



Golden Princess Solidago - Cut Flower

www.highsun.com.au Ph: 1300 137 584 Fax: 1800 644 015 Available as 128 Papertec Plugs

- available in 128 Papertec trays
- same flowering speed as Tara
- deep yellow colour
- good plant shape
- top flowering
- flowers Spring, Summer, Autumn
- Queensland - plant in Winter
- \$0.99c per plant (*incl royalty*)
- high productivity
- tall



Vegetative
A Grower's
Licence
Agreement
is Required.

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



- Solidago flowers under long day length, so sampling can continue until February when growers generally plant their last crops until the following spring
- Some growers get 3 years from 1 planting, mostly 2 years



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Cultural Information

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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