

## SENETTI® Cultivation Information

**Use:** Outdoor patio, bedding plant and hanging baskets

**Growth Characteristics:** All SENETTI® are upright and bushy in habit.

**Flowering Characteristics:** Numerous quantities of large flowers up to 2.5 inches in size, from early spring until summer. After flowering has finished cut back the plant height by 50% and re-flowering will occur in 3-4 weeks.

**Plant Shapes:** Excellent branching with good vigour, no need for a support system.

**Cultivation Timing:** Growing Temperature 40°F

Growing Temperature	40°F	50-55°F
< Pot Week >	45 47 49 51 04 07 09	47 49 51 04 07 09
< Flower Week >	10 12 13 14 16 17 17	11 12 13 14 16 17

**Potting Soil:** Should be well drained with a pH of 5.6

**Climate:** Production is ideal in a cool and airy 35-40°F. This will produce a tough toned finished plant with very little problems with pest or diseases. Ventilation should be used when temperatures reach 48-50°F and humidity should be kept low.

**Light:** SENETTI® is a day neutral plant. In periods of long days and high light, shade will be required to the level of 40-60% over the crop. This is likely to be at the time of crop maturity, or early fall season when the plants are newly potted. Light levels of 4500 foot candles are ideal.

**Watering:** Water using a drip system or ebb and flood if available and ensure that the floor remains as dry as possible to keep the humidity low. If overhead watering is necessary, water early in the day and on bright days if possible. Thorough watering will get the required feed levels into the plant and keep the foliage as dry as possible. SENETTI® has a large vigorous root system and will require large volumes of water regularly, particularly as the crop matures.

**Feeding:** SENETTI® are gross feeders and even at times of slow growth in low light conditions will require good levels of feed. It is recommended that a slow release material such as Osmocote 8-9 month formula be added to the base fertiliser at a rate of up to 4.5 lbs per sq.yd. SENETTI® will take up a lot of fertiliser during periods of slow growth and the option of Osmocote gives availability at times when applications of liquid feed are not frequent due to low water requirements. SENETTI® is an iron lover and will soon show symptoms of iron deficiency. It is recommended to add EDDHA trace elements to your liquid feed stock solution at a rate of 1 gm per litre and feed at a ratio of 1 in 100.

**Growth Retardants:** SENETTI® is very responsive to Plant Growth Regulators especially Daminozide (alar or B-nine). Treatments should start from February onwards on cold grown crops and timings will be dependant on the weather but are likely to be every 14 days at rates of 2000 ppm. Once the buds are clearly visible the crop will still grow at least 2-3 inches in height until the flowers fully open. It is essential to keep applying Daminozide until the flowers are fully open. With the rise in temperatures and light at this time of year the plants will continue to grow quickly. Paclobutrazol is also effective at low rates. Applications must be applied after final potting, and it is essential that the roots of the plant are of a size where they have fully reached the side of the pot. The chemical must be drenched in and not sprayed on to the foliage since spray applications are not effective. Rates of application should be between 500-1000 ppm. Do not exceed this dosage. Ethylene in the form of Ethrel (Florel) is also effective at giving good growth control by encouraging side shoots and reducing leaf size when applied at rooted liner stage, before or after potting.

**Pinching:** If your rooted liners do not come as pinched and breaking plants, it is advisable to do a single pinch. The plants will naturally break and produce well shaped plants.

**Diseases:** Botrytis and powdery mildew can be avoided by keeping the humidity as low as possible.

**Pests:** Whitefly, thrips, aphids, fungus gnats and shore flies, leaf miner, and mites

**Marketing:** For maximum effect to encourage consumer demand and give the 'Wow' factor, a minimum of 10 blooms per plant should be clearly visible.

The above information is based on the best of our knowledge at the current time.

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