES

CELOSIA *plumosa*
DURAN

DELPHINIUM *x belladonna*
BLUE DONNA

replaces Blue Shadow

GOMPHRENA *globosa* (Globe Amaranth)
AUDRAY SERIES

LISIANTHUS *E.grandiflorum* - (Eustoma)
ARENA F1 SERIES
BRIDAL F1 SERIES
BOUQUET F1 SERIES
CESSNA F1 SERIES

RANUNCULUS *asiaticus*
GIGA F1 SERIES
HIGHLINE F1 SERIES
REINETTE F1 SERIES

STOCK - Non Selected *M. incana* - Column *Matthiola*
TOWER PRO SERIES

SUNFLOWER *H.annus* *Helianthus*
ECLIPSE SERIES
LEMON RUSH
MERIDIAN SERIES
RACEY ORANGE
ROYAL VELVET
SOLAR ECLIPSE

New Colours

ANTIRRHINUM *majus* F1 Forcing Snaps (Snapdragons)
OVERTURE™ F1
Rose
OPUS™ F1
Fresh White, Red

DELPHINIUM *Vegetative Tissue Culture*
WALTZ
Big Sea Double

DELPHINIUM *x belladonna*
Super Blush, Super Pink

LISIANTHUS *E.grandiflorum* - (Eustoma)

GEM
White
HELIX F1
Pink, White
MAGIC F1
Pink
VALENTINE F1
Yellow

RANUNCULUS *asiaticus*
FRIANDINE F1 SERIES
Cream, Deep Pink, Gold, Rose Picotee

STATICE *L.sinuata* - (Limonium)
RUSH SERIES
Violet

STATICE *Sinuata* *Vegetative Tissue Culture*
CLEAR SNOW
WINE ROSE,
LUSTER VIOLET

STOCK - Non Selected *M. incana* - Column *Matthiola*
DOUBLE DELIGHT SERIES
Deep Yellow, Early White
IRON SERIES
Blue, Deep Yellow

Discontinued

AGERATUM *houstonianum* [mexicanum]
BLUE PLANET F1
RED SEA

BUPLEURUM *rotundifolium*
GRIFFITI

ANTIRRHINUM *majus* F1 Forcing Snaps (Snapdragons)
COSTA SERIES

CENTAUREA *cyanus* (Cornflower)
BOY BLUE

DAHLIA *variabilis*
DOUBLE CACTUS FLOWERED HYBRIDS

DELPHINIUM *x belladonna*
BLUE SHADOW

replaced by Blue Donna

GODETIA *grandiflora*
GRACE SERIES
Lavender Eye

GOMPHRENA *globosa* (Globe Amaranth)
QIS® GLOBOSA SERIES
replaced by AUDRAY Series

LISIANTHUS *E.grandiflorum* - (Eustoma)
FLAMENCO F1
Mix, Lime Green
MAGIC™
Blue Picotee, Green

MARIGOLD *T.erecta* (African)
PROMISE SERIES
NOSENTO SERIES

PLATYCODON *grandiflora*
FLORIST BLUE F1

RANUNCULUS *asiaticus*
VICTORIA F1 SERIES
FRIANDINE
Champagne, Chocolat, Pink

RUDBECKIA *E.purpurea*
PURPUREA SERIES

STATICE *Sinuata* *Vegetative Tissue Culture*
EARTH
Purple
SUNDAY
Violet
EXOTIC
Purple

SUNFLOWER *H.annus* *Helianthus*
ALAVAR
EMDOR
SOLO
VADA

TRACHELIUM *coeruleum*
CORINE SERIES

VERONICA *spicata* Speedwell
SIGHTSEEING

Cut Flowers

AMARANTHUS

Amaranthus cruentus

Annual Plug Lead Time: 9 wks

ARABIAN **NEW**

Hot series for sales from summer through to late autumn. Amaranthus is originally from India and prefers warm and sunny conditions. The crop is mainly for outdoor production. Unique arrangement flower. Height 1m +. **300 Seeds/gram**

1462 **green** seed avail Feb 2010

1418 **red**

AMMI

majus Bishops Flower/Queen Anne's Lace

Annual Plug Lead Time: 9 wks

GRACELAND

Graceland has strong and straight stems for an easier harvest. Very uniform growth, more quality stems, better return per m². Healthy dark green foliage, less cleaning during harvest. Sideshoots don't overgrow main umbel, manageable height. Large and flat flower umbels. Plug time 4-6 weeks. Finish time 8-10 weeks. Flowering time 4 weeks. Sales window throughout Summer. Height 100-140cm. **2,000 Seeds/gram**

4747 **Graceland** - white

AMMI

visnaga Bishops Flower/Queen Anne's Lace

Annual Plug Lead Time: 9 wks

CASABLANCA

Sideshoots don't overgrow main umbel, maintaining a manageable height. Strong and straight vertical stems for easier harvest. Earlier and more uniform providing a better return per m². Large umbels offer great sales appeal. For greenhouse and outdoor production, with high vigour and germination. Plug time 4-6 weeks. Finish time 10-13 weeks. Flowering time 5 weeks. Sales window throughout Summer. Height 100-125cm. **2,000 Seeds/gram**

4916 **Casablanca** - white

ANEMONE

coronaria

Annual Plug Lead Time: 10 wks

MARIANNE

Shipping of Anemone orders starts from week 12.

Giant tetraploid flowers borne on long strong stems. Shows good tolerance to botrytis, due to the thick petals and strong leaves. Mix contains Blue, Red, White/Rose and White

with Black Centre. **1,800 Seeds/gram**

- 1043 **Blue**
- 1045 **Red**
- 1047 **White**
- 1046 **White Black Centre**
- 1044 **Mix**

ANTIRRHINUM

majus F1 Forcing Snaps (Snapdragons)

Annual Plug Lead Time: 9 wks

Group 1 & 2 (Winter Forcing)

OVERTURE™ F1

The latest snapdragon breeding that vastly improves upon current varieties in its own right. Exhibiting the desired stem qualities with large clusters of florets. Overture is earlier to flower than Opus, it's stablemate. Height 100-130cm. **6,000 Seeds/gram**

- 1100 **Ivory**
- 1101 **Light Bronze**
- 1102 **Light Pink**
- 1103 **Magenta**
- 3717 **Orange**
- 1104 **Pink**
- 1105 **Plum Blossom**
- 1106 **Red**
- 1980 **Rose** new colour
- 1107 **White**
- 1108 **Yellow**

Group 2 & 3 (Autumn & Spring Forcing)

CHANTILLY F1

The delicate butterfly type snapdragons offer beauty to any arrangement. They will bloom early when grown under low temperatures. Days from sow to flower are 110 - 130 days. Chantilly grows like a traditional snapdragon. Height is 120-140cm. **6,000 Seeds/gram**

- 1057 **Bronze with Throat**
- 1058 **Cream Yellow**
- 4991 **Deep Orange**
- 1059 **Light Pink**
- 1060 **Light Salmon**
- 1062 **Pink**
- 1063 **White**

Group 3 & 4 (Summer Forcing)

OPUS™ F1

Another quality snapdragon in this later flowering group from the same breeding as Overture. With most of the important colours available at present, it is a variety of the future that improves upon Monaco and Potomac. Height 100-130cm. **6,000 Seeds/gram**

- 1092 **Apple Blossom**
- 1114 **Bright Red** new colour
- 3445 **Early Bronze**
- 4981 **Early Pink**
- 3606 **Early White**

1973 **Fresh White** new colour

- 1093 **Ivory**
- 1094 **Lavender**
- 1095 **Pink**
- 1096 **Plum Blossom**
- 2053 **Red** new colour
- 1097 **Rose**
- 1098 **White**
- 1099 **Yellow**

Group 2 & 3 Varieties Suitable for Growing Outdoors or in Covered Structures during Spring & Autumn

SUNSHINE F1

Only available as Plugs

Sturdy stems support dense columns of bright flowers. Long spikes 90cm are suitable for any floral arrangements as well as the home garden. **6,000 Seeds/gram**

3389 **Deep Purple Eye**

3388 **Light Purple Eye**

ROCKET F1

Rocket snaps are the standard cut flower strain used in home gardens and by outdoor, professional cut flower growers. The professional grower can obtain two crops if plants of the first crops are transplanted by early summer. These summer flowering varieties have excellent flowering quality. Garden height: 1 to 1.2m. **6,000 Seeds/gram**

1115 **Mix**

ASTER

C. chinensis (Callistephus)

Annual Plug Lead Time: 9 wks

HANA

Aster Hana has very small 3.5cm flowers, very suitable for bouquets and flower arrangements. Single flowers contrast nicely between bright yellow centres and petals. **450 Seeds/gram**

- 4460 **Blue**
- 4437 **Blue Tipped**
- 4461 **Deep Blue**
- 4432 **Deep Rose**
- 4462 **Pink**
- 4434 **Rose**
- 4438 **Rose Tipped**
- 4435 **Scarlet**
- 4436 **White**

MAGGIE WHITE

Maggie has a single white flower with a yellow disk similar to a Marguerite Daisy. The stems branch well for an ideal spray habit and can be used as a filler in mixed bouquets. Maggie is very productive with a profusion of blooms on each stem. Flower size is approximately 3-4cm in diameter. **500 Seeds/gram**

1155 **White**

Cut Flowers

MATSUMOTO

Exciting Japanese Aster with Pompom spray type flowers. The complete plant can be harvested at once. Matsumoto is also very good for spring and autumn glasshouse production. Due to its uniformity and large colour range, one of the better Callistephus varieties for fresh cutflower production at this moment. Very early flowering strain with half double, medium size flowers and bright cream yellow centres. Little branched, upright plant habit and long, strong stems. Height 70cm. **500 Seeds/gram**

- 1150 **Apricot** - apricot peach
- 1151 **Blue**
- 1154 **Blue Tipped White**
- 1153 **Blush** - soft pink
- 1157 **Light Blue**
- 1159 **Pink**
- 1160 **Pink Tipped White**
- 1161 **Rose**
- 1162 **Salmon**
- 3590 **Scarlet** - bright scarlet
- 1163 **White**
- 1164 **Yellow**
- 1158 **Mix**

RAINBOW DOUBLES

Full colour mix, each flower has several rows of petals with a bright yellow centre.

450 Seeds/gram

- 1147 **Mix**

BELLS OF IRELAND

M.leavis (Molucella)

Annual Plug Lead Time: 9 wks

BELLS OF IRELAND

Excellent cut and dried flower with extra tall, lime green flower or calyces that top 25-30cm. The flower itself is an insignificant white bloom in the centre of the bell. Harvesting can start as soon as stems are long enough and calyces are well formed. Pinching delays cutting but gives more stems per plant. NB: the true leaves should be removed from between the calyces for the best ornamental product. Height 50-90cm. **150 Seeds/gram**

- 1263 **Irish Green Bell**

CALENDULA

officinalis

Annual Plug Lead Time: 8 wks

NAKAYASU

replaces Prince colours

Indent Line

Nakayasu is basal branching, with good vigour and uniformity. Calendula's prefer cool temperatures, however during the cold season do not overwater as moist conditions will lead to black rot. When grown during hot conditions the flowers will be smaller. By pinching the

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centre stem 60 days after sowing, the plant will produce 8-10 good quality cut flowers.

Height 91-110cm. **130 Seeds/gram**

- 1291 **Golden** - golden yellow

- 1290 **Orange** - bright orange

PRINCE

Indent Line

Becoming increasingly popular, Prince can be grown year round as not daylength sensitive. Good double flowered cutting series for cool greenhouse and outdoor culture, suitable for forcing. Height 60cm. **130 Seeds/gram**

- 1289 **Indian** - bronze orange, dark heart

CAMPANULA

medium (Canterbury Bells)

Perennial Plug Lead Time: 13 wks

CHAMPION F1

Champion is an attractive cutflower which is also suitable for production in big containers. Fast finishing, high yielding series has bell shaped, 4cm diameter blooms. Uniform, basal branching plants with 8-10 stems per plant. Height 65cm.

750 Seeds/gram

- 1292 **Blue**

- 3444 **Lavender**

- 1293 **Pink**

- 1294 **White**

CAMPANULA

rapunculus

Perennial Plug Lead Time: 13 wks

HEAVENLY BLUE

Heavenly Blue is a form of Campanula for cut flower production that does not require vernalisation to initiate flowering. Through daylength manipulation, using "mum lights", moderate temperatures of 13°C, scheduled flowering allows continuity of supply. Crop production and timing is similar to C.medium Champion series. Height 60-80cm.

12,000 Seeds/gram

- 3430 **Blue**

CAPSICUM

annum

Annual Plug Lead Time: 9 wks

CONICAL

Indent Line

A variety specifically for cut flower production with colourful round and unique fruits. As fruits come together at the top of plants, you can then strip the leaves.

120 Seeds/gram

- 1313 **Gold**

- 1314 **Orange**

- 1315 **Scarlet**

SHORT

Indent Line

Many smaller and long triangular fruits are displayed. Stem length is 40 - 50 cm.

120 Seeds/gram

- 1336 **Scarlet**

CELOSIA

argentea cristata (Cockscomb)

Annual Plug Lead Time: 8 wks

BOMBAY

High quality greenhouse series has a 3-4 week shorter crop time than standard cutflower celosia. Bombay has round stems, flat triangular combs, truly uniform growth, 13-15wk culture, 64 plants m2, stress resistant, excellent shipability, vase life of upto 3 weeks. Protected by Plant Breeders Rights & Plant Variety Protection. A few colours have been awarded the Fleuroselect Gold Medal. Height 100-120cm.

1,000 Film Coated Seeds/gram.

(A number of growers have experienced difficulty producing this crop, it has been found that it is essential to grow the crop at the correct time of year which will vary with your location in Australia. This crop has been bred for European conditions for flowering into spring and summer therefore every attempt should be made to time this variety for conditions that most resemble that. Bombay Purple and Yellow Gold have proven to give the best results. Immediate planting after receipt is vital.)

- 4591 **Fiore** - orange comb and rose orange neck

- 1364 **Fire** - warm red

- 1369 **Rose** - bright rose

- 1373 **Yellow Gold** - bright yellow Fleuroselect Quality Mark Winner

CHIEF

Indent Line

Only available as Plugs

Stiff upright, non branching stems with large Cockscombs in a remarkable range of clear, showy colours. Height 100cm.

1,400 Seeds/gram

- 1375 **Bicolour**

- 1376 **Carmine**

- 1378 **Fire**

- 1380 **Gold**

- 1382 **Persimmon**

- 1381 **Mix**

KURUME

Kurume varieties are crowned with grand combs of vivid colours. They have a very high tolerance of heat, drought and disease. They are prized for summertime cut flower use. Dense plantings, spaced 10-15cm apart will produce smaller combs and thinner stems.

1,400 Seeds/gram

Cut Flowers

- 4463 **Gold**
4590 **New Scarlet** - red leaf
4463 **Orange Red** *formerly Scarlet*
4456 **Rose** - green leaf

CELOSIA

plumosa

Annual Plug Lead Time: 8 wks

CENTURY

Century series produces extremely large plumes averaging 30cm long with numerous basal branches. All plants in this series produce a number of huge, well-formed plumes with identical plant and flowering habit, suitable for large scale outdoor cut flower production. Very impressive due to massive colourful plumes. Will begin to flower about 80 days from sowing, extra early and very easy to grow. Height 70cm. **1,400 Seeds/gram**
1374 **Mix** - fire, red, rose & yellow

DURAN

NEW

Duran is very popular among arrangement celosia with an assortment of vivid yellow and red. This variety flowers from November through to March. **1,400 Seeds/gram**
1419 **Gold**
1420 **Red**

LIME SPIRES

NEW

Lime green feather Celosia is excellent as a green bouquet filler as well as for all kinds of arrangements. Spires responds very well to light and temperature. In the greenhouse with lighting and heating, winter production is possible. **1,400 Seeds/gram**
4478 **Lime**

CELOSIA

spicata

Annual Plug Lead Time: 8 wks

PARFAIT

Parfait has a vigorous branching habit, it is suitable for branching crops and upto 30 branches per plant can be harvested. Space 30-40cm, one row in 90cm ridge, 90cm pathway. Pinch when 10-15cm in plant height. Height upto 1m. **1,400 Seeds/gram**
1388 **Burgundy** - wine red
1389 **Light Pink** - light pink
1390 **Ruby** - ruby wine

COSMOS

bipinnatus Tetra

Annual Plug Lead Time: 7 wks

SENSATION

Only available as Plugs

Daisy-like, 6cm diameter, single blooms with serrated petals and gold centres. Height 120

- 180cm. **140 Seeds/gram**

- 1479 **Mix**
1480 **Purity White**

VERSAILLES

Extra large flowers, dark rose, red, white, flush. Height 110cm. **140 Seeds/gram**
1483 **Mix**

DELPHINIUM

Vegetative Tissue Culture
Plug Lead Time: 16 wks

WALTZ

Indent Line

- very high productivity, 3 times more productive than seed varieties
- large flowers
- beautiful colours
- long vase life
- high quality
- 3-5 or more harvest opportunities
- superior powdery mildew resistance
- 2nd year crops possible in cooler climates
- Plugs only grown in 70 Jiffy trays.
- Minimum 2 trays per colour.

Ordering:

- Allow 4 months lead time.
- Available **ONLY** for SHIPPING:
Weeks 8, 14, 36, 42

Note: Tissue Culture suppliers have a minimum order quantity. Highsun will group the orders together to achieve the supplier minimum.

- 5152 **Big Sea Double** **new colour**
4941 **Sea**
4939 **Sky**
4163 **Snow**
1517 **Star**
4940 **Water**

DELPHINIUM

x belladonna

Annual Plug Lead Time: 10 wks

ANGEL SUPER

replaces Angel Series

Super Angel is a spray type of delphinium which makes an excellent filler for bouquet work. Crop height is uniform within the colours which range from 65 – 90 cm. Unlike column delphiniums, Super Angel retains all petals after harvest, increasing customer satisfaction. Foliage is fine and easy to work with and makes cutting economical. Up to 10 stems are possible including the second crop. **400 Seeds/gram**
4414 **Super Blue**
4419 **Super Blush** **new colour**
4415 **Super Lilac**
4416 **Super Pink** **new colour**
4417 **Super Sky Blue**

BELLADONNA

Light blue single, capped florets. Height 120cm. **400 Seeds/gram**
1571 **Belladonna** - light blue

BELLA MOSUM

Deep blue florets. Height 120cm. **400 Seeds/gram**
1572 **Bellamosum** - deep blue

BLUE DONNA

NEW

SEMI DOUBLE

replaces Blue Shadow

Improved uniformity and colour, increased productivity, more stems per sqm (multiple flush crop). Fast culture, 12-16 weeks from planting. Heat tolerant, low disease sensitivity. Blue Donna is PBR protected. Height : 80-100 cm. Plug time: 6-8 weeks, Finish time: 12-16 weeks, Flowering time: 4 weeks. **450 Seeds/gram**
1577 **Blue Donna**

CASABLANCA

White capped blooms, contains a small % of pale blue. Height 120cm. **400 Seeds/gram**
1579 **Casablanca** - white

DELPHINIUM

x elatum

Annual Plug Lead Time: 10 wks

AURORA F1

Aurora is especially bred for short day production schedules and is very early. Aurora produces a uniform flush of high quality spikes on stems with a consistent medium diameter. F1 hybrid vigour results in better quality and consistency from subsequent flushes. Aurora is extremely stable and is suitable for greenhouse, tunnel or open field production. Height 70-80cm. **400 Seeds/gram**
3631 **Blue**
3632 **Deep Purple**
3633 **Lavender**
3634 **Light Blue**
3586 **White Shades**

MAGIC FOUNTAINS

Magic Fountains has the widest range of colours in a dwarf Pacific type. It is recommended for windy areas where tall types are damaged, as they do not require staking. Excellent for cut flower production. Height 80cm. **500 Seeds/gram**
4983 **Cherry Blossom/White Bee**
1584 **Dark Blue/Dark Bee**
1585 **Dark Blue/White Bee**
1586 **Lilac Pink/White Bee**
1588 **Sky Blue/White Bee**
1589 **White**
1587 **Mix**

Cut Flowers

TRITON

Triton was a clear standout in our 2006 Spring Trials. Clearly superior to Aurora in all aspects. Two colours kick off this series including the popular dark blue. Triton has easy to handle stem calliper - not too thick, densely packed florets form a long head. Triton offers 30% faster return crops than existing varieties. With higher stem counts per plant, making them easier for Florists to use. Height 1.5-2m.

400 Seeds/gram

- 4956 **Dark Blue/White Bee**
- 4957 **Light Blue/White Bee**

DELPHINIUM

x cultorum x hybrida

Annual Plug Lead Time: 10 wks

PACIFIC GIANTS

All of these plants have white bees, except Blue Jay and Black Knight, which have dark bees. Astolat can produce both creamy white and dark bees. Height 1.5m.

450 Seeds/gram

- 1570 **Astolat** - bluish pink shades with darker tones
- 1576 **Black Knight** - dark blue, dark bee
- 1573 **Blue Bird** - mid blue
- 1575 **Blue Jay** - medium blue, dark bee
- 1578 **Cameliard** - lavender rose
- 1581 **Galahad** - pure white
- 1582 **Guinevere** - lavender pink
- 1583 **King Arthur** - royal violet
- 1592 **Summer Skies** - light blue
- 1591 **Round Table Mix** - all of the series colours

DIANTHUS

barbatus types

See SWEET WILLIAM

FOXGLOVE

D. purpurea (Digitalis)

Perennial Plug Lead Time: 10 wks

DEBUTANTE F1

Single Colours - Indent Line

Digitalis leaps into the 21st Century with the introduction of Debutante. Debutante's is superior in performance from seed quality to overall appearance and strength. The first F1 hybrid on the market with high germination, uniform growth and flowering. Secondary spikes provide numerous high-quality, strong stems. Huge tubular florets are highlighted with speckled throats. More reliable first year flowering and heavy second year bloom. Garden height 1-1.5m. 4,500 Seeds/gram

- 3600 **Cream** - cream, dark burgundy dots, yellow throat
- 3601 **Lavender** - lavender with lt burgundy dots with white halo

3602 **Rose** - rose with burgundy dots with white/yellow halo

3603 **White** - white with lt burgundy dots yellow throat

4292 **Mix**

FREESIA

Hybrida

Perennial Plug Lead Time: 12 wks

ROYAL CHAMPION

Extra large flowered, tetraploid Freesia. Selected for flower size, stem quality and extra clear colours. Soak seeds 24 hours prior to sowing. Height 70cm. 60 Seeds/gram

Seed - single colours only available

1661 **Blue**

1663 **Pink**

1664 **Red**

1665 **White**

1666 **Yellow**

1662 **Mix**

Plugs - all colours available multi seeded 3 seeds per cell

3455 **Blue**

3457 **Pink**

3458 **Red**

3459 **White**

3460 **Yellow**

3456 **Mix**

GERBERA

jamesonii

Annual Plug Lead Time: 13 wks

MELODY

Large flowers of 10-12cm diameter are produced on long strong stems - perfect for cutting. The mixture contains scarlet, red, orange, carmine rose, pink, salmon, yellow and cream. 60-80cm tall. 280 Seeds/gram

3593 **Mix**

GERBERA - Florist

Tissue Culture

See Page 15

GODETIA

grandiflora

Annual Plug Lead Time: 8 wks

GRACE

Grace has lateral branches that produce numerous flowers and 5 to 6 flowers grow in clusters on top of the plants. Grace has very strong and highly productive stems where at least 15 high quality cut flowers are produced per plant. Grace is a cool temperature loving plant which can be grown at 15-18 °C during the daytime and 10 °C at night. Daytime temperatures should not exceed 25°C.

Suitable for spring to summer harvest. Height 70-80cm. 1,600 Seeds/gram

1757 **Lavender**

1759 **Red**

1760 **Rose Pink**

1761 **Salmon**

1762 **Shell Pink**

1763 **White**

1758 **Mix**

GOMPHRENA

globosa (Globe Amaranth)

Annual Plug Lead Time: 10 wks

AUDRAY SERIES

replaces QIS® Globosa Series

The series can be used both for fresh and dried arrangements. It is also an excellent tall garden plant that withstands hot and humid conditions. Plant height 80-100cm.

450 Seeds/gram

1779 **Bicolour Rose**

1778 **Pink**

1776 **Purple**

1769 **Mix**

GOMPHRENA

haageana (Globe Amaranth)

Annual Plug Lead Time: 10 wks

QIS® Haageana SERIES

Carmine has a flower size 4-5cm, dark leaves, uniform growth and heat resistance. All are 75cm tall. 450 Seeds/gram

1771 **Carmine** - unusual glowing colour, Fleuroselect Quality Mark

1770 **Orange** - dark orange

1777 **Red** - glowing red, improved Strawberry Fields

1773 **Mix** - formula mix of the Globosa & Haageana colours listed above

HELICHRYSUM

bracteatum (Strawflower)

Annual Plug Lead Time: 8 wks

SULTANE

Indent Line

Best selection for dried bouquets, extra large 100% double flowers on strong stems. Mix of 8 colours, reselected to produce 8-10 stems per plant. Harvest flowers preferably early in the morning before fully open and hang to dry in small bunches away from direct light. Strip foliage from stems to avoid rotting. Height 120cm. 1,500 Seeds/gram

1790 **Mix**

Cut Flowers

HIBISCUS

H. sabdariffa (Rosella)

Annual Plug Lead Time: 8 wks

COCKTAIL RED

Tall straight stems carry the well spaced light red, inflated fruits. Height 200cm.

200 Seeds/gram

5184 **Red**

KALE

B.oleracea (Brassica Flowering/Ornamental Cabbage/Flowering Kale)

Annual Plug Lead Time: 10 wks

CRANE

replaces *Sunset & Sunrise*

Crane has a long lasting vase life. Uniform and unique series of cut flower. Genetically, the flower head was bred to be compact, however, plant spacing will determine the size of the flower as well. Crane Pink, Red and White have a very uniform, upright habit and complement each other. Crane Bicolour has a white head with a rose centre.

300 Seeds/gram

1666 **Bicolour** - green with cream and rose centre

4997 **Pink** - pink

1664 **Red** - green with red centre

1665 **White** - white with pink centre

LARKSPUR

D. consolida (Delphinium)

Annual Plug Lead Time: 10 wks

SUBLIME

A very productive series due to its excellent branching habit. This reselected strain of the "imperial" type is considered world wide as being the best for dried flowers. Solid stems, densely packed with fully double flowers. Harvest Time: dried flowers 90% in bloom and hang to dry in small bunches away from direct sun light. Fresh flowers 50% in bloom. Larkspurs are sensitive to mildew. Height 120cm. 450 Seeds/gram

1921 **Azure Blue**

1922 **Bicolour** - dark blue and white

1924 **Bright Carmine**

1923 **Bright Pink**

1925 **Brilliant Salmon**

1927 **Dark Blue**

1926 **Dark Pink**

1928 **Lilac**

1929 **Pale Pink**

1930 **White**

SYDNEY

Sydney is the first Larkspur that is truly suitable for professional, programmable greenhouse cultivation. Harvesting can be

scheduled from spring until early autumn. Uniform flower spikes, fully double flowers along the length of the stem, upright plant habit with minimal side branching. Height 120cm.

450 Seeds/gram

3256 **Pink**

1931 **Purple**

1932 **Rose**

1933 **White**

LIATRIS

spicata Blazing Star

Annual Plug Lead Time: 10 wks

FLORISTAN

Cutflower with extra long spikes. Height 90cm.

300 Seeds/gram

1951 **Violet** - violet

1952 **White** - white

LILIUM

longiflorum

Annual Plug Lead Time: 12 wks

RAIZAN

Raizan 1 - this unique variety bears 3-6 nice upright, flowers on thick stems to 130cm. Raizan 2 - 3-4 weeks later flowering than Raizan No 1, otherwise same characteristics as No 1. Raizan 3 - about 2 weeks later than Raizan No 2, a little thicker leaves and stems than No's 1 and 2. Herald - 2-3 weeks earlier flowering than Raizan No 1, other characteristics are the same as No 1. 300 Seeds/gram

1955 **No 1** - pure white

1956 **No 2** - pure white

1957 **No 3** - pure white

1954 **Herald** - pure white

TOTEM

Totem is an early blooming series. Flowers face upwards on the stalk. Correct light & temperature are required to achieve extended flowering. Totem have strong stems. Sow wk 32 (August), Transplant wk 42 (Oct) 10 wks. Crop time 4-6 months from transplant.

300 Seeds/gram

1341 **Totem** - pure white

1351 **Totem 1** - pure white

1358 **Totem 2** - pure white

LIMONIUM

Vegetative Tissue Culture

Plug Lead Time: 16 wks

LIMONIUM TISSUE CULTURE

- Long life crop - upto 4 years
- Durable bouquet filler
- Plugs only grown in 70 Jiffy trays.
- Minimum 2 trays per colour.

Ordering:

- Allow 4 months lead time.

- Available ONLY for SHIPPING: Weeks 2, 8, 14

Note: Tissue Culture suppliers have a minimum order quantity. Highsun will group the orders together to achieve the supplier minimum.

EMILE TALL

Indent Line

Industry standard with soft colours. Larger open display of flowers. Blue is tall with a high useable stem count. Pink is a reliable, fashionable colour. Height 80-100cm.

1560 **Blue** - light blue

1563 **Pink** - pink

LISIANTHUS - Doubles

E.grandiflorum - (Eustoma)

Annual Plug Lead Time: 16 wks

GROUP 0-1 EARLY FLOWERING

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma.

BOREALIS F1

Only available as Plugs

Formerly known as Aurora.

Extra early Doubles. Very early for Winter, early Spring production. Flower shape, size and petal number is between that of Echo and Mariachi. An excellent choice for this group.

800 Seeds/gram

4751 **Apricot**

3334 **Blue**

GROUP 1 - MID FLOWERING (2 WEEKS LATER)

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma

BRIDAL F1

NEW

The first colour in a specially selected range with a unique bud form for Lisianthus. The series will be especially useful for wedding arrangements and bouquets. The series is top flowering with buds of medium size. The upper stems are strong and resist floppiness. Group 1 timing, so is suited to most times of the year. Bridal Yellow perfectly shaped buds show a hint of lime when tight. As the outer petals unfurl the buds take on the appearance of a rose.

3598 **Yellow**

ECHO F1

100% double flowering. Depending on culture, flowering time can be equal or up to 3 weeks later than the other group one varieties. Plant habit is less vigorous than Mariachi. Early flowering. Height 70cm. 800 Seeds/gram

1963 **Blue** - mid blue

1964 **Blue Picotee** - white centre with blue edging

Cut Flowers

- 1965 **Champagne** - delicate yellow base, pastel pink rim
- 1966 **Lavender** - soft orchid lavender
- 1968 **Pink** - white centre with pink edging
- 1969 **Pink Picotee** - peach centre, rose edges
- 1970 **White** - clear white
- 1971 **Yellow** - contains 4% singles, medium light yellow
- 1967 **Mix** - formula mix of series colours

GEM F1

Gem Series is a Group 1 flowering type. It starts with 4 colours of uniform flowering quality, exhibiting full doubleness on strong stems with medium to large heads. The open flowers are tidy and well presented towards to the top of the stems. Height 90cm. **800**

Seeds/gram

- 3595 **Blue**
- 1152 **Blue Picotee**
- 4859 **Green**
- 4860 **Misty Blue**
- 4706 **Pink**
- 1995 **White** *new colour*

GROUP 1-2 - MID FLOWERING (2 WEEKS LATER)

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma.

MAGIC™

Formerly Gp 0. Latest European breeding delivers this early flowering series. Flower form and bud colour is what the market requires today, being pointed and showing colour on the outer furled petals before opening. Vigour is proving to be exceptional in the plug. **800 Seeds/gram**

- 2022 **Blue**
- 2023 **Champagne**
- 4503 **Deep Blue**
- 4890 **Misty Pink**
- 1168 **Pink** *new colour*
- 2024 **Rose**
- 4444 **Rose Picotee**
- 2026 **White**
- 2027 **Yellow**

GROUP 0-1 - MID FLOWERING (2 WEEKS LATER)

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma.

SUPER MAGIC™

Super Magic is the sister line to "Magic". Overall quality is superior to Magic due to taller stems and higher petal count. Well suited to late Spring Summer production. **800**

Seeds/gram

- 4002 **Deep Blue**
- 2081 **Lavender Blue**
- 2082 **Lavender**

- 3640 **Peach**
- 2083 **Purple**
- 2084 **White**
- 3565 **Mix**

GROUP 2 - LATE FLOWERING (2 WEEKS LATER)

ADVANTAGE F1

Advantage is a new double flowered mid early series with nice flower shape. Excellent long and strong stem quality. The Advantage series contains 4 spectacular colours. **800**

Seeds/gram

- 4891 **Cherry Sorbet** (*formerly Super Magic*)
- 5079 **Green**
- 5080 **Purple**
- 4892 **Yellow** (*formerly Super Magic*)

VALENTINE F1

Valentine series contains the standout colour of our 2006 Trials - Valentine Violet, which has a rose shaped bud of intense blue. The series topped the bud count of all the doubles trialed. Rose flowers 2 weeks later than Violet. Height 80cm. **800 Seeds/gram**

- 4864 **Rose**
- 4865 **Violet**
- 1449 **Yellow** *new colour*

GROUP 2 - LATE FLOWERING (2 WEEKS LATER)

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma.

HELIX F1

This series kicks off with outstanding novelty colours. Lavender is a shade lighter than Echo, but extremely double. Red is a unique colour. Violet Picotee is a unique colour, Summer flowering, must be grown for Summer harvest Nov to April for best picotee markings of any variety. Height 80cm. **800 Seeds/gram**

- 4861 **Lavender**
- 1996 **Lime**
- 2319 **Pink** *new colour*
- 4862 **Red**
- 4863 **Violet Picotee**
- 2320 **White** *new colour*

GROUP 3 - LATE FLOWERING (2 WEEKS LATER)

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma.

ARENA F1

NEW

Selected for it's high quality and very double flowers on strong and sturdy stems. Large buds on the top increase the attractive character of the stems. Less sensitive to short stem length under long day conditions. Less sensitive to rosetting in plug cultivation. **800**

Seeds/gram

- 2321 **Rose**

- 2322 **White**

BOUQUET F1

NEW

SPRAY TYPE

Two complementary colours suited to the summer flowering period. Exhibits similar flowering characteristics to Valentine series, but flowering 1-2 weeks later.

- 0000 **Pink Flash**
- 0000 **Rose Pink**

CESSNA F1

NEW

Cessna is ideally suited for harvest between February and April. A group 3 variety, flowering 2 weeks after Mariachi. It is in keeping with the selection philosophy of Gem and Helix. Top Flowering. Impressive bud counts means less stems per bunch. Medium - large flower size with high petal counts. Neat flower form that presents well. Strong, stiff upper stems for reduced flower droop.

- 1146 **Blue**
- 2320 **Pink**

GROUP 1-2 - LATE FLOWERING (2 WEEKS LATER)

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma.

MARIACHI F1

Only available as Plugs

The leading double flowering Eustoma series with a good flower stem quality. Full, 7-9cm flowers have an abundance of round petals. Flowers stand upright on long, strong stems. Height 50-90cm. **800 Seeds/gram**

- 2020 **Blue** - deep blue
- 2021 **Blue Picotee** - 60% picotee, 40% white
- 4705 **Carmine**
- 2028 **Lavender**
- 2030 **Lilac Picotee** - 60% lilac, 40% white
- 2029 **Lime** - soft pastel green
- 2031 **Misty Blue** - white with frosty blue streaks
- 2032 **Misty Pink** - white with frosty pink streaks
- 2033 **Pink** - mid pink
- 2034 **Pink Picotee** - 60% picotee, 40% white
- 2041 **White** - pure white
- 2042 **Yellow** - deep creamy yellow

LISIANTHUS - Singles

E.grandiflorum (Eustoma)

Annual Plug Lead Time: 16 wks

GROUP 0 & 1 - MID FLOWERING

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma.

Cut Flowers

CAESAR

Caesar is a special, unique and remarkable variety. Flowers are concentrated around the central flower, with two flowers constantly surrounding it. This symmetric performance immediately catches your attention. Common single flowers types only have five flower petals. Caesar is genetically different, with flower heads that have six flower petals and six stamen. A unique impression is offered to the consumer when all flowers are blooming around the central main flower. **800 Seeds/gram**

4632 **Violet Summer** - dark purple **new colour**

4 wks later than Violet Winter

3599 **Violet Winter** - dark purple

GROUP 1 - MID FLOWERING

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma.

PICCOLO F1

SPRAY TYPE - SMALLER FLOWERS

A multiflora with many cup shaped 3-3.5cm width, small flowers. Piccolo is distinct for its strong petals and very stiff stems. This gives it exceptional keeping qualities and means it is less sensitive to botrytis infections throughout transit. Height 80-90cm. **800 Seeds/gram**

2058 **Blue Rim** - deep blue - early season, summer

2060 **Green**

2061 **Pastel Blue** - soft lavender blue with paler base - early season, summer

2062 **Pastel Pink** - soft pink with paler base - early season, summer

2063 **Pink**

2064 **Pink Rim**

2066 **Rose** - rich rose red - early season

2067 **White** - clean pure white - early season, summer

2068 **Yellow** - rich creamy yellow - 4-5 days later than other colours

GROUP 2 - LATE FLOWERING (2 WEEKS LATER)

Full sun plantings of cutflower Eustomas will produce shorter stems than greenhouse grown Eustoma.

FLAMENCO F1

Mid season type. Plants finish 1-2 weeks after the Heidi Series. Height 60-90cm.

800 Seeds/gram

1988 **Purple** - deep vivid purple

MATRICARIA

T. parthenium (Tanacetum)
Plug Lead Time: 10 wks

16hrs of lighting is required for flowering; supplemental lighting may be solid or cyclic. Matricarias are not sensitive to ethylene.

AMAZONE

Indent Line

The best yellow selection with excellent growth, good length and quality of leaves.

1,000 Seeds/gram

2161 **Amazone** - yellow

GOLDMOON

Indent Line

Golden yellow pompom type. Less foliage and longer stems than Golden Ball. Better suited for year round production.

1,000 Seeds/gram

2164 **Goldmoon** - golden yellow

SNOW STAR

Indent Line

Professional cut flower for year round greenhouse production. Also suitable for outdoor production. Snow Star has high quality stems. Finish time is 7-13 weeks. Flowering time is 1-2 weeks. Height 70 cm.

7,000 Seeds/gram

4745 **Snow Star** - white with a yellow centre

SPIRIT

Indent Line

Spring Spirit - spring production, selection with beautiful contrast of pure white flowers on dark green foliage.

Very suitable for early spring production. Summer Spirit - summer production, makes longer and heavier stems during summer. Therefore a GA spraying is not necessary under normal conditions. The flower is less white than Spirit. Very suitable for outdoor summer production. **1,000 Seeds/gram**

2166 **Spring Spirit** - white

2167 **Summer Spirit** - creamy white

VIRGO

Indent Line

The whitest flower with extremely dark green leaves. Virgo has erect leaves, so can be planted more densely than other varieties. Flowers are borne in clusters.

1,000 Seeds/gram

2168 **Virgo** - pure white

PHYSOSTEGIA

virginiana (Obedient Plant)
Plug Lead Time: 9 wks

CROWN

Erect plants with dense flower spikes. Strong border plant for large groups. Snow Crown is used as cutflower and can be grown as an annual. It flowers the first year when sown early and has a uniform habit.

400 Seeds/gram

2621 **Rose** - rose pink, 70cm

2620 **Snow** - white, 60cm

POPPY

P. nudicaule Papaver (Iceland Poppy)

Annual Plug Lead Time: 10 wks

AUSTRALIS

Outstanding poppy with strong stems and large flowers up to 15cm. Extremely wide colour range including bicouours, and picotee types.

8,000 Seeds/gram

2633 **Mix**

RANUNCULUS

asiaticus

Annual Plug Lead Time: 10 wks

Shipping of Ranunculus orders starts from week 12.

FRIANDINE F1

This early flowers series offers 100% double, large flowers with high and strong stems. An average of 10 stems per plant. Very good production in winter. **1,300 Seeds/gram**

2819 **Carmine**

1878 **Cream** **new colour**

1986 **Deep Pink** **new colour**

2825 **Gold** **new colour**

3643 **Lavender**

2827 **Lemon**

3644 **Mustard**

2830 **Orange**

4420 **Pastel**

2835 **Pink Picotee**

2836 **Rose Picotee** **new colour**

2843 **Violet**

2845 **White**

2847 **White Picotee**

2848 **Yellow Picotee**

2829 **Mix**

GIGA F1

NEW

New variety with huge flowers and very strong stems.

2816 **Pink**

3074 **White**

HIGHLINE F1

NEW

Flowering 1-2 weeks earlier than Friandine. Most colours are taller than Friandine. **1,300 Seeds/gram**

2822 **Orange**

3409 **Pink**

2839 **Salmon**

2841 **Scarlet**

REINETTE F1

NEW

Unique ranunculus with green centred flowers, Similar performance and characteristics to Friandine including height.

1,300 Seeds/gram

0000 **Cream**

2812 **Orange**

2354 **Rose**

2355 **White**

Cut Flowers

SOLIDAGO

Vegetative Tissue Culture
Plug Lead Time: 10 wks

PRINCESS GOLD

Princess Gold is top flowering, with good plant shape and high productivity. Same flowering speed as Tara. Flowers Spring, Summer, Autumn, Queensland - plant in Winter. Solidago flowers under long day length. Some growers get 3 years from 1 planting, mostly 2 years.

Yellow – deep yellow

- Plugs only grown in 128 trays.
- Minimum 2 trays.

Ordering:

Available **ONLY** for SHIPPING:
Aug (wk 32) to Jan (wk 4)



STATICE Sinuata

Vegetative Tissue Culture
Plug Lead Time: 16 wks

- * Plants arrive pre-cooled (Vernalised) ready to flower
- * Early to flower
- * Opens possibilities for Mothers Day flowering
- * Uniform production of high quality stems
- * Rich, vibrant colours
- * High stem count and weight
- * Less stems per bunch
- * Long life crop - upto 4 years
- * Durable bouquet filler
- * Plugs only grown in 70 Jiffy trays.
- Minimum 2 trays per colour.

Ordering:

- Allow 4 months lead time.
- Available **ONLY** for SHIPPING:
- Weeks 2, 8, 14
- # Luster Series is a Summer Statice
- Available **ONLY** for SHIPPING:
Aug (wk 37) to Sep (wk 41)

Note: Tissue Culture suppliers have a minimum order quantity. Highsun will group the orders together to achieve the supplier minimum.

SPRINT VIOLET

VERY EARLY TIMING

Violet - Less requirement for low temperatures, high productivity and requires less base fertiliser than others. Height 100-100cm.

1644 **Violet** – dark violet - most popular colour

CLEAR SNOW

NEW

EARLY TIMING

Pure white colour and good style. Sharp angled, hard strength stems. Weak to medium Botrytis Resistance. Suitable for warm. Height 95-105cm.

5273 **White** – pure white

www.highsun.com.au

CRYSTAL

EARLY TIMING

The best bright yellow available in the market. Nice clear colour, strong, even crop, fits with Jam, Million White and Earth colours. Height 85-95cm.

1566 **Yellow** – yellow

EARTH

EARLY TIMING

Earth Series has excellent stem quality. Height 100-110cm

Ocean - Stems grow straight into perfect shape. Colour comes out well. Nicer Light Blue than Earth Blue.

Pink - Calyces are big, with a high percentage of quality stems. Replaces Million Rose. Summer flowering.

1568 **Ocean** – sky blue - Early timing

1569 **Pink** – pink - Mid timing

MILLION

EARLY TIMING

Pure white colour and very good style. Good production, florets all at top of stem, good for bouquet work. Height 90-100cm.

1618 **White** – clear white

WINE ROSE

NEW

EARLY TIMING

replaces Sunset Wine

Improved production and earliness. . Height 80-90cm.

1649 **Rose** – bright rose.

SUNDAY

EARLY TIMING

Very high productivity, wide range of clean colours.

Lavender - Very high production and resistance to botrytis. Good production, unique colour. Light Blue with a hint of Pink.

1648 **Lavender** – light blue, height 95-105cm

JAM

MID TIMING

New generation series with strong colours. Growing speed of Jam is intermediate and suitable for all seasons, including summer flowering. High volume stems provide minimal waste. The shape of brush is well composed. Jam has a high resistance to Botrytis and its straight stems make cropping easy.

Blueberry - Highly productive, good volume, medium length stems. Minimal waste.

Strawberry - Colour comes out excellent. High productivity.

1594 **Blueberry** – violet, height 80-95cm

1596 **Strawberry** – dark rose, height 80-90cm

LUSTER

LATE TIMING - SUMMER FLOWERING

Luster is a Summer Statice

Available **ONLY** for SHIPPING:

Aug (wk 37) to Sep (wk 41)

Amethyst - Calyces open well, best bright and vivid violet, numerous brushes. Plants will keep producing voluminous and qualitative stems after 2nd flush. Height 1st flush 90-100cm, 2nd flush 78-85cm.

Violet - The colour is hard to fade. Big brushes. Good volume and productivity.

1608 **Amethyst** – clear blue

5270 **Violet** – purple **new colour**

STATICE - VERNALISED

L. sinuata (Limonium)

Vernalisation/Cold Treatment:

Statice can be vernalised prior to despatch to force it through an early winter. This ensures an earlier flowering season from March (depending on climatic location), compared to normal transplants flowering from May (depending on climatic location).

All annual & perennial Statice are available as vernalised plugs by request.

STATICE

L. sinuata - (Limonium)

Annual Plug Lead Time: 8 wks

SMASH VIOLET

replaces Excellent Blue

One phrase says it all, "Near Tissue Culture Quality at a seed price."

4659 **Violet**

RUSH

Rush series was developed with the grower in mind. Rush is an extra early series flowering evenly across all colours in a 4 week window. The plants grow without excess foliage allowing them to remain "open" for easier picking and disease control. Evenness of stem length and quality, results in very good productivity for an economical alternative to tissue culture varieties. **450 Seeds/gram**

2937 **Blue Shades** – contains the strongest blue from seed and light blue colours

2972 **Deep Blue** – blue

2962 **Mid Blue** – delicate sky blue

2963 **Pastel Shades** – contains pink, blue, rose and lilac

2938 **Pink Shades** – contains light pink and rose

2978 **Rose** – strong carmine rose

2940 **Violet** – deeper blue than Deep Blue **new colour**

2983 **White** – clear white

2974 **Yellow** – best yellow from seed, stems don't tangle

2976 **Mix** **new colour**

Cut Flowers

STATICE

L. suworowii (Limonium)
Plug Lead Time: 8 wks

SUWOROWII

Long, rat tail like spikes, used as fillers in fresh and dried bouquets. Height 80cm.

8,000 Clean Seeds/gram

2984 **Rose Pink** - rose pink

STATICE

L. dumosum/tataricum (Limonium, German Statice, Goniolimon)

Perennial Plug Lead Time: 12wks

WOOD CREEK

Indent Line

Sensational improvement in L. dumosum: disease tolerant, uniform plants with unusual mushroom shaped clouds of white flowers on erect stems. Height 50cm.

1,100 Seeds/gram

2986 **Wood Creek** - white

STATICE

L. latifolium (Limonium, Sea Lavender)

Perennial Plug Lead Time: 8 wks

LATIFOLIUM (FAIRY)

Widely grown, hardy perennial. Ideal for fresh market. Flowers the second year from Feb-Mar. Plant distance 40x40cm. Yield in the 3rd year 10-15 stems per plant. Glasshouse production is also possible. Height 60cm.

1,400 Clean Seeds/gram

2956 **Latifolium** - deep violet flowers

STATICE - PERENNIAL

Limonium

Perennial Plug Lead Time: 8 wks

MELLO YELLO

Valuable cutflower for fresh or dry use. Thin, but sturdy stems with masses of creamy yellow bicoloured florets, which do not shatter. Height 60-70cm. 1,000 Seeds/gram

2958 **Mello Yello** - creamy yellow

ATLANTIS

PEREZII

Best strain for cutting. Uniform selection of deep lavender blue flowers on long strong stems. For Greenhouse culture or warm climates. Height 60cm. 1,000 Seeds/gram

2936 **Atlantis** - deep lavender blue

STOCK - Non Selected

M. incana - Column Matthiola

Annual Plug Lead Time: 8 wks

DOUBLE DELIGHT

Only available in 288 Plugs

This series has all the attributes of Iron but in a double form. Over 80% doubles can be expected.

4334 **Apricot**
3048 **Blue**
4335 **Blush**
4336 **Bridal Pink**
4322 **Carmine**
2141 **Deep Yellow** new colour
0000 **Early White** new colour
4337 **Pink**
4338 **Rose**
4323 **Violet**
4339 **White**

IRON

Iron series as the name implies has strong robust stems of good marketable length and tight, highly scented flower heads in a broad colour range. Iron is early to flower in the autumn and will program for early May harvest. Iron series will give excellent quality when grown under cover or outside. Expect doubles from 60% of plants when unselected. Selection is difficult without experience. The stems are very hard and strong, the flower head is very tight between florets and the top of the flower spike does not stretch significantly reducing breakage during handling and shipping. However, if grown like other stocks Iron may produce shorter stems than other varieties. Iron Series requires special growing techniques- please refer to your Highsun Representative for these.

650 Seeds/gram

3015 **Apricot**
2174 **Blue** new colour
3017 **Cherry Blossom**
2201 **Deep Yellow** new colour
3019 **Light Pink**
3022 **Pink**
3024 **Rose**
3026 **White**
3028 **Yellow**
3021 **Mix**

TOWER

A series of extra early flowering stocks. Features the colours unavailable to the Iron series. Tower is taller and earlier by 1 week when compared to Irons. Tower fits perfectly with Noble for height and earliness.

650 Seeds/gram

3635 **Blue** - <80%
3636 **Lavender Blush** - >90%
3637 **Pink** - >80%
4325 **Rose**
1423 **White** new colour

All colours - available selected

The Tower series can be selected for doubles with experience. This is not an exact science but most colours can be selected at the cotyledon stage to produce around 80%

doubles, on average up from approximately 60% when unselected. Approximate % of doubles when selected is indicated beside the colours in each series.

TOWER PRO

NEW

Unique colours. Extra early series suits autumn production. Tall flower spikes with good quality heads. High quality seed. Timing and stem properties fit well with the Noble Series. 650 Seeds/gram

4614 **Ruby** formerly Tower Ruby

4750 **Valentine** formerly Tower Valentine

3638 **Violet** formerly Tower Violet

All colours - available selected

NOBLE (High Double)

It is an improvement over the popular Snow Wonder, with creamy Yellow making the series. Closely arranged dense flower make massive colour on a sturdy stem. 95% or more double with no selection. Suitable for plug production. Height is 80-110cm.

650 Seeds/gram

3032 **White**

3033 **Yellow**

STOCK - Non Selected

M. incana - Branching Matthiola

Annual Plug Lead Time: 8 wks

QUARTET

This scented series has strong stems and good water uptake, making it ideal for bouquets and arrangements. Height 90cm.

650 Seeds/gram

3034 **Apricot** - pastel pale salmon
3035 **Blue** - lavender blue
3036 **Cherry** - pastel soft pink
3037 **Lavender** - lavender pink
3038 **Marine** - bright light blue
3039 **Purple** - deep purple
3040 **Rose** - bright rose pink
3041 **White** - pure white
3042 **Yellow** - creamy yellow

SUNFLOWER

H. annuus Helianthus

Annual Plug Lead Time: 6 wks

CANTO

Canto is a pollen-less variety that matures in 57 days. Canto has single flowered with dark centres. Nutrition and plant density effects stem thickness and head diameter. Flowers have a true double ring of petals. Canto's petals tend to be rounded and show a slight orange tint near the centre. Plants will reach 1.7m with irrigation. 15 Seeds/gram

3650 **Canto**

LEMON RUSH

NEW

Single headed med/quick cutflower type.

Cut Flowers

Approx 60 days to flower. Eye catching lemon coloured petals surround a dark centre. Pollen free. Excellent vase life. Uniform plant type.

15 Seeds/gram

5260 **Lemon Rush** - lemon coloured petals surround a dark centre

ECLIPSE NEW

Lunar: A multi headed med/quick maturity cutflower variety. The standout feature of this variety is the vivid colour contrast it displays, with a rich red inner ring surrounded by a light lemon outer colour. It also grows to an excellent height for cutting and has an excellent vase life due to its pollen free characteristic. It displays a larger primary head which flowers first, followed by the secondary axial branching flowers which are ideal for use in bouquets and smaller bunches. 15

Seeds/gram

Solar: Days to flower approx 59. Pollen free. A single headed, quick maturity cutflower variety. It displays a striking colour contrast with it's golden yellow petals which surround an inner rich red ring. Solar Eclipse has proved to be a standout performer in the cutflower market. It grows to an ideal height for cutting and has an excellent vase life. Height is 130cm. 15

Seeds/gram

5257 **Lunar** - rich red inner ring surrounded by a light lemon outer colour.

5258 **Solar** - golden yellow petals surround an inner rich red ring

MERIDIAN NEW

Gold: replaces Solo

Medium/quick cutflower variety. Approx 57 days to flower. Long golden yellow petals, extra dark centre. Pollen less, excellent vase life. Medium height approx 120cm. 15

Seeds/gram

Yellow: replaces Vada

This has similar plant habit and flower conformation as Vada but matures 3-5 days earlier. 15

Seeds/gram

5263 **Gold** - golden yellow petals, extra dark centre

1772 **Yellow**

RACEY ORANGE NEW

Fastest series to flower. Quick cutflower type, approx 53 days to flower. Attractive oval shaped orange petals, dark centre. Pollenless. Excellent vase life. Uniform plant type. Medium height approx 120cm. 15

Seeds/gram

5261 **Racey Orange** - orange petals, dark centre

ROYAL VELVET NEW

Days to flower 66. Pollen free. Royal Velvet is a medium maturity multi-headed cutflower variety. It has an attractive deep red petal colour which makes it quite unique as an ornamental sunflower. It supports a larger

www.highsun.com.au

primary head which flowers first followed by smaller axial branching flowers. This feature gives it a longer overall flowering period which makes it great for the home gardener or commercial flower grower. Height is 150cm. 15

Seeds/gram

5262 **Royal Velvet** - deep red petal colour

SWEET WILLIAM

D. barbatus (Dianthus)

Annual **Plug Lead Time: 9 wks**

HOLLANDIA F1

Hollandia is suitable for spring and autumn flowering. It doesn't require cold. For best harvest, sow end of November for autumn flowering and following spring. Height 50cm. The Formula Mix has received a Fleuroselect Quality Star award. 1,200

Seeds/gram

3061 **Mix**

HERITAGE

This Fleuroselect Quality Mark winning Heritage series will bloom extra early and does not require low temperatures to initiate flowers. Plants have sturdy stems that make it excellent for landscaping and high density planting. Heritage can also be used for mixed containers. Height 40-50cm. 1,200

Seeds/gram

4471 **Crimson**

4472 **Purple**

4473 **Rose Eye**

4474 **White**

TRACHELIUM

coeruleum

Plug Lead Time: 12 wks

HAMER

Indent Line

Dafne - compact, tight flower umbels and dark green leaves, 70-90cm. Eris - unique colour, 70-90cm. Helios - not so sensitive to browning of the flowers. The flower umbels are remarkably compact and tight, 70-90cm. Pallas - improvement of blue umbrella, earlier to flower and more uniform umbels, 70-90cm. Pandora - pandora has dark stems. Pandora is the darkest coloured selection in this assortment. 70-90cm. 1,700

Seeds/gram

3099 **Dafne** - soft pink

3100 **Eris** - silvery blue

3101 **Helios** - pure white

3102 **Pallas** - blue

3103 **Pandora** - purple

ZINNIA - Lilliput Type

elegans

Annual **Plug Lead Time: 8 wks**

SUNBOW

Fully double flowers, 4-5cm across, reselected for floriferousness and yield per m2, upright stems. Improved lilliput. Height 60cm.

200 Seeds/gram

3238 **Extra Choice Mix**

ZINNIA

elegans

Annual **Plug Lead Time: 8 wks**

GIANT

Popular cut flower zinnia, selected for the high yield of long, thick, sturdy stems with large, fully double, magnificent blooms. Height 200-270cm. 100

Seeds/gram

4600 **Bright Pink**

4601 **Golden Yellow**

4602 **Lime**

4603 **Orange**

4604 **Purple**

4605 **Scarlet**

4606 **White**

4960 **Mix**

UPROAR™

Absolutely stunning! A garden favourite at Goldsmith's. Huge flower heads and incredible colour; this zinnia easily takes centre stage where ever it is planted. Ideal as home garden cut flower. Width 60-68cm, height 71-91cm. 100

Seeds/gram

4089 **Rose**

Table Top Plug Dislodger

As an added service to our valued customers Highsun will bring in these great value “poppers” with our next consignment of plug trays.

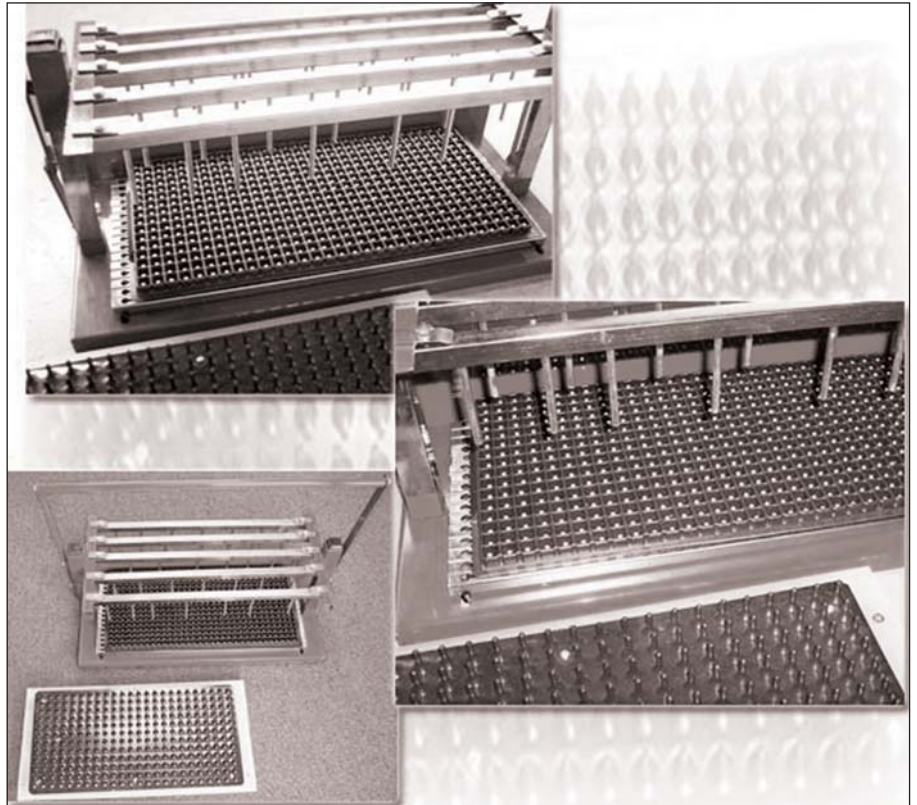
The complete machine will come with either the 512 or 288 plate – your choice. You can add an extra plate if you use both size trays.

Or you can just buy the plate only and press the plug tray over the pins by hand.

Price for complete machine - \$1300 (inc 1 plate) + GST

Extra plate \$240 + GST

Order Lead time 4-6 months.



The Econo Table Top Plug Dislodger

- Table Top convenience
- Fold and carry to anywhere
- Simple plate change to second tray
- Simple design and operation
- Plastic pin plates for 512 CE and 288 CE
- DIY steel pin plates for any tray up to 512
- Custom-made steel pin plates for almost any tray
- All steel chassis construction

The NEW ECONO Plug Dislodger, developed in Europe, easy to change to different plug trays, easy to transport, and easy on your cheque book! A unique design and heavy-duty plastic pin plates (288 CE and 512 CE only) make changing to different plug trays a snap and very inexpensive. Or have easy-change steel pin plates custom-made for any tray.

This machine is ideal for smaller growers buying in small quantities of plugs. Now plugs can be quickly and easily dislodged, preventing handling damage.

The machine quickly pays for itself.

Cut Flower - Tissue Culture

Florist Gerbera

Florist's Tissue Culture cut flowers are available in the following varieties of Gerbera:

- Standard
- Mini
- Pomponi Mini
- Deco Series
- Spider Standard
- Spider Mini

Pricing:

All pricing is per plant.

GST is not included in the per plant price, and will be added at the time of invoicing.

List Price \$2.55 per plant
For prices on larger quantities, please contact your local Sales Representative for a Quote.

Packaging, handling, freight charges and taxes are not included.

Payment is within 30 days after invoice date.

Royalty fee is included in price.
Price is for a hardened plant in a Jiffy.

Plug Sizes:

45 plugs per tray in Jiffy 7's.

Orders:

Please allow lead times from 11-14 wks.

Minimum Contract Order Plugs:

5 trays = 225 plants
Orders can consist of 5 full trays of different varieties.

Specifications:

- 45 plugs per tray (49 cell tray – 4 corner spaces empty) in Jiffy 7's
- 3 trays per carton
- 27 cartons per pallet
- 45 trays per rack

florist **Highsun** **Jiffy**

= Your Complete Gerbera Solution!

BREEDING
Florist - varieties that perform for Australian conditions
: new varieties trialed every year

YOUNG PLANTS
Highsun - plants that perform
: robust, fully hardened young plants
: grown in state of the art facilities
: grown to commercial standards

CUT FLOWERS
Jiffy - Coir Propagation & Coco Disc
: propagated in Jiffy 7C coir pellets
: superior air to water ratio for better root development
: proven in Australia for establishment in coir growing media
: coir meets the RHP standards of Netherlands - www.rhp.nl

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Ron Sheldrick NSW / QLD / NT
WA - Cut Flowers & Proptec™
P/F: 02 4363 1366
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E: rons@highsun.com.au

Freight:

Plants will be despatched in especially made cartons. Pricing is the same as for our other Cut Flower lines, we have a price per plug for delivery to all Metropolitan areas. Country areas please call for a quote.

If you have any queries or questions on Florist Gerbera's please call your State Sales Manager.

Catalogues:

The Florist Cut Flower catalogue is mailed out in March each year. The catalogue can be downloaded directly from www.gerbera.com

Highsun's Florist Gerbera Order Form can be downloaded from <http://www.highsun.com.au/pages/catalogues.htm>

Seed - Growing Guide

Species	Variety	Sowing Period	Germ Temp °C	Cover	Days to Germ
AMARANTHUS cruentus	Arabian Series	Oct - Jan	20-22	Medium	7-14
AMMI majus (Queen Annes Lace)	Graceland	Aug - Dec	16-18	Medium	14-21
AMMI visnaga (Queen Annes Lace)	Casablanca				
ANEMONE	Marianne Series	Feb - Apr	12-16		
ANTIRRHINUM GROUP 1 & 2 (Winter Forcing)	Overture Series	Mar - May	18-20	Medium	4-7
ANTIRRHINUM GROUP 2 & 3 (Aut & Spr Forcing)	Chantilly, Sunshine	Mar - Sep	18-20	Medium	4-7
ANTIRRHINUM GROUP 3 & 4 (Summer Forcing)	Opus	July - Feb	18-20	Medium	4-7
ANTIRRHINUM GROUP 2 & 3	Rocket Series	Mar - Sep	18-20	Medium	4-7
ASTER C.chinensis (Callistephus)	All Varieties Listed	July - Feb	18-20	No	10-14
BELLS OF IRELAND M.leavis (Molucella)	Irish Green Bell	Feb-May, Jul-Oct	20	Medium	21
CALENDULA officinalis	Prince Series, Nakayasu	Jan - May	16	Medium	7-14
CAMPANULA medium (Canterbury Bells)	Champion	Feb - Aug	18-20	Medium	10-14
CAMPANULA rapunculus	Heavenly Blue	Feb - Aug	18-20	Medium	10-14
CAPSIUM annuum	Conical, Short	Jun - Oct	24	Medium	10-14
CELOSIA argentia x hybrid	Starwars	Oct-Jan	24	Medium	4-7
CELOSIA argentia cristata (Cockscomb)	Bombay, Chief, Kurume	Oct-Jan	24	Medium	4-7
CELOSIA plumosa (feather type)	Century Mix, Duran, Lime Spires	Aug - Jan	24	Medium	4-7
CELOSIA spicata	Flamingo Series, Parfait	Aug - Jan	24	Medium	4-7
COSMOS bipinnatus Tetra	Versailles Mix, Sensation	Aug - Jan	20-22	No	4-7
DELPHINIUM x belladonna	All Varieties Listed	Feb - Sept	16-18	No	14-21
DELPHINIUM x elatum	Magic Fountains, Aurora, Triton	Feb - Sept	16-18	No	14-21
DELPHINIUM x cultorum x hybrida	Pacific Giants	Feb - Sept	16-18	No	14-21
FEOXGLOVE D.purpurea (Digitalis)	Debutante	Feb - Jun	18-21	No	4-7
FREESIA	Royal Champion Series (single)	Feb - May	16	Yes	21-30
GERBERA	Melody Mix	Jun - Dec	20-22	No	4-7
GOETIA grandiflora	Grace Series	Feb - Jun	18-20	Yes	8-12
GOMPHRENA globosa (Globe Amaranth)	Audray	July - Jan	22-24	Yes	14-25
GOMPHRENA haageana (Globe Amaranth)	QIS Series	July - Jan	22-24	Yes	14-25
HELICHRYSUM bracteatum (Strawflower)	Sultane Mix	Aug - Jan	21-24	Medium	14-21
HIBISCUS H. sabdariffa (Rosella)	Cocktail Red	Aug - Nov	22	Yes	10-14
KALE	Crane	Feb - July	20-25	Yes	4-5
LARKSPUR D. consolida (Delphinium)	Sublime	Feb - July	15-18	Medium	10-20
	Sydney	Feb - July	21-24	Medium	10-20
LIATRIS spicata (Blazing Star)	Floristan	Jan - April	18-21	Yes	21-28
LILIUM longiflorum	Raizan, Totem	Jun - Dec	18	Medium	14-20
LISIANTHUS - Doubles Group 0 - Early Flowering	Borealis	Feb - Jun	22-24	No	14-20
refer to Transplant Group 1 - Mid Flowering	Gem, Echo, Bridal, Super Magic, Magic	Feb-Mar; Jun-Oct	22-24	No	14-20
& Flowering Guide Group 2 - Late Flowering	Mariachi, Helix, Advantage, Valentine	Jun - Dec	22-24	No	14-20
Group 3 - Late Flowering	Arena, Bouquet, Cessna	Aug - Oct	22-24	No	14-20
LISIANTHUS Singles Group 1 - Mid Flowering	Piccolo 1, Caesar	Feb-Mar; Jun-Oct	22-24	No	14-20
Group 2 - Late Flowering	Flamenco	Jun - Dec	22-24	No	14-20
MATRICARIA T. parthenium (Tanacetum)	Spring Spirit	June - July	15-20	No	7-10
	Summer Spirit	Aug - Oct	15-20	No	7-10
	All Remaining Varieties Listed	Jan - Dec	15-20	No	7-10
NIGELLA damascena (Love in a Mist)	Miss Jekyll, Persian Jewels	Jan - Dec	18-21	No	7-14
PHYSOSTEGIA virginiana	Crown	Jan-April	18-21	No	7-14
POPPY (P.nudicaule) Papaver (Iceland Poppy)	Australis Mix	Jan - May	18-22	Yes	7-12
RANUNCULUS asiaticus	Friandine, Highline, Giga, Reinette	Dec - April	10-15	No	15-20
STATICE L.sinuata (Limonium)	All Varieties Listed	Feb - Jun, Aug-Oct	15-18	No	10-14
STATICE L.suworowii (Limonium)	Suworowii	Feb - Jun, Aug-Oct	18-20	No	10-20
STATICE (perennial)	All Varieties Listed	Feb - Jun, Aug-Oct	18-20	No	10-20
STATICE (Limonium) (perennial) Perezii	Atlantis	Feb - Jun, Aug-Oct	18-20	No	10-20
STOCK M.incana (Mathiola) (column - Non Selected)	All Varieties Listed	Jan - Jun	18-20	No	10-14
SUNFLOWER H.annus (Helianthus)	All Varieties Listed		18	Medium	7
SWEET WILLIAM D.barbatus (Dianthus)	Hollandia Heritage	Nov - April	15-20	Yes	14-20
TRACHELIUM coeruleum	Hamer	Aug-Nov	15-20	No	14
ZINNIA elegans	All Varieties Listed	Aug - Dec	20-22	Yes	14

Disclaimer: "Significant variations in seed, variety and crop performance, in results and in crop outcomes may occur depending upon geographic location, climate, soil type, soil conditions, cultural and management practices and other growth and development factors. Any cultural and descriptive information or other advice, recommendation, information, assistance or service provided by Highsun Express is intended as a general guide only and should not be relied upon and is provided without liability or responsibility (including for negligence) on the part of Highsun Express. It is recommended that in all cases a small scale trial production is undertaken in order to test local conditions and circumstances that may affect the crop."

Seed - Growing Guide

Optimum Growth Temp °C	Production Weeks		Plants/m2		Suitable Fresh	Suitable Dry	Notes
	Direct Sow	After Transplant	Greenhouse	Field			
18-25	n/a	12-16	n/a	45			
16	3mths	10-17	n/a	20-40	Y		
7-18	n/a	10-11	72	n/a	Y		
7-18	n/a	10-11	72	n/a	Y		
15-20	n/a	9-10	64	n/a	Y		
7-18	n/a	10-11	72	n/a	Y		
12-24	12	10-14	64	64	Y		
15-25	14-18	18-22	64	64	Y	Y	
12-18	12	8-10	n/a	8-10	Y		
12-15	10-12	12-16	32	32	Y		
12-15	10-12	12-16	24-32	24-32	Y		
25	n/a				Y	Y	
18-20	11-16	8-12	64	n/a	Y	Y	
18-25	11-13	12-16	64	n/a	Y	Y	
18-25	11-13	12-16	n/a	45	Y	Y	
18-25	12-16	8-12	n/a	45	Y	Y	
18-25	9-11	6-9	n/a	64	Y		
10-18	18-22	14-16	64	32	Y	Y	
10-18	18-22	14-16	64	32	Y	Y	
10-18	18-22	14-16	64	32	Y	Y	
8-16	20-26	16-20	32-40	32	Y		
12-15	18-22	12-16	200-300	n/a	Y		
12-25	20	12	-	n/a	Y		
14-20	n/a	10-14	64 *	n/a	Y		* 6 plants/m2 if pinched
15-24	18-20	12-14	64	32	Y	Y	
15-24	18-20	12-14	64	32	Y	Y	
18-25	9-12	6-9	N/A	32	Y	Y	
15-25	n/a	12-15	n/a	6	Y		
8-16	20-24	16-20	32-49	N/A	Y		head size depends on spacing
12-18	14-20	12-18	64	64	Y	Y	
12-18	n/a	9-13	64	64	Y	Y	
15-25	n/a	9-12	72	36	Y		
25	n/a				Y		
25	n/a	13-20	64	n/a	Y		(Eustoma) Full sun plantings of cutflower Lisianthus will produce shorter stems than greenhouse grown Lisianthus
25	n/a	13-20	64	n/a	Y		
25	n/a	13-20	64	n/a	Y		
25	n/a	14-18	64	n/a	Y		
25	n/a	13-20	64	n/a	Y		
25	n/a	13-20	64	n/a	Y		
25	n/a	13-20	64	n/a	Y		
16-20	n/a	8-15	80	64	Y		
16-20	n/a	8-15	64	64	Y		
16-20	n/a	8-15	64	64	Y		
15-17	9-12	n/a	n/a	45	Y		
15-21	6-12	8-14	n/a	9-12	Y		
13-18	n/a	10-16	n/a	Y			
7-18	n/a	16-20	20-40	n/a	Y		
12-15	16	8-12	12	9	Y	Y	
13-18	n/a	24-48	12	9	Y	Y	
13-18	n/a	24-48	12	9	Y	Y	
13-18	24-48	18-48	12	9	Y	Y	
12-15	12-18	10-14	64	64	Y		
15-25	9			32-64	Y		
15-20	n/a	8-10	49	49	Y		
13-18	n/a	12-16	64	32	Y		
12-18	6-8	4-6	n/a	12	Y		

Disclaimer: "Significant variations in seed, variety and crop performance, in results and in crop outcomes may occur depending upon geographic location, climate, soil type, soil conditions, cultural and management practices and other growth and development factors. Any cultural and descriptive information or other advice, recommendation, information, assistance or service provided by Highsun Express is intended as a general guide only and should not be relied upon and is provided without liability or responsibility (including for negligence) on the part of Highsun Express. It is recommended that in all cases a small scale trial production is undertaken in order to test local conditions and circumstances that may affect the crop."

Plugs - Shipping Information

Highsun orders are packed in brand new, specially manufactured, white coloured, sun-reflecting cartons with effective ventilation holes and special inserts to ensure that the plug trays stay secure during transit.

Plug prices quoted in this catalogue include packaging but not the freight. For Tasmania and the metropolitan areas of Brisbane, Sydney, Melbourne, Adelaide and Perth a freight charge per plug applies, shown separately on the invoice.

A door-to-door transport/delivery system is in place for Tasmania and the metropolitan areas of Sydney, Melbourne, Adelaide and Perth. Customers beyond the metropolitan delivery service in the Perth area will be asked to indicate their preferred transport-courier operator from Perth to final destination for which the charges will be collected COD.

All our consignments are insured against damage caused by transport and related accidents. This insurance however does not cover any undesirable growth deficiencies of plugs caused by delays during transport, rendering them unsuitable for further cultivation as a result, as such an insurance cover is not available.

Plugs - Freight Obligations

Customer Responsibilities:

- ☞ Respond within 24 hours to the call from the transport company to pick up the goods. It is a good precaution to contact the transport company if you have not heard from them within 48 hours of stock having left our company.
- ☞ Receive shipment and sign for it;
- ☞ Inspect shipment in carriers presence;

☞ If damage is evident, contact Highsun Express Plugs within 24 hours

Highsun Express Responsibilities:

- ☞ Highsun Express will notify you the day the goods leave the nursery;
- ☞ Your plants will be packaged to the best of our ability to withstand handling and movement on the regular transport routes to all major centres in Australia.

Plugs - Interstate Inspections

General

Highsun Express plugs is a Nursery Industry Association of Australia(NGIA) accredited nursery. To comply with the strict requirements for movement of plant material interstate, we have made a policy of implementing a complete pest and disease monitoring system throughout the entire nursery. This system conforms with the very strict WFT protocol for export to Tasmania and involves fortnightly inspections and regular trap monitoring.

Every Monday morning Queensland Department of Primary Industries carry out a visual inspection to ensure we comply with all Regulations. This enables us to export our products to all states in Australia.

All inspection charges are currently being met by Highsun Express Plugs as long as orders and delivery arrangements are finalised for the coming shipment week by noon the Friday afternoon prior to despatch.

Fire Ants

Highsun complies with all Fire Ant regulations and employs a strict Risk Management Strategy to prevent any potential Fire Ant problems. Highsun is accredited to send plants to all states in Australia.

Surplus Plants

Highsun predominantly grows plugs to contract order but often have surplus stock available. The surplus Stock List is published on a Thursday for delivery of plants the following week, while the Inventory List is published on a Monday and forecasts surplus plants potentially available for despatch in 2-3 weeks time.

Please note that all stock is allocated on a first in, first served basis so please order early to avoid disappointment.

You can receive the Inventory and/or Retail Lists by weekly email or fax. Please access the lists directly from our website www.highsun.com.au or contact Customer Service to be placed on an automated list.

Cultural Notes

A library of cultural information has been collated and is now available in *Adobe Acrobat pdf* format on our website - www.highsun.com.au. If you don't have access to the web please contact Customer Service by phone 1300 13 7584, (free fax) 1800 644 015 or email info@highsun.com.au to receive cultural information.

Ordering Contract Plugs

Thank you for placing your plug order with us. We take great pride in producing top quality plugs to suit your requirements. We understand for many, purchasing plugs is a whole new experience, therefore we aim to make this procedure as simple and accurate as possible for you. Please read the information below so that you have an understanding of the Ordering Process.

1. Placing a Contract Order.

All orders are required in writing, where possible by email info@highsun.com.au or free fax 1800 644 015 before Seeding can proceed, as it is important we clearly understand your requirements.

Verbal orders and changes to existing orders will require written confirmation. We encourage Contract Orders to be placed at least 4 weeks before Seeding Date to ensure seed supply.

2. Order Confirmation.

The Order Confirmation form is an important document. After entering your order into our system, an Order Confirmation will be forwarded to you, please retain it for your records. **This is confirmation that we have correctly entered your order.**

It is the customers responsibility to read the Order Confirmation carefully, checking that the variety, colour, quantity and expected due date/s are correct. Please read the Terms & Conditions of Sale on the back of the Order Confirmation.

If you do not receive an Order Confirmation within 10 days of placing your order, **your order is not in our system.** therefore you should contact us. Your payment terms and value of the order, will be recorded on the Order Confirmation.

3. Order Timing.

Please allow a growing time of 6 – 12 weeks for most crops. Up to 16 weeks for spring deliveries of lisianthus is sometimes required.

The expected due date on the order confirmation is accurately given for normal weather conditions. Unseasonal heat or cold can vary that date by up to 2 weeks for longer term crops.

It is our policy to attempt to give you an advanced warning of any major variance to the expected date.

Orders placed for ASAP will not be seeded until the following week and then **only if the seed is available.**

Please note abnormal weather conditions may affect the expected due date.

4. Order Tracking.

Your plants will be checked regularly during their time with us. Scouts with the use of hand held scanners will check point the status of the plants back to our Production Team.

You will be notified by Customer Service of any variations to your order.

5. Despatch.

You will be notified the week prior (Thursday or Friday) to the despatch of your plants. If you would like to receive full cartons, you can order excess stock at this time.

Depending on the tray size, the average carton will hold 4 to 8 trays. (4 x 72, 4-5 x 128, 6-7 x 288, 6-7 x 384 or 7-8 x 512).

Customers on Prepaid terms will be sent a payment form. Payment will need to be finalised by 12 noon the day prior to despatch. Consignment details are available by request.

6. Holding Plants.

Not a preferred option, however we offer it as a last resort, IF SPACE PERMITS IN OUR NURSERY.

Due to the nature of plugs we cannot guarantee the plants will remain at our normal shipping standard, as shown in the catalogue.

No credits for oversize and subsequent problems will be given for plants that are held in our nursery beyond the original shipping date, as we accept no responsibility for the quality of held plants.

7. Indent Seed.

Indent items require an additional 4 weeks lead time to allow for seed to be sourced.

8. Cancellations / Variations to Orders.

You may cancel prior to the seed date only if the seed has NOT been purchased and only with the consent of the seller. Under no circumstances will cancellations be permitted after the seed date, as listed in the "Order Confirmation" has passed. An invoice will be raised for the amount as shown on the "Order Confirmation", once your plants are ready. ALL CHANGES / CANCELLATIONS MUST BE IN WRITING.

By customer request, Highsun will endeavour to "On Sell" plants on the customers behalf. The customer will incur an "administrative fee" of 15% of all goods on sold for this service.

Any variations to your Order must be received in writing, prior to us purchasing the seed. Contact our office to confirm any variations to your order.



PROPTECTM

Terms & Conditions of Sale

Terms of Payment

- Strictly 7 or 30 days from date of invoice depending on account approval.
- New customers are prepaid.
- Accept payment via Electronic Funds Transfer, Cash or Cheque.
- Visa and Mastercard acceptable for COD orders.
- Accounts paid by Credit Cards attract a 2% Merchant Fee.

Ordering Propagation Supplies (PS):

- Orders to be placed in writing.
- Email info@proptec.com.au
- Free fax 1800 644 015
- Some Jiffy products allow a 6 week lead time.

- 15% deposit required from non inventoried items.

Cancellation:

- Must be in writing.
- Will not be accepted on imported items once manufacture commences.

Delivery & Transport:

- Local Brisbane metro.
- Country and interstate will be delivered by transport of customers choice.
- The risk in the goods purchased shall pass to the Buyer immediately upon the goods leaving PropTec premises.

Pickup:

- Goods can be picked up from PropTec with a minimum 24 hours notice, weekdays.

Product Claims:

- Recommended you use Jiffy 7C's within 6 months of delivery.
- All Jiffy products must be stored in a dry location.
- Claims must be made within 7 days of date of invoice.

Prices:

- Do not include GST
- May vary from catalogue due to currency fluctuation.

Terms & Conditions of Sale

Ordering:

Place all orders in writing, where possible order by email info@highsun.com.au or free fax 1800 644 015, stating product tray size, quantity and date required. A two week lead time from placement of order to seeding is required to ensure timely scheduling and planting of your order. You may change your order (in writing) up to the time of seed purchase.

Minimum Seed Order Quantity:

The sum of the individual items must be equal to or greater than \$50 nett. Individual varieties are offered as a minimum nett \$15. Where the quantity ordered does not meet the minimum required, Highsun Express reserves the right to supply and charge for a greater quantity to meet the minimum stated.

Deposits Confirmation:

In some cases, deposits will be required. e.g. custom seeding, new customers and large orders. Upon processing of your order, an "Order Confirmation" will be forwarded. Orders should not be taken as accepted unless an "Order Confirmation" is received, whereupon the terms and conditions of trade shall be deemed to have been accepted and understood. All information you will need when making an inquiry into an existing order will be found on the Order Confirmation. Due date is approximate only. Please allow for this when ordering.

Order Cancellation:

You may cancel prior to the seed date only if the seed has NOT been purchased and only with the consent of the seller. Under no circumstances will cancellations be permitted after the seed date, as listed in the "Order Confirmation" has passed. An invoice will be raised for the amount as shown on the "Order Confirmation", once your plants are ready. ALL CHANGES / CANCELLATIONS MUST BE IN WRITING.

By customer request, Highsun will endeavour to "On Sell" plants on the customers behalf. The customer will incur an "administrative fee" of 15% of all goods on sold for this service.

Substitutions:

Substitution could occur in the event of seed supply problems, UNLESS WE ARE ADVISED OTHERWISE.

Shipping Information:

Freight is added to the invoice. We arrange shipment by air, road or rail. In some cases the customer is required to arrange pickup from the airport/depot to nursery. All shipments go forth at customer's risk.

Seed Shipping Information:

Orders under \$300, freight will be added to the invoice. We will arrange shipment via Toll Group or Express Post. All shipments go forth at customer's risk.

Seed Freight Liability:

Highsun Express accepts no responsibility for damage or delay following delivery to the original carrier. We will however, claim on the customers' behalf, the cost value of the damaged goods, provided Insurance has been taken out.

Customers Responsibilities:

Respond within 24 hours to the call from the transport company to pick up the goods. It is a good precaution to contact the transport company if you have not heard from them within 48 hours of stock having left our company. In the event of a missing consignment, 1st contact should be made to your receiving depot, advising them of the consignment note number and date the goods left the nursery. Receive shipment and sign for it. Inspect shipment in carrier's presence; If damage is evident, contact Highsun Express within 24 hours.

Highsun Express Responsibilities:

Your plants, seeds and propagation supplies will be packaged to the best of our ability to withstand handling and movements on regular transport routes to all major centres in Australia.

Property & Risk:

Property in and title to the goods shall remain with Highsun Express which reserves the right to dispose of the goods until such time that all moneys owing by the Buyer to Highsun Express from time to time and at any time have been paid in full. The risk in the goods purchased shall, unless otherwise agreed in writing, pass to the Buyer immediately upon the goods leaving Highsun Express premises.

Pick Up:

Orders may be picked up if you prefer. Please allow 24 hours lead-time.

Pick Up hours are:

9 a.m. - 4 p.m. Monday to Thursday. 9 a.m. - 12 noon Friday. Closed Weekends & Public Holidays. To ensure optimum plant quality, orders MUST be picked up on the day agreed upon by the customer.

Holding Stock Past Due Date:

We can only hold plants if space permits. Due to the nature of our plants we cannot guarantee the plants will remain at our normal shipping standard. No credits for oversize and subsequent problems will be given for plants that are held in our nursery beyond the original shipping date, as we accept no responsibility for the quality of held plants.

Payment:

All new customers' orders are to be Prepaid, before the goods leave the nursery. A payment form will be faxed to you prior to dispatch. Payment can be made by:

- Direct Deposit to our Bank Account (please fax through receipt of Bank Deposit)
- Credit Card:- Visa, MasterCard, Bankcard, American Express
- Cheque or Cash

Payment is to be received by us, by 12 noon the day before dispatch. Customers will remain on Prepaid trading terms until an application for credit is approved. Highsun Express will require an original completed, signed and approved Credit Application form, before a credit account is opened. A 2% fee applies to 30 day accounts paid by Credit Card.

Terms For Approved Customers:

Net 7 days or 30 days from date of invoice. After 90 days outstanding, credit will be stopped. Interest may be charged on accounts over 90 days, at 1.5% per month.

Product Claims:

Customer Service must be called within 48 hours of receipt, if claim is to be honoured by Highsun Express. If you are not satisfied with the product/s and would like to request a credit, photos of the products must be emailed to info@highsun.com.au or posted Atten: Customer Service, with complete details of the claim. Short count claims must be made within 48 hours of receipt of plants. Before you call, please check:-

- be sure you receive the number of plants you were invoiced for
- time goods left our nursery and time you received them.

Limit Of Liability:

Highsun Express states and the customer acknowledges that any variety or descriptive information furnished in relation to the seed or seedlings (plugs), is based upon information received from the seed breeders or distributors, and is provided as a guide only. The customer accepts responsibility in relation to any delays in accepting the seeds or plants ordered and recognises that significant variations may occur in the particular plants due to geographic location, climate, soil type, soil conditions, cultural management practices and other growth factors. No liability will be accepted by Highsun Express or its Directors for any inaccuracy in the information provided. Highsun Express gives no further warranty, express or implied, and all other or further warranties, including any warranties of merchantability or fitness for a particular purpose are excluded. We shall not be responsible for loss of any product, profit or any other indirect special or consequential damages. Any mis-labelled product is subject to our limit of liability i.e. to the extent of the purchase price.

Prices:

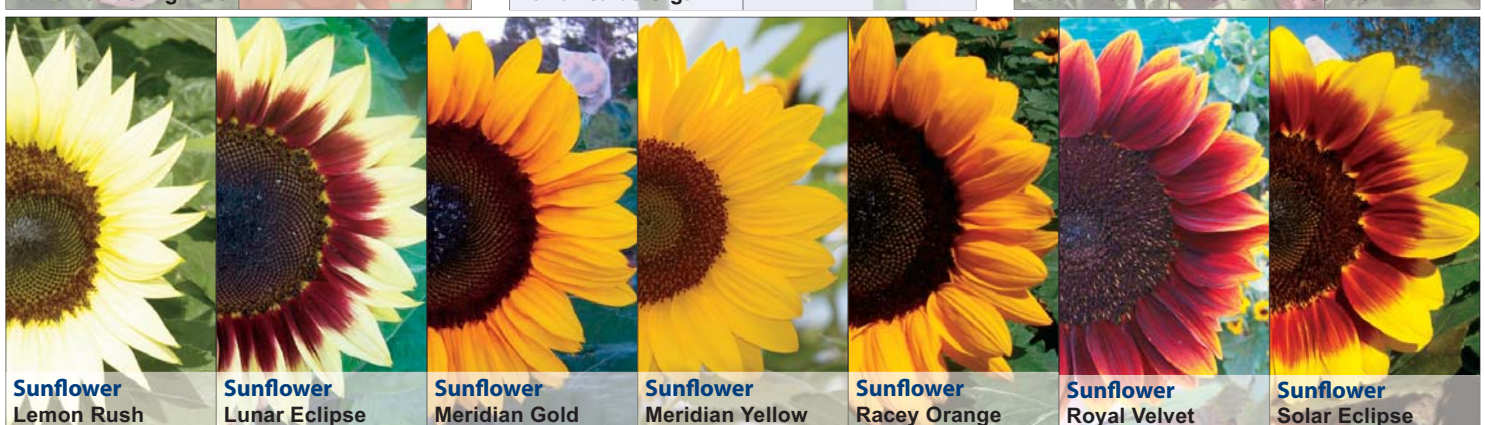
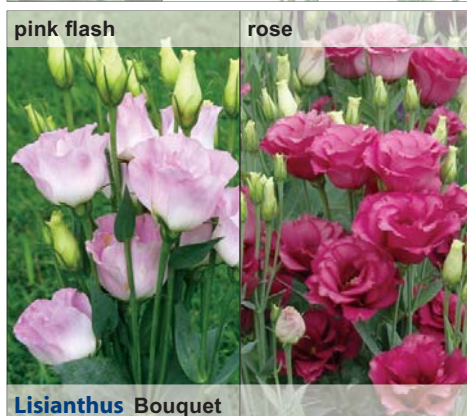
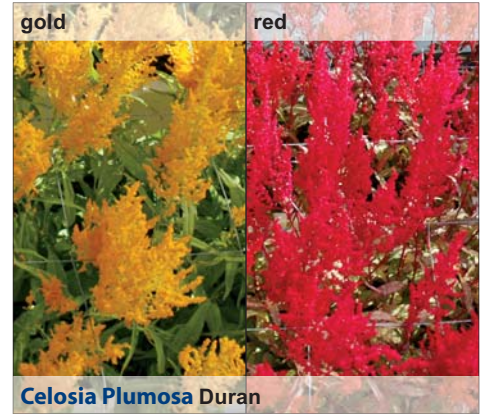
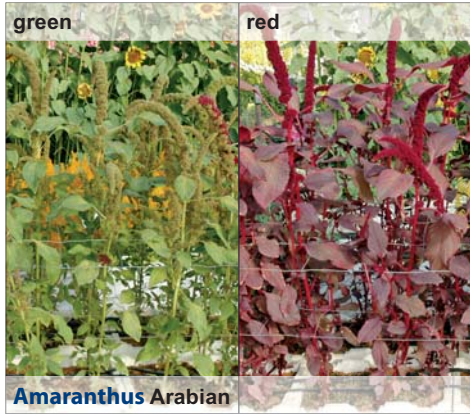
Prices shown in the catalogue of Highsun Express may be varied without notice to the customer at any time. Highsun Express reserves the right to correct errors on invoices. Prices quoted in our catalogue do not include GST.

Vegetative Products:

Customers who have purchased or will purchase any vegetative cuttings from Highsun Express will only use said plants for cut flower or pot production and shall refrain from any type of propagation of these plants. Propagation shall mean to increase or reproduce the supplied plants. Highsun Express can commence legal proceedings against offenders of this provision for damages and costs.

Every endeavour will be made by Highsun Express at all times to ensure that plants are propagated from reliable stock to accepted industry standards of quality and performance.

New Varieties / Colours



Highsun Express Calendar

2009

October							November							December											
M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk		
				1	2	3	4	40							1	44			1	2	3	4	5	6	49
5	6	7	8	9	10	11	41	2	3	4	5	6	7	8	45	7	8	9	10	11	12	13	50		
12	13	14	15	16	17	18	42	9	10	11	12	13	14	15	46	14	15	16	17	18	19	20	51		
19	20	21	22	23	24	25	43	16	17	18	19	20	21	22	47	21	22	23	24	25	26	27	52		
26	27	28	29	30	31		44	23	24	25	26	27	28	29	48	28	29	30	31				53		
									30							49									

2010

January							February							March										
M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk	
					1	2	3	53	1	2	3	4	5	6	7	5	1	2	3	4	5	6	7	9
4	5	6	7	8	9	10	1	8	9	10	11	12	13	14	6	8	9	10	11	12	13	14	10	
11	12	13	14	15	16	17	2	15	16	17	18	19	20	21	7	15	16	17	18	19	20	21	11	
18	19	20	21	22	23	24	3	22	23	24	25	26	27	28	8	22	23	24	25	26	27	28	12	
25	26	27	28	29	30	31	4									29	30	31					13	

April							May							June											
M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk		
				1	2	3	4	13						1	2	17			1	2	3	4	5	6	22
5	6	7	8	9	10	11	14	3	4	5	6	7	8	9	18	7	8	9	10	11	12	13	23		
12	13	14	15	16	17	18	15	10	11	12	13	14	15	16	19	14	15	16	17	18	19	20	24		
19	20	21	22	23	24	25	16	17	18	19	20	21	22	23	20	21	22	23	24	25	26	27	25		
26	27	28	29	30			17	24	25	26	27	28	29	30	21	28	29	30					26		
									31							22									

July							August							September											
M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk		
				1	2	3	4	26							1	30			1	2	3	4	5	35	
5	6	7	8	9	10	11	27	2	3	4	5	6	7	8	31	6	7	8	9	10	11	12	36		
12	13	14	15	16	17	18	28	9	10	11	12	13	14	15	32	13	14	15	16	17	18	19	37		
19	20	21	22	23	24	25	29	16	17	18	19	20	21	22	33	20	21	22	23	24	25	26	38		
26	27	28	29	30	31		30	23	24	25	26	27	28	29	34	27	28	29	30				39		
									30	31						35									

October							November							December										
M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk	
					1	2	3	39	1	2	3	4	5	6	7	44			1	2	3	4	5	48
4	5	6	7	8	9	10	40	8	9	10	11	12	13	14	45	6	7	8	9	10	11	12	49	
11	12	13	14	15	16	17	41	15	16	17	18	19	20	21	46	13	14	15	16	17	18	19	50	
18	19	20	21	22	23	24	42	22	23	24	25	26	27	28	47	20	21	22	23	24	25	26	51	
25	26	27	28	29	30	31	43	29	30						48	27	28	29	30	31			52	

2011

January							February							March											
M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk	M	T	W	T	F	S	S	Wk		
					1	2	52			1	2	3	4	5	6	5			1	2	3	4	5	6	9
3	4	5	6	7	8	9	1	7	8	9	10	11	12	13	6	7	8	9	10	11	12	13	10		
10	11	12	13	14	15	16	2	14	15	16	17	18	19	20	7	14	15	16	17	18	19	20	11		
17	18	19	20	21	22	23	3	21	22	23	24	25	26	27	8	21	22	23	24	25	26	27	12		
24	25	26	27	28	29	30	4	28							9	28	29	30	31				13		
31							5																		

Customer Service
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 E: info@highsun.com.au
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