

Insect Treatment

Insect	Notes	Treatment
GREENHOUSE		
Spider mites, Aphids, Flea Beetles, Leafhoppers, Whiteflies, Mealy bugs	Brought on by low humidity and cool temperatures, and short days, so plants are not actively growing.	Imidacloprid (Marathon) at label rates. Insecticidal soaps and oils.
Lepidoptera (Caterpillars)	Sometimes in landscape plantings.	Bacillus thuringiensis (Dipel). Insecticidal soaps and oils.
LANDSCAPE		
Spider mites, Aphids, Flea Beetles, Leafhoppers, Whiteflies, Mealy bugs	Varies by location, especially damage by Flea Beetles, which is a general term for many types of beetles, some of which feed on Sweet Potato Vines.	Rotenone, pyrethrin, Sevin, Insecticidal soaps and oils.
Lepidoptera (Caterpillars)	Sometimes caterpillar larvae feed on Sweet Potato Vines, leaving holes in the foliage.	Bacillus thuringiensis (Dipel). Insecticidal soaps and oils.
Sweet Potato Weevil	A big issue in the South, which is why a lot of shipments to southern areas get impounded. This pest is the reason plants should not be kept from one year to the next as ornamentals could cross-infect the food types in the Deep South.	Endosulfan (Thiodan/ Phaser). Insecticidal soaps and oils.

Grower Tip: The Sweet Caroline breeding program is aimed at reducing Oedema; however under high humidity and low light conditions in the early spring months, Oedema may occur, causing small bumps to form on the leaves. It usually resolves itself within weeks when light levels are higher. Good air circulation is important.

Note: Sweet Caroline is bred to have reduced tuber formation; it should not produce tubers UNLESS it is grown under short days for a long period, and even then never produce tubers like the old free varieties do. Since the crop needs heat to perform, it will likely never be an issue since it will be brought in in spring and not over wintered.

Also look for these new varieties

PRETTY MUCH PICASSO™ – This breakthrough Petunia stops customers in their tracks. The unique coloration of purple and green blooms is attracting lots of attention. Its an exceptional grower that thrives in the heat and has extended season performance.

SNOW PRINCESS™ – A sterile variety, so all energy goes into flower production not setting seed. Also thrives in heat and has extended season performance. This innovative introduction has already earned industry awards, including: Greenhouse Grower Medal of Excellence Winner, the IPM Essen Best Innovation Award, and the Gold Medal at the Innovert Innovation Competition, as well as a medal from the Boskoop Royal Horticulure Society for one of the best new plants for 2009.



Above: SNOW PRINCESS™ *Lobularia hybrid*
with SUPERBELLS® *Lavender Calibrachoa hybrid*
At left: PRETTY MUCH PICASSO™ *Petunia hybrid*

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The Exclusive Source for the SWEET CAROLINE AND ILLUSION™ SERIES OF IPOMOEA



SWEET CAROLINE AND ILLUSION™ SWEET POTATO VINES

These popular Sweet Potato Vines will now have the power of the Proven Winners brand behind them. Liners are available from all Proven Winners North American propagators through every major plant broker.

Sweet Caroline Series: ☀️🌱 8-10" 18-24" mounded-spreading shape in landscapes

Illusion™ Series: ☀️🌱 8-10" 10-12" mounded-spreading shape in baskets

Green



'SWEET CAROLINE SWEETHEART Light Green'
Ipomoea batatas USPP19572 Can2901



'SWEET CAROLINE Green Yellow'
Ipomoea batatas USPP19673 Can2903



'SWEET CAROLINE Light Green'
Ipomoea batatas USPP15028 Can2975



ILLUSION™ Emerald Lace
Ipomoea batatas *** USPPAF CanPBRAF

Black/Purple



'SWEET CAROLINE BEWITCHED Purple'
Ipomoea batatas USPP19574 Can2900



'SWEET CAROLINE SWEETHEART Purple'
Ipomoea batatas USPP19573 Can2902



'SWEET CAROLINE Purple'
Ipomoea batatas USPP14912 Can2974



ILLUSION™ Midnight Lace
Ipomoea batatas *** USPPAF CanPBRAF

Red



'SWEET CAROLINE SWEETHEART Red'
Ipomoea batatas USPP19013 Can2904



'SWEET CAROLINE Bronze'
Ipomoea batatas USPP15437 Can2973



'SWEET CAROLINE Red'
Ipomoea batatas USPP17483 Can2976

Sweet Caroline – This plant is the least compact of the varieties but has the widest color palette. Its deeply lobed leaves in greens, purple, bronze, and red make Sweet Caroline a garden favorite. This plant has the highest PGR requirements in the line.

Sweet Caroline Sweetheart – This plant resembles Sweet Caroline series except it has rounded leaves for a different textural effect. Sweetheart is best suited for the landscape and larger containers; however, they work for small containers but just need more PGR to control them if held.

Sweet Caroline Bewitched – This mounding upright plant will eventually fall over and trail, but its early upright quality is unique. Bewitched is a perfect Autumn emphasis plant because late summer temperatures will help it fill in, but it will naturally be a bit more restrained than the others. Plus, its serrated, tattered-type leaf edge and even its name evokes fall and Halloween.

Illusion™ – The foliage texture of Illusion is unique in the industry and makes it a great plant for all programs. It is ideal for small pot production, summer gallons, and mixed containers. After Bewitched, Illusion is the most compact grower.

Ipomoea Comparison Chart

Series name	Variety names	Distinguishing characteristics	Breeding goal	Colors in line	Compact habit – relative to others	Branching relative to others	Flowering	Leaf type	PGR requirements
Proven Winners® Illusion™	Emerald Lace Midnight Lace	Dissected foliage for new texture; compact habit	Same as Sweet Carolines	Light green, purple	Compact habit	High	No – rarely, when under stress	Dissected	Usually not needed
Proven Winners® Sweet Caroline Bewitched	Purple	Compact mounding but not trailing habit; more upright initially; serrated leaf margin	One-off for upright plant habit and serrated leaf	Purple	Most compact habit	Low	Occasionally under short days, low light	Serrated margin	Not needed
Proven Winners® Sweet Caroline Sweetheart	Light Green Purple Red	Enhanced branching over Sweet Caroline series; different texture with heart-shaped leaves	Same as Sweet Carolines	Light green, purple, red	Least compact habit	Low-medium	No	Entire, cordate	May be needed for holding plants and small pot sizes
Proven Winners® Sweet Caroline	Bronze Green Yellow Light Green Purple Red	Enhanced branching and reduced stem elongation over free varieties	Bred for reduced internode size, better branching and reduced storage root formation; novel colors	Dark green, light green, variegated dark green, purple, bronze, red	Least compact habit	Medium	No. Bronze, Purple and occasionally Red when under stress	Deeply lobed	May be needed for holding plants and small pot sizes

Crop Times:

4.5"	6.5" w/ 2 plants	6.5" w/ 1 plant	10" HB (Recommend Illusions)
4-6 weeks with 1 liner	5 weeks w/ 2 liners	6-8 weeks w/ 1 liner	8 weeks w/ 3 liners
8-10 weeks with URC	9 weeks w/ 2 URC	10-12 weeks w/ 1 URC	12 weeks w/ 3 URC

Unrooted Cuttings are exclusively available to Key Accounts.

Any customer reaching Key Account status (Bronze Key, Silver Key, or Gold Key) can purchase unrooted cuttings of Sweet Caroline, Illusion™ (and also Infinity®) varieties. Talk to your Proven Winners propagator for more details.