

## Cuphea Sweet Talk™ F<sub>1</sub> Series

(*Cuphea procumbens*)

Annuals Culture (revised 10/31/23)

**Plug crop time:** 4 weeks

**Transplant to finish:** 8 to 9 weeks

- A natural source of nectar, the flowers attract pollinators like bees and hummingbirds.
- Offers a more refined plant form compared to competitors, with tighter branching and less gaps.
- A good option for Spring or Summer production; heat-loving plants are more floriferous and less susceptible to *oedema*.
- All varieties can be grown with the same PGR schedule.
- Vivid bloom colours stand out on the bench, and include a true Red.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Spring, Summer, Late Summer, Autumn	8-14 in. (20-36 cm)	8-14 in. (20-36 cm)	8-12 in. (20-30 cm)

### Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days from 50% to maximum germination	Initial Media pH/EC (1:2)	Cover Seed
RAW	288	1	4	3-7	5.8-6.2 pH 0.5-0.75 mmhos/cm	Yes

### Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 5	Level 4	Level 3-4	Level 3-4
<b>Temperature</b>	68-77°F (20-25°C)	68-73°F (20-23°C)	68-73°F (20-23°C)	68-73°F (20-23°C)
<b>Light</b>	Optional	8-10 mol·m <sup>-2</sup> ·d <sup>-1</sup> 1,500-2,500 f.c. (16,100-26,900 Lux)	8-10 mol·m <sup>-2</sup> ·d <sup>-1</sup> 1,500-2,500 f.c. (16,100-26,900 Lux)	8-10 mol·m <sup>-2</sup> ·d <sup>-1</sup> 1,500-2,500 f.c. (16,100-26,900 Lux)
<b>Fertiliser</b>			Less than 100 ppm N (Less than 0.7 EC)	Less than 100 ppm N (Less than 0.7 EC)

**PGR**                      paclobutrazol/1 ppm/Sprench

### Propagation Key Tips

Apply paclobutrazol sprench at sowing or at radicle emergence (72 hours from sowing) to control hypocotyl stretch. In Stage 2/start of Stage 3, young plants can be grown cooler to tone the plug and shorten the internodes (night temperatures 54°F/12°C), but will add a week to crop time.

### Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 70-78°F (21-26°C) (night) 60-70°F (16-21°C)	5.8-6.2 pH 1.5-2.0 mmhos/cm	100 to 175 ppm N (0.7 to 1.2 EC)	Facultative Short Day

## Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
4"/4.5"/Quart/10 cm	1 (ppp)	8-9 (weeks)	Spring	paclobutrazol 1 ppm Drench
8"/2 Gallon/20 cm	3 (ppp)	8-9 (weeks)	Spring	paclobutrazol 1 ppm Drench
4"/4.5"/Quart/10 cm	1 (ppp)	8-9 (weeks)	Summer	paclobutrazol 2 ppm Drench
8"/2 Gallon/20 cm	3 (ppp)	8-9 (weeks)	Summer	paclobutrazol 2 ppm Drench

## Common Problems

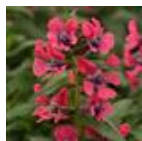
Insects: Aphids, Thrips, Whiteflies, Japanese Beetles Diseases: Fusarium, Pythium, Thielaviopsis Leaves can redden in cold temperatures.

## Finishing Key Tips

Cuphea is very vigorous and temperature sensitive. Growing cool can reduce PGR needs. Conversely, growing above 73°F (23°C) may need higher PGR rates or additional applications. Adjust based on your conditions. No pinch needed; if you choose to pinch in young plant stage, follow with 2 to 3 treatments of paclobutrazol spray at 20 ppm. Cuphea is sensitive to ethylene, so take proper precautions when shipping.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

## Variety Pictures



Deep Pink



Lavender  
Splash



Red



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