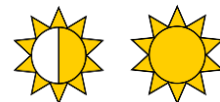


# EARLY BIRD™ & SANDGEM™

Delosperma cooperi



**EARLY BIRD™ Purple**

- No vernalization or cooling required (First Year Flowering)
- EARLY BIRD™ blooms are the first to open in the morning
- SANDGEM™ has large flowers with a trailing plant habit
- Strong heat and drought tolerance make these series perfect for summer programs
- Cold Hardiness 5 - 10
- Mature height and width is 5 X 14 inches (12 cm x 35 cm)

## The SANDGEM™ series:



**SANDGEM™ Ember**



**SANDGEM™ Gold**

For additional technical growing information:

EARLY BIRD™ [CLICK HERE](#)

SANDGEM™ [CLICK HERE](#)



# EARLY BIRD™ & SANDGEM™

Delosperma cooperi



## PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time  
**Spring / Summer  
Flowering**



Width  
**35 cm  
(14")**



Height  
**12 cm  
(5")**

Average Time	Temperature	Hormone	Fertilization	Fungicide
4 weeks	Weeks 1 - 2 21° - 22°C (70°-72° F)	No	Weeks 1-2 50 ppm N	Spray fungicide to control Botrytis and bacteria day of sticking
	Weeks 3 - 4 20° - 21° C (68° - 70° F)		Weeks 3-4 100 to 125 ppm N	Day of sticking & Week 2



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



Delosperma are day neutral and prefers bright light conditions for maximum flowering. Daminozide at 1500 to 2000 ppm week 3 if required.

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.5 / 6.5	0.80	22 / 23 C	50 ppm N in mist			Day of sticking	
Week 2	5.5 to 6.5	.80 to .90	22 / 23 C	50 ppm N in mist			Second fungicide app	
Week 3	5.5 to 6.5	.90 to 1.0	Cool to 20 – 21 C	Feed 100 ppm to 150 ppm		Daminozide as needed		Pinch week 3 or at transplant
Week 4	5.5 to 6.5	1.0 to 1.2	20 to 21C	feed 100 to 150 ppm		Daminozide as needed		

For additional technical growing information:

EARLY BIRD™ [CLICK HERE](#)

SANDGEM™ [CLICK HERE](#)



# EARLY BIRD™ & SANDGEM™

Delosperma cooperi



## FINISHING TIPS

- High quality plants with many more flowers are finished with high light
- Cool temperatures may create stress and develop yellow stems (at tips)/ when temperatures warm, the plants will become green

Average Time (from liners)	Temperature	Pinch/ Daylength Modification	Fertilization	Plant Growth Regulator
7 to 9 wks	Average Day	Pinch – Suggested week 3 or day of transplant	100 - 150 ppm N	Daminozide spray application @ 2000 – 3750 ppm
15 cm (1 gallon)	(20° to 21°C)		Soil EC 1.2 - 1.5 pH 5.5 to 6.3	
9 to 11 wks				
20 cm (2 gallon)				

		Recommended Chemicals
Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
Diseases	Botrytis	CYPRODINIL+FLUDIOXONIL, IPRODIONE, POLYOXIN
	Pythium	PROPAMOCARB
	Phytophthora	PROPAMOCARB



- PGR - Spray Daminozide at 2000 to 3750 ppm on finished plants early in crop schedule
- Cool temperatures may create yellowing at the end of plant stems
- Maintain good airflow and allow plants to dry before nightfall.
- Scout for Aphids, Mites and Scale
- Drench after transplant for Rhizoctonia and Pythium / Phytophthora

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 5 Transplant	5.5 to 6.3	1.0 to 1.2	20° to 21°C	feed 100 to 150 ppm		Daminozide as needed	Drench fungicide after transplant	Control of Pythium & Rhizoctonia
Week 6 to 14	5.5 to 6.3	1.2 to 1.5	20° to 21°C	feed 100 to 150 ppm				

For additional technical growing information:

EARLY BIRD™ [CLICK HERE](#)

SANDGEM™ [CLICK HERE](#)

