

## Tips When Transplanting Cycads in South Africa

The best time of year to transplant a cycad is during the winter (or during a dry spell) to prevent infection of the roots.

Roots of an adult plant that were damaged during the excavation stage, can be given a clean cut and then seal it with root seal, or let it lay dry in the shade for a couple of days.

The cycad will adapt within a year to the amount of sun it has to handle, but there are cycads that prefer semi-shade e.g. *E.villosis*.

Dig a hole approximately one square meter, or according to the size of the plant.

Mix 1 part compost, 1 part topsoil and 1 part river sand. Put +/- 15 cm of this mixture in the bottom of the hole. Place your cycad in the hole (the amount of mixture at the bottom of the hole, will be determined by the fact that the growth point must not be covered with soil.)

Cycads have adapted for 165 million years to survive without sprinkler systems and too much water could be detrimental to your cycads.

See the table on the next page for the best times of year to cone an African Cycad.



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Cycad species	Months for pollen production (1)	Months for seed shedding (2)	Time between (1) and (2)
<i>E. aemulans</i>	*Mar **Apr *May	°Sep ***Oct °Nov	6
<i>E. altensteinii</i>	*Mar **Apr **May	°Sep °Oct °Nov °Dec *Jan	8
<i>E. arenarius</i>	°Mar °Apr °May °Jun	°Oct **Nov °Dec °Jan °Feb °May	7
<i>E. barteri</i>	?	?	?
<i>E. bubalinus</i>	°Jan	°Jan	12
<i>E. caffer</i>	°Jan °Feb *Apr °Jun	°Jul °Aug *Oct *Nov *Dec *Jan	7
<i>E. cerinus</i>	?	°Aug	?
<i>E. chimanimaniensis</i>	*Dec °Jan °Feb °Mar	°Sep	7
<i>E. concinnus</i>	°Feb °Mar	?	?
<i>E. cupidus</i>	°Jan °Feb °Mar	*May °Jun °Jul	5
<i>E. cycadifolius</i>	†Aug †Sep **Oct **Nov *Dec °Jan	*Jan *Feb *Mar	4
<i>E. dolomiticus</i>	°Sep °Dec °Jan °Feb	*May °Jun	5
<i>E. dyerianus</i>	°Feb °Mar °Apr	*Jun °Jul	5
<i>E. eugene-maraisii</i>	°Feb °Mar	°Jul °Aug	5
<i>E. ferox</i>	*Feb **Mar °Apr °May °Jun °Jul	*Jun °Jul ***Aug °Sep	5
	*Aug	***Oct °Nov	
<i>E. frederici-guilielmi</i>	†Aug °Sep *Oct *Nov	°Dec *Feb *Mar *Apr	5
<i>E. ghellinckii</i>	°Apr *Nov	*Sep °Oct *Dec *Jan *Feb	4
<i>E. gratus</i>	°Mar	°Aug °Sep	5
<i>E. heenanii</i>	*Aug	*Dec °Jan °Feb	5
<i>E. hildebrandtii</i>	°Feb °Mar °Apr	°Sep °Oct °Nov °Dec	7
<i>E. horridus</i>	**Mar ***Apr ***May **Jun °Jul	*Oct **Nov ***Dec *Jan °Feb	7
	**Aug **Sep		
<i>E. humilis</i>	*Aug °Sep	*Jan °Feb °Mar	4
<i>E. inopinus</i>	*Sep °Oct °Jan **Feb °Mar °Apr	°Jan °Feb °Mar °Apr	5
<i>E. ituriensis</i>	°May	?	?
<i>E. kisambo</i>	**Nov **Dec **Jan °Feb	**Aug °Sep	9
<i>E. laevifolius</i>	*Sep *Oct °Nov	*Jan °Feb °Mar	5
<i>E. lanatus</i>	†Oct **Nov °Jan	**Jan ***Feb °Mar	5
<i>E. latifrons</i>	°Jul °Aug	*Jan	6
<i>E. laurentianus</i>	?	?	?
<i>E. lebomboensis</i>	*Mar °Apr ***May °Jun °Jul °Aug	*Aug ***Sep °Oct °Nov	6
<i>E. lehmannii</i>	°Mar ***Apr ***May °Jun °Jul	***Oct ***Nov °Dec	6
<i>E. longifolius</i>	**Mar **Apr ***May ***Jun °Jul °Aug	**Oct **Nov ***Dec °Jan	6
		*Feb	
<i>E. manikensis</i>	*Jan °Feb °Apr	°Jan °May °Oct	9
<i>E. marunguensis</i>	?	?	?
<i>E. middelburgensis</i>	°Mar °Apr °May	*Jun °Jul °Sep °Oct °Dec	8
<i>E. munchii</i>	*Dec °Jan °Feb	°Dec	12
<i>E. natalensis</i>	**Apr ***May °Jun	°Oct ***Nov °Dec °Jan	7
<i>E. ngoyanus</i>	°Feb ***Mar °Apr	*Aug °Sep °Oct	6
<i>E. paucidentatus</i>	*Feb °Mar °Apr °May °Jun °Jul **Aug	*Oct °Nov °Dec **Jan °Feb	7
	?	*Mar	
<i>E. poggei</i>	?	?	?
<i>E. princeps</i>	*Apr °Jun °Jul °Aug °Sep	°Oct **Nov °Dec °Jan	6
<i>E. pterogonus</i>	?	?	?
<i>E. schmitzii</i>	?	?	?
<i>E. sclavoi</i>	*Nov **Dec **Jan °Feb	**Aug **Sep	9
<i>E. septentrionalis</i>	°Jul	?	?
<i>E. tegulaneus</i>	?	?	?
<i>E. transvenosus</i>	**†Jun *†Jul *†Aug ***Sep °Oct	°Apr ***Jun ***Jul ***Aug *Sep	12
<i>E. trispinosus</i>	°Mar ***Apr *May °Jun	°Sep ***Oct ***Nov	6
<i>E. turneri</i>	?	?	?
<i>E. umbeluziensis</i>	*Apr °May °Jun °Jul °Aug °Sep	*Aug ***Sept °Oct °Nov °Dec	5
		*Jan	
<i>E. villosus</i>	°Mar ***Apr ***May ***Jun °Jul °Aug	*Aug °Sep ***Oct ***Nov	6
		*Dec	
<i>E. woodii</i>	°May °Jun *Jul *Aug	n/a	n/a
<i>E. "Piet Petiefii"</i>	°Apr °May	°Nov	7
<i>E. "venitus"</i>	*Jan °Feb	*May °Jun °Jul	5
<i>Stangeria eriopus</i>	°Apr °Jul **Aug **Sep	*Aug **Dec °Apr	9

\* Observations indicated by an asterisk have been made in the field; all other observations are made on plants in garden cultivation in South Africa.  
 † Isabella Claassen 3/1/1990; \* John Donaldson 4/1/1993; \* Cynthia Giddy 1/3/1993; ° Nat Grobbelaar 3/5/1993 \* Johan Hurter 4/11/1992;  
 ° Roy Osborne personal observations

