



Solidago

Available in Plugs & Seed unless otherwise listed

Cut Flower varieties 2009

www.highsun.com.au

Highsun Express


Solidago - Tissue Culture

Princess Gold

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.

ONLY Available for Shipping from Aug (wk 32) to Jan (wk 4)

- Plugs only grown in 128  trays.
- \$0.99c per plant (incl royalty)
- Minimum 2 trays.

- same flowering speed as Tara
- deep yellow colour
- good plant shape
- top flowering
- flowers Spring, Summer, Autumn
- Queensland - plant in Winter
- high productivity
- tall



0000 yellow

*Vegetative
A Grower's
Licence
Agreement
is Required.*



Customer Service

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Cultural Information

Solidago is originally from Asia, North America and Europe and very hardy against heat and cold.

Solidago keeps producing flower stalks with temperature over 10°C and day length over 16 hours.

Planting: February + Light

1st Harvest: May - June and cut-back + Light

2nd Harvest: September - October and cut-back + Light

3rd Harvest: January and replanting

The stem height would be shorter in summer time under the hot condition.

Solidago stays rosette when minimum temperature and day length are less than 15°C and 12 hours accordingly. The following information is available:

Minimum Temperature	Day Length	Rosette %
10°C	12 hours	50%
10°C	14 hours	0%

The influence of day length over the rosette formation is stronger than the influence of cold temperatures. With the usage of lighting and heating, a program of year round production is possible. Already mentioned above, the application of lighting and heating (temperature over 10°C and light 16 hours) after pruning back the plants, Solidago keeps producing flower stalks. When the stalks reach to 30-40cm or your target stem length, stop lighting and then Solidago grows generative and forms its flowers.

Condition	Full sun, well drained soil
Planting	20-25cm x 20-25cm or 16-24 plants per net m ²
Netting	1 or 2 layer(s) of 20-25cm netting for support
Pinching	3-4 weeks after planting by leaving 4-5 pair of leaves
Shoots Elimination	Leave 3-5 good shoots to grow by eliminating thin and small shoots. Especially under light controlled cultivation, this is important to harvest uniform stems.
Temperature	12°C night and 25°C daytime
Fertilizer	Organic manure 100 kg / 100m ² N:P:K 1.0-1.5 kg each /100m ² Apply additional liquid fertilizer by observing growth.
Watering	Frequent watering is necessary after planting to establish plants. Reduce watering when flower buds appear for rigid stems. Excess watering at the last stage may cause vegetative side shoot growth.
Lighting	Start 20-30 days after finishing shoots selection or elimination. 16 hours or 4 hours night break (ex. pm 10:00-pm 2:00) Illumination over 20 lux (ex. 75W every 3.5 meter)
Post Harvest	Pre-treatment product for bactericide will increase vase life. The application is recommended for the quality cut flower.
Diseases	Powdery mildew, Downey mildew
Pests	Leaf miner, White fly, Thripfly, Spider mites

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."



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