

# Spring Fling Begonia

Ball Ingenuity™



Spring Fling Buttercup



Spring Fling Pink Tulip



- ✿ Instant, elegant color for patio pots or baskets
- ✿ Dark, clean foliage is a great contrast to the large light colored blooms creating big retail appeal
- ✿ Fast and uniform to root with very strong branching
- ✿ Heat tolerant
- ✿ If customers are looking for a long-flowering season item with showy blooms, Spring Fling is for them!

Easy to Grow, Quick to Finish!	
Habit	Spreading
Spacing	14 to 18" (35-46cm)
Height	12" to 14" (30-35cm)
Width	12" to 14" (30-35cm)
Size	6IN to Large Containers
Exposure	Part Sun to Shade
Available	URC - Dummen Orange, Liners available from PPED, DICK, COLE, DMNG, DMNT, HAEK

# Spring Fling Begonia Culture

## Sticking & Rooting

### Upon Arrival

Cuttings should be unpacked and stored in a cooler at 54°F (12°C) overnight if not stuck immediately.

### Tray Size & Sticking Tips

A 50 to 72 spaceable tray is recommended for best results.

No rooting hormone required.

When sticking avoid covering the apical growing point by arranging large leaves in one direction.

### Mist

Apply only enough mist for the first 14-21 days to keep cuttings turgid. Reduce mist once roots begin to form.

Discontinue misting at approximately day 20.

### Fertility & PH (once roots begin to form)

50-100 ppm N

5.6-6.2 Ph

Low to Moderate EC at 0.8-3.5 mS via SME

### Temperature

Soil Temperature: 65-68°F (18-20°C)

Air Temperature Day: 75-80°F (24-27°C)

Air Temperature Night: 68-72°F (20-22°C)

### Pinching

Pinch in the liner at 3 leaf nodes.

Imperative to pinch on time, not to exceed 5 leaf nodes.

### Plant Growth Regulators (PGRS)

A light application of cycocel during the rooting process will give the best results. This tones the foliage and will force node developments early in the process when cuttings are still soft.

### Timing

4 to 5 weeks from stick to transplant

### Lighting

Shade is beneficial during prop, reduce shade once roots form and as plants mature.

Requires minimum 20 hours total of light daily.

From September 21st to March 21st, cuttings require long photo periods during prop to prevent premature flowering.

Lighting from 10pm to 2am or supplemental light from sundown to 2am may be used to provide long days.

Night Interruption for 4 hours every night inhibits the flowers and promotes branching.

Under low light the liner will produce a flower in the node instead of branching.

## Finishing

### Fertility & PH

100-150 ppm N

5.6-6.2 Ph

Moderate EC at 2.0-3.5 mS via SME

### Temperature

Night Temperature: 65-73°F (18-23°C)

Day Temperature: 68-75°F (20-24°C)

### Lighting

Maintain light levels between 3,000 – 7,000 fc (32,200-75,300 lux).

Supplemental light may be applied if reproductive growth is being managed by night interruption lighting.

### Plant Growth Regulators (PGRS)

To improve habit use 250-400ppm Cycocel (11.8% Chlormequat) as needed.

Low rates of B-Nine (85% Daminozide) at 1000-1500ppm, or Cycocel/Citadel (11.8% Chlormequat) at (250-350ppm), or a tank mix spray can be applied as needed.

Once cuttings are rooted, use a low 300ppm Cycocel spray to help with branching. Avoid having Cycocel spray accumulate and trickle into the roots of the liner or pot.

### Potential Pests and Diseases

Botrytis, Xanthomonas, Powdery Mildew

Whitefly, Mites, Thrips

## Top Tips

A steady environment with little fluctuation in temperature and moisture is important during vegetative growth.

Growing with bottom heat is recommended and will reduce crop time.

Buds that develop during the vegetative phase should be removed manually to promote vegetative growth. The plant should be 2/3rds the desired finish size before flower initiation: To initiate flowers at the above spec, black cloth for 14 days, moisture stress (letting the plants slightly wilt several times before watering), low fertility (withholding fertilizer application for 14 days), plant growth regulator application, or a combination of these tactics.

Plants should finish in 4 to 6 weeks after flower initiation. After induction return plants to the same production conditions used during vegetative growth.

## Finishing

Size	Plants Per Pot	Finish Time (weeks)
6 in. (15 cm)	1	9 to 12 wks
10 to 12 in. (25 to 30 cm)	2-3	10 to 14 wks
14in. and larger (36cm)	4 (with lager liner)	12 to 14 wks

### Pinching

Liners should be pinched during propagation.

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Talk to us.

Ball Seed: 800 879-BALL

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