

Plant Name	Scientific	Common	Family	Updated by CSU 08/20/19
	<i>Osteospermum 'Avalanche'</i> ^{22,705}		Asteraceae	
Propagation Method		Native to		
Vegetative cuttings		Originally South Africa but this is a hybrid developed in Europe.		
Treatments (Suggested procedures)				
<p>Stock Plant</p> <p>PGR- Fascination 50 ppm treatments had about a 50% increase in cuttings harvested from greenhouse stock #1 containers</p> <p>Drip irrigation 3 times a week in greenhouse for 3/4 gallon of irrigation a week, more during summer months</p> <p>Media- For stock plant growth in #1 containers, Mtero Mix 820 or similar composed media is recommended over straight peat moss media like Pindstrup (produced larger plants and more cuttings)</p> <p>Fertilizer- 100 ppm 20-10-20 fertilizer was observed to produce the best/most cuttings on stock plants</p> <p>Propagation</p> <p>500 ppm Dip-n-Gro rooting hormone is recommended with 100% rooting observed when plants treated with Fascination</p>				
Collection Timing and Strategies				
This plant wants to flower a lot so get as many cuttings while not flowering as possible. You can root stems that have flower initiation if you remove the flowering portions of the stem.				
Cultural Information				
Greenhouse conditions				
Greenhouse night temperatures must be held above 68 F- decreases flowering (Source-Ball Red Book Osteospermum, tried at CSU 2018)				
Garden conditions				
Plants grow best in full sun and well draining soil that receives some irrigation. It can be grown very dry in heavier soils. Plants also tolerate part shade but this decreases the amount of bloom and compactness of the overall habit.				
Other Expert Advice				
Plants have been susceptible to whitefly and mealybug in the greenhouse. Fungicide drench with Pageant is recommended to manage root and stem rot in new stock plants.				