



CYCAD INTERNATIONAL

CITES Approved for Commercial Exports



**We supply Premium
Landscape feature Cycads
to top end Landscape
Projects Worldwide**

www.cycadinternational.com.au





Cycad International Profile

- Cycad International has one of the world's largest range of rare and exotic Cycads for commercial buyers and collectors around the world.
- Cycad International is able to supply in small and commercial quantities an extensive range of Cycads suitable for a wide diversity of climatic conditions.
- Cycad International stock list features approximately 40,000 Cycads ranging in size from small plants to unique premium landscape feature plants.



Exclusive Products

- Cycad International are Commercial Exporters of Cycads listed as CITES Appendix I and II. As we are a CITES Registered Artificial Propagation Nursery we can ship our plants to any CITES Signatory Country World Wide.
- Unique and specialised Nursery dedicated to the production of some of the world's rarest and unique Cycads.
- Cycads are sold by the centimeter of caudex diameter (cm. CD) or trunk height (cm. CT) whichever is the greatest.

Capabilities and Capacities

- *Medium Plants*
10cm+ caudex diameter plants
- *Landscape Feature Plants*
15cm+ caudex diameter plants
- *Unique Premium Landscape Feature Plants*
15 - 20cm+ caudex diameter plants

Stock plants in the vicinity of 40,000 Cycads are growing under shade in our state of the art shade structures totaling 10,000m².

An additional dedicated 3,500m² of specific plant acclimatization and conditioning space is available on site.

Plants are hardened off so they may be planted directly into landscapes on arrival in the country of destination. This acclimatization process does not need to be done again before installing plants into landscape projects which saves time and extra expense on arrival of the shipment.





Australian Government

Department of the Environment and Water Resources

APPROVAL AS AN ARTIFICIAL PROPAGATION PROGRAM

This notice is confirmation of approval for an Artificial Propagation Program under Regulation 9A.18 of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) for the following:

Organisation: Cycad International

Approval Period 15th March 2007- 15th March 2012.
(Ongoing approval is subject to a review at the end of this period)

This approval allows application to the Department for permits to export the following **families** (excluding CITES Appendix I and EPBC listed threatened species):

Cycadaceae spp Stangeriaceae spp	Zamiaceae spp
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The following **CITES Appendix I listed species** are included:

<i>Ceratozamia hildae</i>	<i>Encephalartos latifrons</i>
<i>Ceratozamia kuesteriana</i>	<i>Encephalartos laurentianus</i>
<i>Ceratozamia latifolia</i>	<i>Encephalartos lebomboensis</i>
<i>Ceratozamia matudae</i>	<i>Encephalartos lehmannii</i>
<i>Ceratozamia mexicana</i>	<i>Encephalartos longifolius</i>
<i>Ceratozamia microstobila</i>	<i>Encephalartos manikensis</i>
<i>Ceratozamia norstogii</i>	<i>Encephalartos msinganus</i>
<i>Ceratozamia plumosa</i>	<i>Encephalartos natalensis</i>
<i>Ceratozamia robusta</i>	<i>Encephalartos paucidentatus</i>
<i>Encephalartos altensteinii</i>	<i>Encephalartos poggei</i>
<i>Encephalartos arenarius</i>	<i>Encephalartos princeps</i>
<i>Encephalartos cafferr</i>	<i>Encephalartos pterogonus</i>
<i>Encephalartos cupidus</i>	<i>Encephalartos sclavoi</i>
<i>Encephalartos cycadifolius</i>	<i>Encephalartos septentrionalis</i>
<i>Encephalartos eugene-maraisii</i>	<i>Encephalartos transvenosus</i>
<i>Encephalartos ferox</i>	<i>Encephalartos trispinosus</i>
<i>Encephalartos friderici-guilielmi</i>	<i>Encephalartos umbeluziensis</i>
<i>Encephalartos gratus</i>	<i>Encephalartos villosus</i>
<i>Encephalartos hildebrandtii</i>	<i>Encephalartos woodii</i>
<i>Encephalartos horridus</i>	<i>Mycrocycas calocoma</i>
<i>Encephalartos kisambo</i>	<i>Stangeria eriopus</i>
<i>Encephalartos lanatus</i>	

Artificial Propagation Program

The convention on International trade in Endangered species of Wild Fauna and Flora (CITES): The CITES is an international agreement between governments. Its aim is to ensure that international trade in specimens of wild animals and plants does not threaten their survival. Because the trade in wild animals and plants crosses borders between countries, the effort to regulate it requires international cooperation.

CITES was conceived in the spirit of such cooperation. Today it accords varying degrees of protection to more than 30,000 species of animals and plants, whether they are traded as live specimens, fur coats or dried herbs.





Cycad International Export Permits

CITES CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES OF WILD FAUNA AND FLORA

Australian Government
Department of the Environment, Water, Heritage and the Arts

Environment Protection and Biodiversity Conservation Act 1999

EXIT/EXDOC No. PWS P802321

Export No. 2009-AU-558471
 Re-export Valid to 28 DEC 2009
 Import Page 1 / 3
 Other

Importer (name, address, country)
Cycad International
81 Morris Road
KATHERINE NT 0851 Australia

Exporter (name, address, country)
Cycad International
81 Morris Road
KATHERINE NT 0851 Australia

Special Conditions - The following conditions, including those on any subsequent pages, apply.

1. VALID FOR MULTIPLE CONSIGNMENTS
2. If necessary, a Quarantine/Health certificate to accompany specimen(s) listed on this permit.

Scientific name	Common name	Product Description	App./ Source		Origin	Quantity	Unit
			Source	Origin			
Bowenia		live plant(s)	II A	AU			
Ceratozamia	ceratozamias, horncones	live plant(s)	I D	AU			
Careus		live plant(s)	II A	AU			
Cycadaceae	cycads	live plant(s)	II A	AU			
Encephalartos	broad palms, African cycads	live plant(s)	I D	AU			
Euphorbia	spurges, caustics	live plant(s)	II A	AU			
Macrozamia	macrozamias, burrawangs	live plant(s)	II A	AU			
Microcyas calocoma	Palms Corcho, Microcyas	live plant(s)	I D	AU			

Australian Customs Service endorsement (required for importation only)

Minister/Delegate of Minister
Signature: *[Signature]* Date: 25.06.09

Australian Government
Department of the Environment, Water, Heritage and the Arts

This permit has been issued under s303CG of the Environment Protection and Biodiversity Conservation Act 1999

Original
Valid for export / import - issued without alteration or erasure.

Distribution:
 White - Original (valid for export / import)
 Pink - Acquittal (return within two weeks to): CITES Management Authority International Wildlife Trade Section GPO Box 787 CANBERRA ACT 2601 AUSTRALIA
 Yellow - Exporter / importer file copy
 Green - DEWHA file copy

App./ Source 11A, 1D
 1 Source codes Legend:
 A – Artificially propagated
 D – Appendix I plants artificially propagated for commercial purposes – these plants are then classified as CITES Appendix II for the purposes of the CITES Act

Special Conditions: This permit only authorises the export of specimens i) propagated under an artificial propagation program approved by the Department of the Environment, Water, Heritage and Arts; ii) harvested or artificially propagated under a wildlife trade operation approved by the Department of the Environment, Water, Heritage and the Arts; or iii) harvested or artificially propagated under a wildlife trade management plan approved by the Department of the Environment, Water, Heritage and the Arts.

CITES CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES OF WILD FAUNA AND FLORA

Australian Government
Department of the Environment, Water, Heritage and the Arts

Environment Protection and Biodiversity Conservation Act 1999

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Special Conditions - The following conditions, including those on any subsequent pages, apply.

3. For live animals, this permit or certificate is only valid if the transport conditions conform to the 'CITES Guidelines for transport and preparation for shipment of live wild animals and plants' (CITES Guidelines for transport) or, in the case of air transport, to the IATA Live Animals Regulations.

Scientific name	Common name	Product Description	App./ Source		Origin	Quantity	Unit
			Source	Origin			
Pachypodium	pachypodiums	live plant(s)	II A	AU			
Stangeria eriopus	Stangeria, Fem-Leafed Cycad	live plant(s)	I D	AU			
Zamiaceae	cycads	live plant(s)	II A	AU			

Australian Customs Service endorsement (required for importation only)

Minister/Delegate of Minister
Signature: *[Signature]* Date: 25.6.09

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Cycads are Unique

- Cycads are the planet's oldest seed-bearing plants and are now highly threatened with extinction. They have outlived the dinosaurs and have been part of some remarkable transitions in climate and ecology. They are remarkable plants and are potent symbols of ancient and lost worlds.
- No other group of plants commercially available are as rare as Cycads. They have extraordinary beauty and unusual appearances. They are the most sought-after and coveted plants for landscaping, botanical gardens, public plantings and private collections.
- Cycads have been increasing in popularity because of their unique and distinctive appearance. There is no other group

of plants that is quite the same. They are one of the most desired architecturally striking landscape plants.

- They give an exclusive, unique, prehistoric upmarket touch to your landscapes. They are elegant and compliment many other types of plants. This tendency to be a companion plant is the reason why cycads are an excellent addition to most landscape designs.
- Cycads have been in existence since the Permian era when dinosaurs roamed the earth's surface more than 200 million years ago and can best be described as living fossils of the plant world.





How do I use Cycads in Landscaping

- Cycads growth dimensions are well documented and entirely predictable, thus a cycad can be chosen with confidence to fill a particular niche. Small growing species are best sited towards the front and larger species towards the centre of a garden bed. Ideal subjects for central features in lawns or open areas, also in garden beds or for lining footpaths and roads.
- Cycads are extremely decorative drought hardy plants in the garden. Their foliage is both distinctive and evergreen while a female plant in cone will be a feature for several months.
- They blend in well in a Xerophytic garden filled with aloe and other succulents, yet are equally at home in a tropical setting with other foliage plants such as palms and tree ferns.
- Cycads can be used virtually anywhere. They look fabulous in large pots either side of a doorway, do well as feature plants in a dry land garden design, they fit well into the smallest garden or balcony, and look spectacular as mass plantings in feature beds, flanking driveways, gates and doorways.
- A crowded garden soon loses form and design. Rather than display a collection of Cycads position each plant so that it adds decorative value to your garden. Shade loving Cycads should be grouped under trees where the shade and moisture will result in more luxuriant foliage than if they are grown in the full sun. The planting holes for the Cycads should receive generous amounts of compost.



Regular water and fertilising is essential if they are to compete successfully with the tree roots.

- Blue leaved species should be grown in full sun, preferably in rockery conditions, as these species require good drainage. The blue colour of the leaves will disappear if they are grown under moist conditions in semi-shade.
- Most Cycads can put up with very cold winter conditions and even some light frosts without showing any signs of damage. If any damage becomes evident it will only be superficial. The plants should be in well draining situations with good mulch cover to protect against drying out.
- With so many arid-zone species to choose from, Cycads are ideal plants to include as part of new, sustainable landscapes.

Benefits of Using Cycads in Landscaping

- Drought hardy
- Water wise
- Attention grabbing
Architecturally striking plants
- Predictable growth dimensions
- Will happily grow in shade,
part shade and full sun situations
- Require very little maintenance
- Insect resistant





'Architectural' Plants - What are they?

Architectural plants, also referred to as plants with great textural attributes, are those that make bold statements at any time of the year through their unusual or highly ornamental form and foliage.

The term 'architectural' was probably coined by landscape architects who could think of no better way to describe those plants that are 'at the cutting edge of design' in terms of their starkness, modern lines and ability to dominate and contrast with buildings meeting the same or similar specifications!

Architectural plants are in themselves, usually quite stunning; not always attractive in the traditional sense but attention-grabbing in their own right. More often than not, they have large leaves, tall stems or trunks, wonderful colours in their foliage and stems, unusual (sometimes grotesque) flowers or some other characteristic that makes them stand out in a crowd.

Where and how to use Ornamental Cycads in Landscape Design

Cycads can take several places or be used in several ways in a landscape. A striking approach is to follow the Asian styles, with large paired plants in containers or feature beds flanking entrances such as driveways, gates, doorways, some species are Ideal as boundary barrier plants. A single large Cycad also makes an excellent feature plant in a landscape emulating a tropical or desert setting, where, substituting for a palm where a large crown is desired without the tall trunk can be replaced with long lived, drought hardy, waterwise Cycads.

Cycads can be used virtually anywhere. They look fabulous in large pots either side of a doorway, do well as feature plants in a dry land garden design, fit well into the smallest garden or balcony, and look spectacular as mass plantings in feature beds, flanking driveways, gates and doorways. With so many arid-zone species to choose from, Cycads are ideal plants to include as part of new, sustainable landscapes.

Cycads can also have a place in a small garden landscape where space is limited and consequently plant size is limited. Many Cycads can create striking and exotic flavours in such landscapes, depending more on climate than any other factor.





Why Buy and put Energy into Cycads?

- **Historical Interest**

Cycads date as far back as 250 million years ago when dinosaurs roamed the earth. Possessing a typically ancient look, each plant is a master piece of nature.

- **Investment**

Buying a Cycad plant ensures you can watch your investment grow... literally! As they are an exceptionally rare genus of flora.

- **Protection**

As an owner of any Cycad species you not only get to enjoy the beauty of these magnificent plants, but also know that you are part of a select few who will "appreciate" these plants that are near to extinction.



Buy with Confidence

- NIASA Accredited Nursery
- EcoHort Accredited Nursery
- AQIS approved quarantine inspection facility
- Member NGIA, NGINT, MAIH
- ICA29 Registered – Western Australia

Awards

- 2006 Australian Garden Industry Award State Winner Best Small Production Nursery of Northern Territory
- 2009 NT Chief Ministers Export Award Encouragement Award for Exporter of the Year Award
- 2010 Nursery and Garden Award Industry Awards Best Small Nursery
- 2010 Nursery and Garden Award Industry Awards Export Award





Cycads - Seasoned Travellers

- Plants can be shipped worldwide in the existing pots. Therefore there is minimal or no transplant shock when the plants are installed into landscape situations due to minimal root disturbance, no wilting or leaf drop and will establish in a short period of time depending on season.
- We ship by airfreight or sea cargo. Top loaded open top containers are covered with heavy shade cloth to allow plants to breath and protect them against severe U/V conditions at sea but also allows rain to enter. Smaller sized pots are wrapped in polly cling wrap and are treated with wetting agent to help maintain moisture levels whilst in transit.

Commercial Shipments of CITES Appendix 1 Cycads

- Cycads that are listed as CITES Appendix I plants can be legally shipped to any destination in the world.
- Our Nursery establishment is approved under an Artificial Propagation Program which then allows us to be issued with a valid export permit every 6 months for multiple consignments.
- CITES Appendix I and EPBC listed threatened species can be legally exported and are recognised by authorities worldwide by the Codes legend on that Export Permit.
 - ie A - artificially propagated.
 - D - Appendix I plants artificially propagated for commercial purposes. eg Encephalartos (ID) specifies that Appendix I Cycads can be legally exported as they are then classified as Appendix II Cycads under the CITES Act.

Shipping

- We have Australian Quarantine Inspection Service approval to have shipments inspected at our facilities. A Phytosanitary Certificate and Notice of Intention to Export documents are issued and plants can be loaded and sealed into containers and will not to be opened until reaching the shores of final destination.
- We organise all services based on customers directions and requirements.
- Air freight shipments are packed, inspected and sealed with an AQIS officer on site and air freighted from Darwin.
- Sea containers are packed, inspected and sealed with an AQIS Officer at our site and shipped to Darwin Sea Freight Terminal for shipping.





Our Climate: Ideal for Growing Cycads

Our climate is dry sub-tropical with a cool dry season and a hot wet monsoon season.

- **Dry Season**

We experience cooler weather, with the coolest days in June to July. In September the weather starts to warm with daily averages creeping up. In late October the days can reach 40°C+ with humidity building up, there can be infrequent early violent thunder storms. In November to December thunder storms usually become more frequent with daily temperatures of around 40°C+ and extremely high humidity.

- **Wet Season**

Generally starts in January through to April with thunder storms and occasional Monsoonal rain brought in by infrequent Monsoonal troughs from the North.

Species Available

CYCAS
CERATUZAMIA
DIOON
ENCEPHALARTOS
ZAMIA







Cycad International Shipments Worldwide

Cycad International is situated in Katherine in the Northern Territory of Australia which is 320 km south of Darwin - the capital of our State. The town of Katherine developed because of its strategic location on the transcontinental trade route that terminates in Adelaide at one end and Darwin's new deep water port at the other.

The Darwin Port infrastructure facilitates trade into and out of northern Australia through the Port of Darwin.

The Darwin Port Corporation has a key role in trade facilitation through the Port of Darwin and the port's strategic geographical location and proximity to South East Asia, along with the rail connection to Adelaide, is establishing Darwin as a significant transport and logistics centre in the region.

The Darwin Port Corporation's East Arm and City wharves facilities principally serve the following shipping and cargo market segments:

- offshore oil and gas rig services;
- dry bulk imports and exports;
- petroleum and other bulk liquids;
- container and general cargo;

Large shipments by sea container can be sent by rail daily from Katherine straight to Darwin Port and shipped by sea vessel worldwide

Smaller shipments by international courier services can be sent daily from Darwin.





Cycad International

Contact Mr Josef Perner
Managing Director

Phone +61 8 8971 0335

Fax +61 8 8971 2689

Mobile +61 418 898 802

Email info@cycadinternational.com.au

Postal PO Box 435 Katherine 0851
Northern Territory, Australia

www.cycadinternational.com.au

2006 State
WINNER



2010
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BEST SMALL
PRODUCTION NURSERY

2010
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EXPORT AWARD



Setting the
Standards



Wise
about
Water



JUDGES COMMENDATION