

CLIO™

Cleome hybrida

- Seed sterile
- Heat tolerance - Long and continuous flowering all summer long
- Great garden performance
- Vigorous growth habit
- Works well for gardening and patio pots



Upright
Bush



32-40 cm
13-16 in



50-60 cm
20-24 in



Heat
tolerant



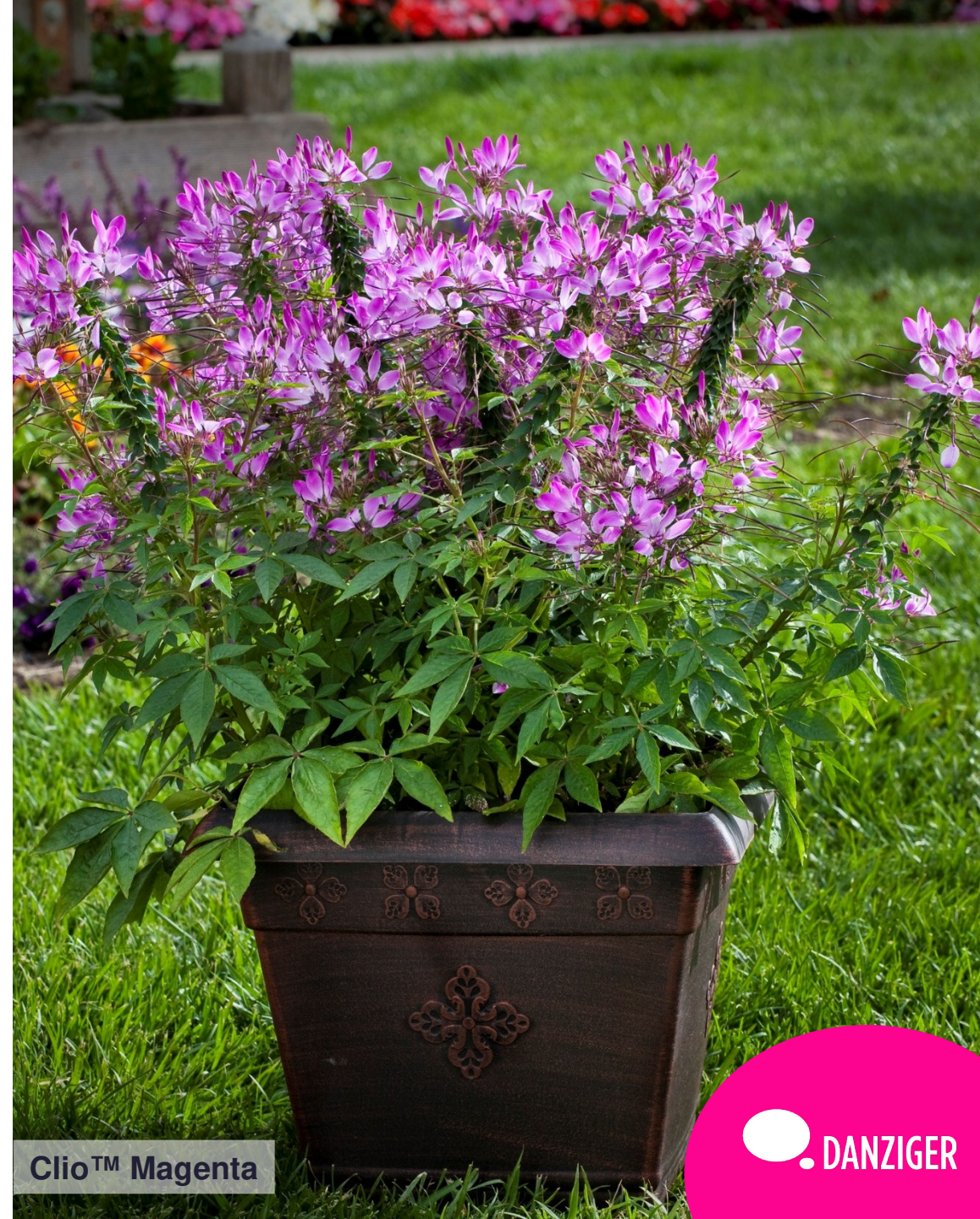
Landscape



Ground
cover



15-18
Gal,



Clio™ Magenta

The CLIO™ series

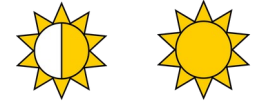


CLIO™ Pink Lady Imp.



CLIO™ Magenta

Cleome hybrida



Stick on priority – Number 3 out of 4 categories

PROPAGATION TIPS

Average Time	Temperature	Hormone	Fertilization	Fungicide
5 weeks	Weeks 1 - 2 21° - 22°C (70°-72° F)	Suggested	Weeks 1-2 50 ppm N	Spray fungicide to control Botrytis and bacteria day of sticking
	Weeks 3 - 5 18° - 20° C (65° - 68° F)		Weeks 3-5 100 to 150 ppm N	Day of sticking & Week 2

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.8 to 6.2	0.80	21° - 22°C (70°-72° F)	50 ppm N in mist	Not required		Day of sticking	
Week 2	5.8 to 6.2	.80 to .90	21° - 22°C (70°-72° F)	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.80 to .90	Cool to 20° - 21° C (68° - 70° F)	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	.80 to .90	18° - 20° C (65° - 68° F)	Feed 100 to 150 ppm		Daminozide as needed		
Week 5	5.8 to 6.2	.80 to .90	18° - 20° C (65° - 68° F)	Feed 100 to 150 ppm		Daminozide as needed		Pinch recommended



- **Irrigation specification** – Spray with adjuvant the day of sticking/Remove from mist as soon as possible.



- Evenly moist soil is best for rooting. Daminozide at 1500 to 2500 ppm week 4. Pinch at transplant.



Cleome hybrida

- Maintain soil evenly moist
- High light levels best for finishing

Average Time (from liners)	Temperature	Pinch/ Daylength Modification	Fertilization	Plant Growth Regulator
8 to 10 wks	Average Day	Pinch –Suggested day of transplant	150-200 ppm N	Daminozide spray application @ 2000 – 3750 ppm
15 cm (1 gallon) 1 ppp	61° to 65° F (16° to 18°C)			
10-12 wks			Soil EC 1.2 to 1.5 pH 5.8 to 6.2	
17-19 cm (6.5-7.5 inch) 1 ppp				

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
transplant to week 6	5.8 to 6.2	1.0 to 1.2	65° to 68° F (18° to 20°C)	feed 100 to 150 ppm		Daminozide as needed	Drench fungicide after transplant	Control of Pythium & Phytophthora
Week 6 to 14	5.8 to 6.2	1.2 to 1.5	61° to 65° F (16° to 18°C)	feed 150 to 200 ppm		Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size		

Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrip	METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
Diseases	Botrytis	CYPRODINIL+FLUDIOXONIL, IPRADIONE, POLYOXIN
	Pythium	PROPAMOCARB
	Phytophthora	PROPAMOCARB

FINISHING TIPS



- **PGR** - Spray Daminozide at 2000 to 3750 ppm on finished plants early in crop schedule
- **Maintain good airflow** and allow plants to dry before nightfall. The foliage is susceptible to Oedema.
- **Scout** for Aphids, Mites, Thrips and Whitefly
- **Drench** after transplant for Botrytis and Pythium / Phytophthora. Scout for Powdery Mildew