

The Garden in honor of Her Royal Highness Princess  
Maha Chakri Sirindhorn on Her 55<sup>th</sup> Birthday

Garden in honor of Her Royal Highness Princess Chakri-Sirindhorn on Her 55<sup>th</sup> Birthday was established to celebrate the 55<sup>th</sup> birthday anniversary of H.R.H. Princess Maha Chakri Sirindhorn. It was located within the area of the Department of Agriculture. The Princess presided over the opening ceremony of the garden on March 19<sup>th</sup>, 2010.

The Commemorative Garden has been divided into two sections.

**1. Germplasm center of rare and endangered plant species**

This section covers the area of 7 rai. It is for the conservation of rare and endangered plant species. More than six hundred plant species, which are divided into 7 groups, have been landscaped in the garden.

**Group I: Vegetables**

96 Species

6 Rare species:

*Phlogacanthus pulcherrimus*  
T. Anders., *Ficus virens* Aiton  
var. *vivens*, *Terminalia tripterordws*  
Craib., *Zanthoizylum limonella* Alston,  
*Phyllanthus oxyphyllus* Miq., and  
*Broussonetia kurzii* (Hook.f.) Corner



***Broussonetia kurzii***  
(Hook.f.) Corner

**Group II: Scented plants**

93 Species

6 Rare species:

*Goniothalamus marcanii* Craib,  
*Anaxagorea javanica* Blume,  
*Michelia champaca* L.,  
*Mitrephora vandaeflora* Kurz,  
*Holarrhena pubescens*  
Wall. ex G. Don, and *Bauhinia winitii* Craib



***Bauhinia winitii*** Craib

**Group III: Thai Palms**

31 Species

10 Rare species:

*Licuala spinosa* Thunb.,  
*Livistona jenkinsiana*,  
*Kerriodoxa elegans* J. Dransf.,  
*Licuala peltata* var. *sumawongii*,  
*Wallichia disticha* T. Anderson,  
*Johannesteijsmannia altifrons*  
(Rchb. f. & Zoll.) H.E. Moore,  
*Cocos nucifera* L., *Corypha lecomtei* Becc., *Arenga hookerana* (Becc.) T.W. Whitm., and *Areca catechu* L.,



***Johannesteijsmannia altifrons*** (Rchb. f. & Zoll.)  
H.E. Moore

**Group IV: Local plants**

118 Species

24 Rare species:

*Milletia brandisiana* Kurz,  
*Cyathostemma micranthum*  
(A.DC.) J. Sinclair,



***Ochnea integerrima***  
(Lour.) Merr.

*Musa acuminata* Colla., *Polyalthia suberosa* (Roxb.) Thwaites,  
*Afgekia mahidoliae* B.L. Burt et Chermisr., *Santisukia pagetii*  
(Craib) Brummilt, *Gardenia sootepensis* Hutch., *Diospyros decaandra* Lour., *Magnolia sirindhorniae* Noot. &  
Chalermklin, *Ochna integerrima* (Lour.) Merr., and *Arenga pinnata* (Wurmb) Merr.

**Group V: Economic plants**

61 Species: *Coffea arabica* L.,

*Coffea robusta* Linden,

Rambutan, Mangosteen etc.



***Garcinia mangostana*** Linn.

**Group VI: Medicinal plants**

105 Species

9 Rare species:

*Cinnamomum camphora* (L.)  
J. Presl, *Cinnamomum porrectum* ***Croton stellatopilosus*** Ohba  
(Roxb.) Kosterm., *Uvaria cordata*  
(Dunal) Alston, *Croton stellatopilosus* Ohba, *Feroniella lucidas* (Scheff.) Swingle, *Harrisonia perforata* (Blanco) Merr., *Cinnamomum bejolghota* (Buch.-Hum.) Sweet



**Group VII: Bamboos**

27 Species:

*Dendrocalamus brandisii* Kurz.syn, *Bambusa nana* Roxb,  
*Schizostachyum brachycladum* Kurz., *Bambusa blumeana* Schultes, *Dendrocalamus Latiforus*, *Bambusa arudinaceae* Wild., *Bambusa vulgaris* Schrad,  
*Phyllostachys sulphurea* etc.

## 2. Learning center for H.M. King's New Theory in agriculture

The New Theory is the most distinct concrete example of the application of sufficiency economy. His Majesty the King has initiated this philosophy to help farmers who usually suffer from the impact of natural disasters and external factors in their occupation to get survive in critical times, especially droughts, without too much hardship. The New Theory is therefore a guideline or principle for the administration and management of land and water in farming on a small plot of land to achieve the highest benefit.

The land is divided into four parts with a ratio of 30:30:30:10 as following:

- The first 30 percent is designated for a pond to reserve rain water during rainy season and supply water for crops and animals during dry season.
- The second 30 percent is set aside for rice cultivation for the family's daily consumption throughout the year to cut down the expense and also for growing rotated crops.
- The third 30 percent is used for growing fruits and perennial trees as main crop and for growing vegetables, field crops and herbs

as intercrops for daily consumption and to gain more daily income.

- The last 10 percent is for accommodation, rice barn and mushroom cultivation.



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Department of Agriculture  
Jatujak, Bangkok  
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