

# **VARIETAL GARDEN**

# **GARDEN OF DIVERSITY**

HARITHA KRISHNA ECO-CLUB

**ROCK GARDEN**



**AQUATIC GARDEN**



**VERTICAL GARDEN**



**DR V S KRISHNA GOVERNMENT DEGREE COLLEGE (A),  
VISAKHAPATNAM**

## Preface

The botanical garden of Dr. V. S. Krishna College has been named the **Harithe Krishna Botanical Garden** in honour of its founder, Vasireddy Sri Krishna shortly V. S. Krishna and maintained by Haritha Krishna Eco-Club. This album presents a curated collection of plants in the botanical garden of Dr. V. S. Krishna Government Degree College (A), meticulously categorized into specialized types of gardens, each contributing its own unique aesthetic, functional and environmental value.

The **xerophytic garden** stands as a tribute to resilience, showcasing plants that thrive in harsh, water-scarce environments. These drought-tolerant species, such as true xerophytes, succulents and cacti, not only minimize water usage but also bring a stunning, sculptural beauty to arid landscapes. Similarly, **vertical gardens**, with their space-saving ingenuity, highlight the way plants can be integrated into even the smallest urban settings, transforming walls into lush, green walls.

**Medicinal gardens** offer a return to nature's pharmacy, featuring plants revered for their healing properties across cultures and centuries. From the soothing **basil** to the powerful **aloe vera**, these plants serve as natural remedies that promote health and wellness. In contrast, **aquatic gardens** celebrate the tranquility and diversity of water-loving plants, creating peaceful water features that support a unique ecosystem of aquatic flora and fauna.

In our quest for harmonious living, **mosquito repellent plants** such as citronella, lemongrass, and marigold provide a natural solution to keep pests at bay, enhancing outdoor comfort while reducing reliance on chemical repellents. Meanwhile, **fragrant plants**, like jasmine and lavender, captivate the senses, infusing gardens with aromatic delight that uplifts the spirit.

This album also pays homage to **ornamental gardens**, where beauty is the primary focus. These gardens celebrate the artistry of plants with showy blooms, striking foliage, and elegant forms that elevate any space into a living work of art. The **rare plant section** highlights some of the world's most unique and extraordinary species such as red sanders, sandal wood and Rudraksh plants that are not only visually captivating but also ecologically significant, adding a sense of wonder and discovery to this collection. For those who appreciate the practical side of gardening, the sections on **vegetable gardens** and **fruit gardens** offer inspiration for growing your own fresh produce.

This album is a compilation of the infinite diversity of plants and this collection will inspire gardeners, nature lovers, and plant enthusiasts to explore the richness and beauty of plants in all their forms, discovering how they can transform landscapes, elevate wellness, and deepen our connection to the natural world.

**Dr. A. H. D. Pushpa Latha**  
**Lecturer in botany**  
**Dr. V. S. K. GDC (A)**  
**Visakhapatnam**

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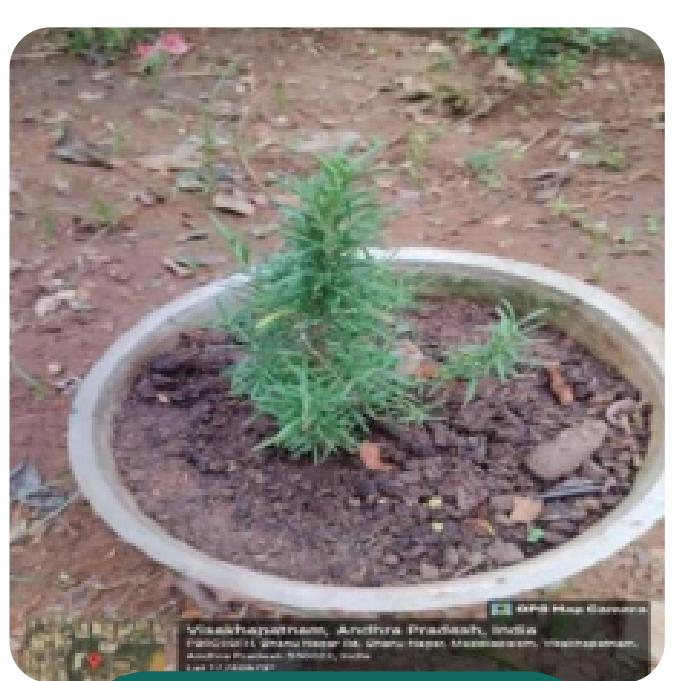
# Botanical garden



Kanuga

*Pongamia pinnata*

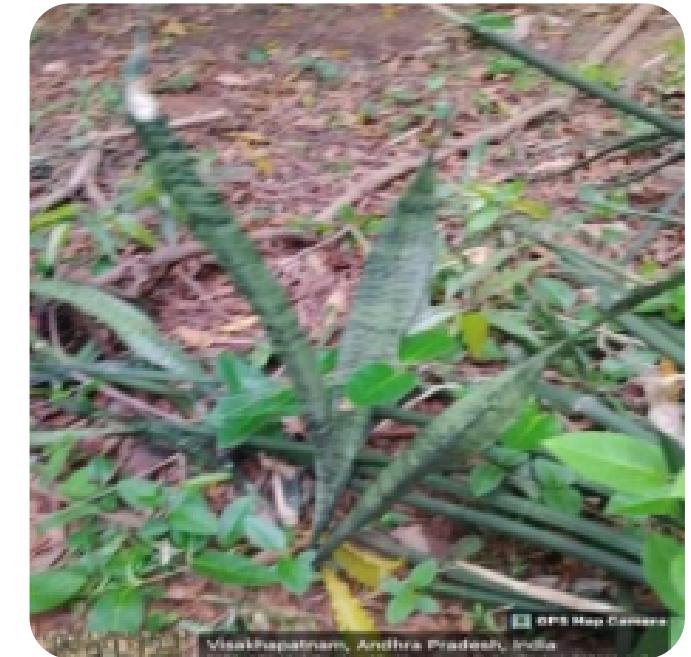
Fabaceae



Rose Mary

*Salvia Rosmarinus*

Lamiaceae



Sansevieria

Asperagaceae



Spider plant

*Chlorophytum comosum*

Asperagaceae

# Botanical garden



Aparajitha (sankhu)

*Clitoria ternatea*

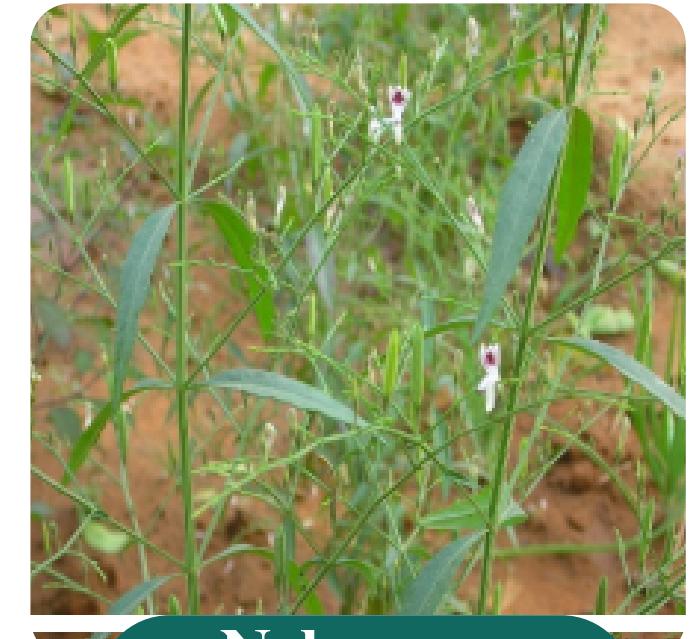
Fabaceae



Lanatani

*Anodendron paniculatum*

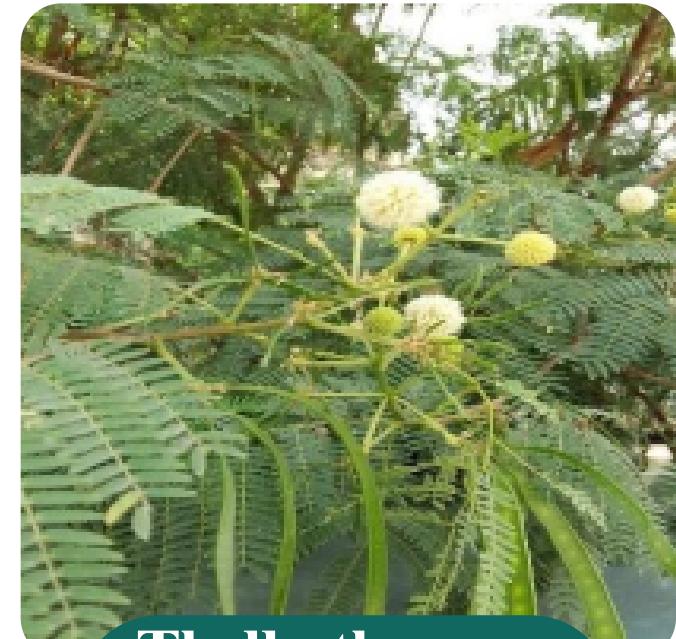
Apocynaceae



Nela vemu

*Andrographis paniculata*

Acanthaceae

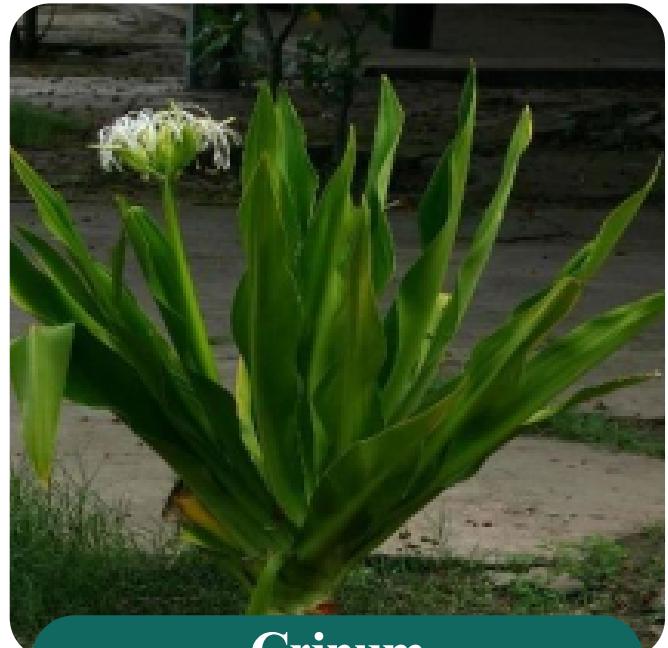


Thella thumma

*Vachellia leucophloea*

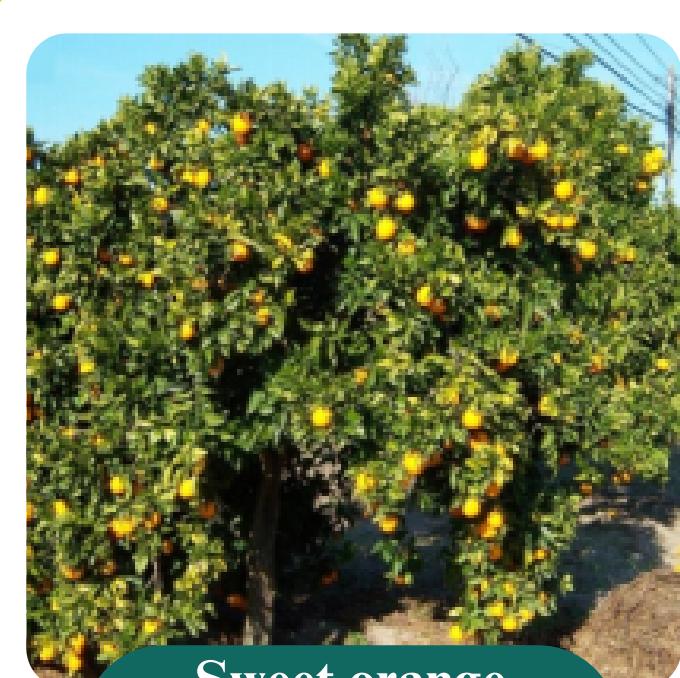
Fabaceae

# Botanical garden



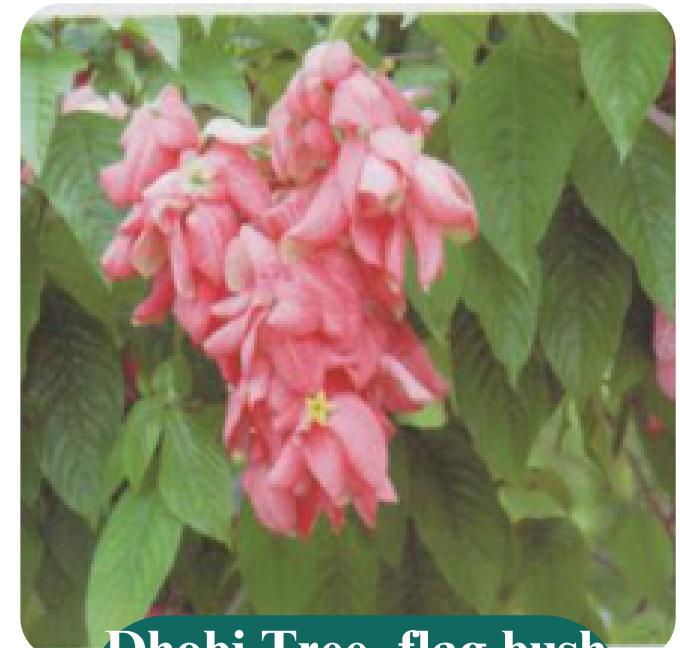
**Crinum**

*Crinum asiaticum*  
Amaryllidaceae



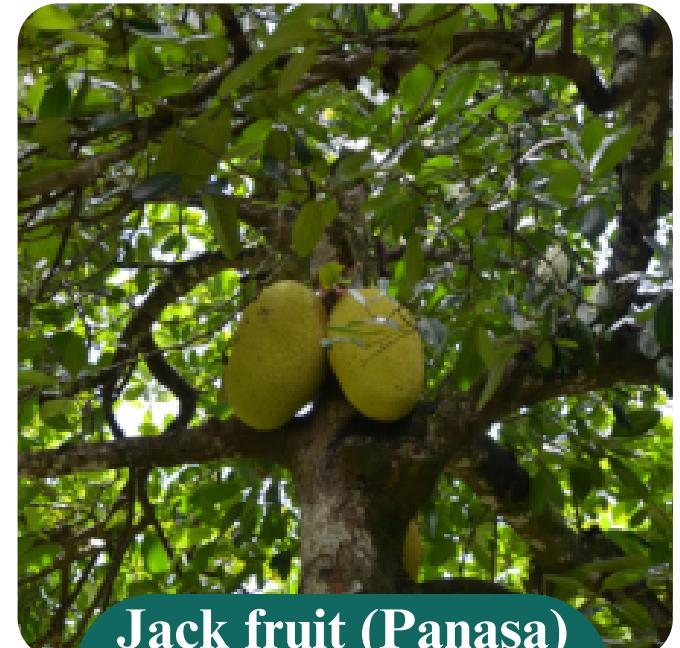
**Sweet orange**

*Citrus sinensis*  
Rutaceae



**Dhobi Tree, flag bush**

*Mussanda glabra*  
Rubiaceae



**Jack fruit (Panasa)**

*Artocarpus heterophyllus*  
Moraceae

# Botanical garden



Maredu

*Aegle marmelos*

Rutaceae



Rain tree

*Albizia saman*

Fabaceae



Nalla tumma

*Acacia nilotica*

Fabaceae

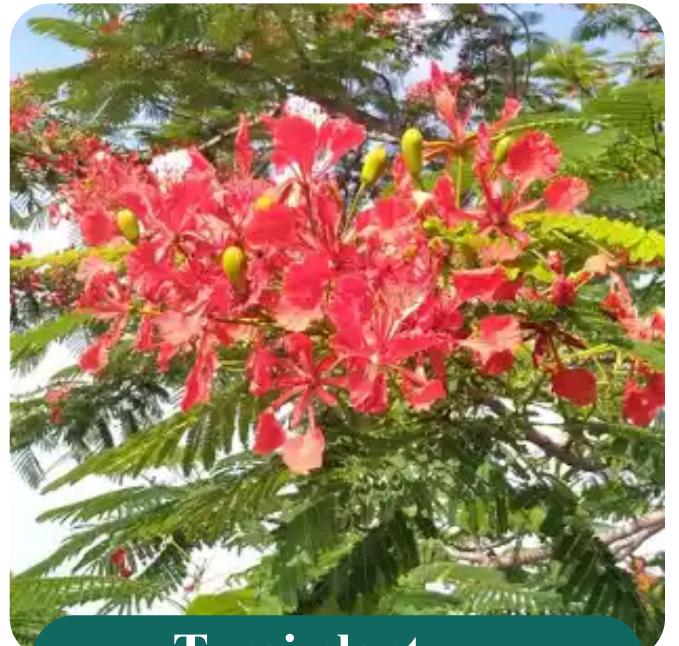


Cook's pine

*Araucaria heterophyllus*

Auracariaceae (Gymnosperm)

# Botanical garden



Turai plant

*Delonix regia*

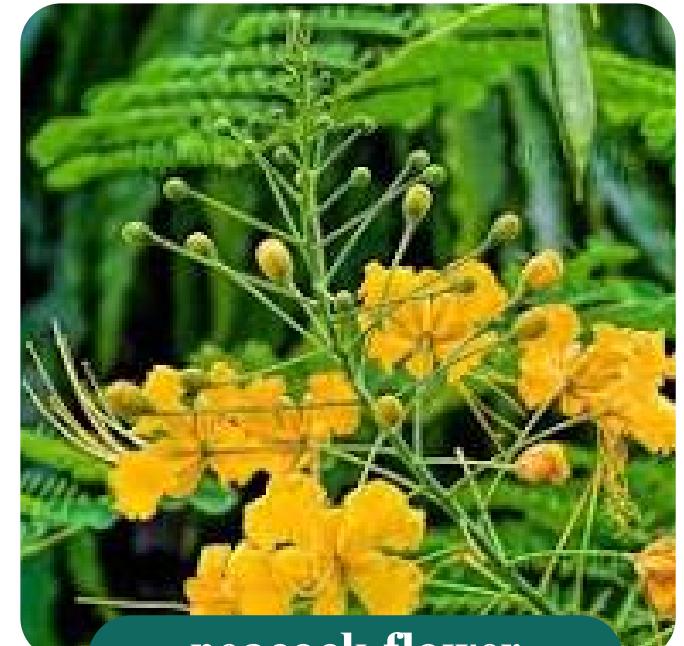
Fabaceae



Butterfly tree

*Bauhinia variegated*

.  
Fabaceae



peacock flower

*Caesalpinia pulcherrima*

Fabaceae

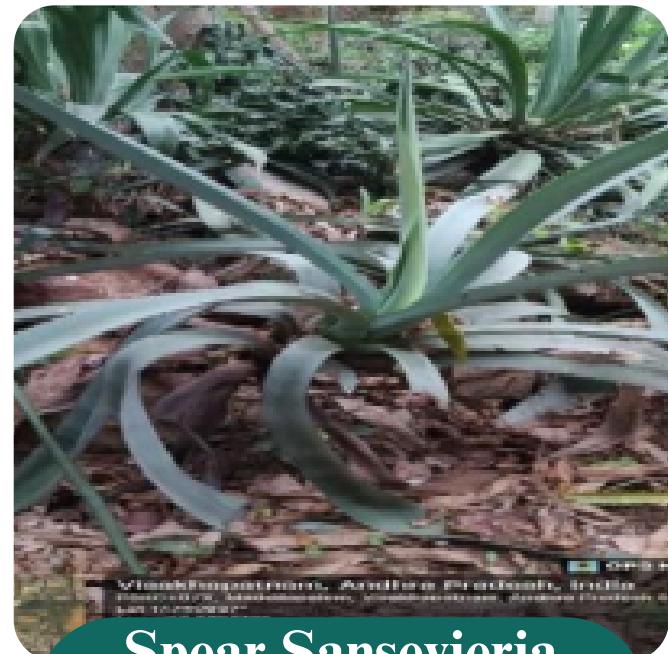


Spear Sansevieria

*Dracaena angolensis*

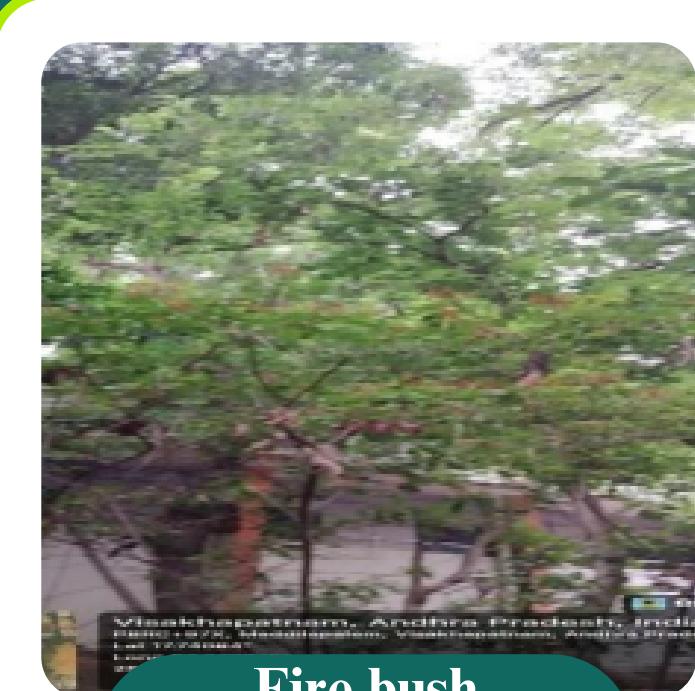
(synonym *Sansevieria cylindrica*),  
Asparagaceae

# Botanical garden



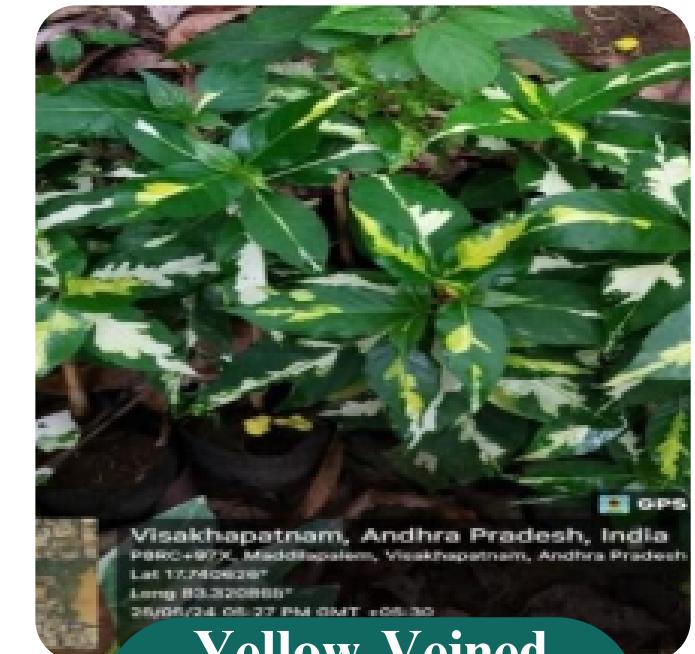
Spear Sansevieria

Asparagaceae



Fire bush

*Hamelia patens*  
Rubiaceae



Yellow-Veined  
Eranthemum

*Pseuderanthemum*  
*carruthersii*  
Acanthaceae



caricature plant

*Graptophyllum pictum*  
Acanthaceae

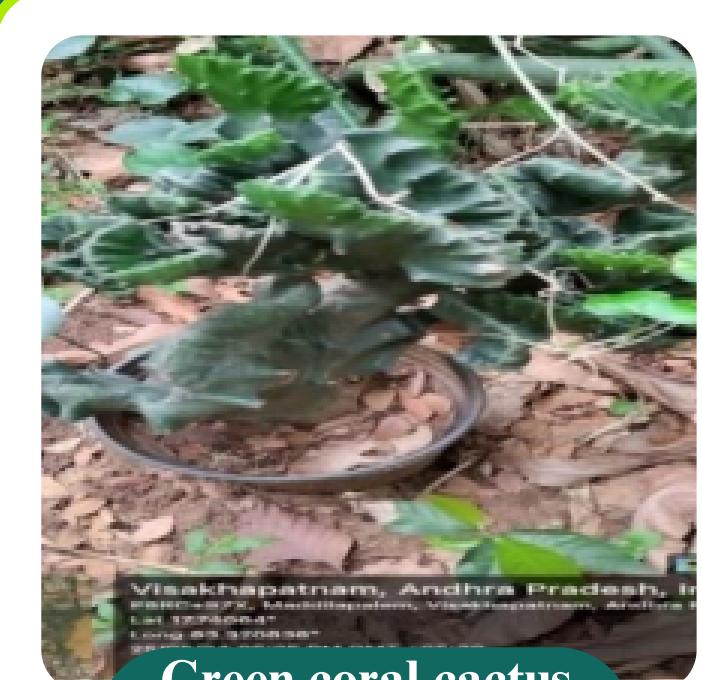
# Botanical garden



**Song of India**

*Dracaena; Vand. ex L.*

Asparagaceae



**Green coral cactus**

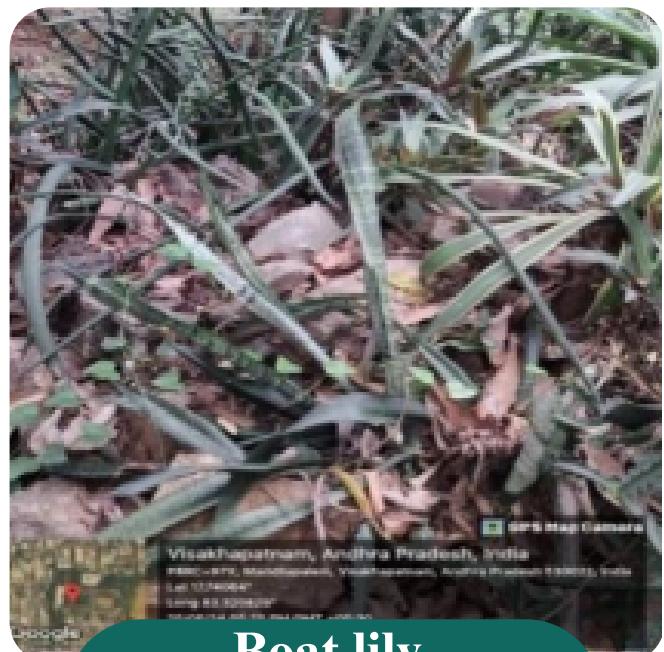
*Euphorbia lactea*  
Cactaceae



**Nidra ganneru**

*Sammania saman*

Fabaceae



**Boat lily**

*Tradescantia spathacea*

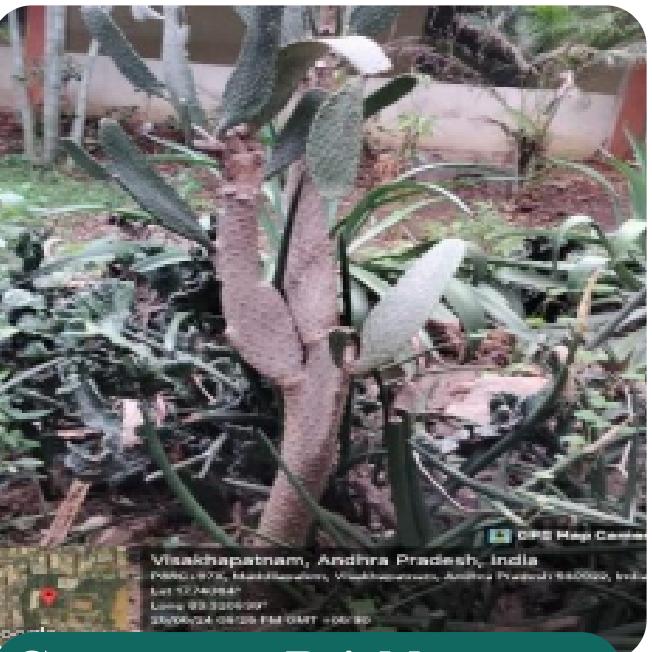
Commelinaceae

# Rock garden



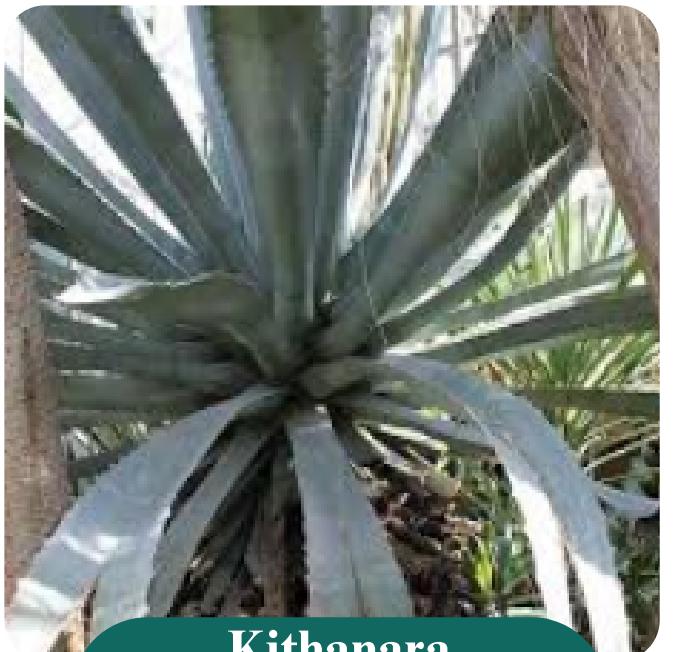
Spear Sansevieria

*Dracaena angolensis*  
(synonym *Sansevieria cylindrica*),  
Asparagaceae



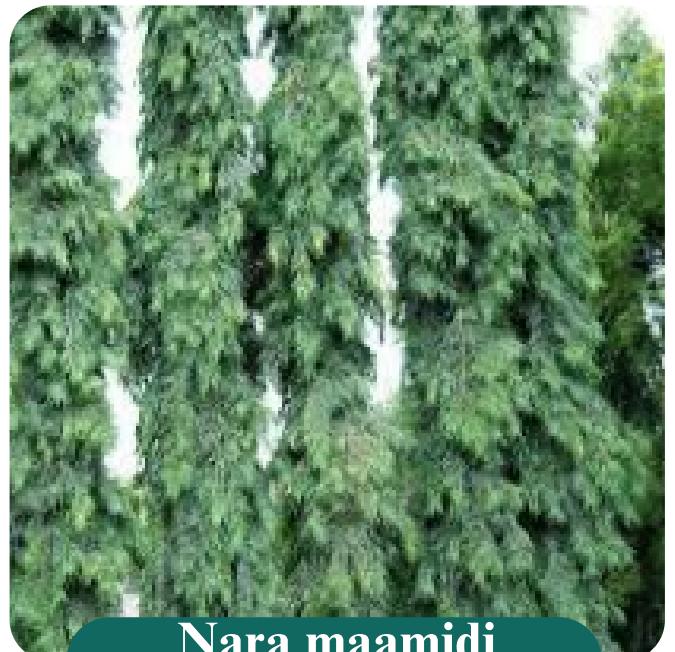
Cow tongue Prickly pear

*Opuntia engelmannii*  
Cactaceae



Kithanara

*Agave americana*  
Asperagaceae



Nara maamidi

*Polyalthia longifolia*  
Annonaceae.

# Rock garden



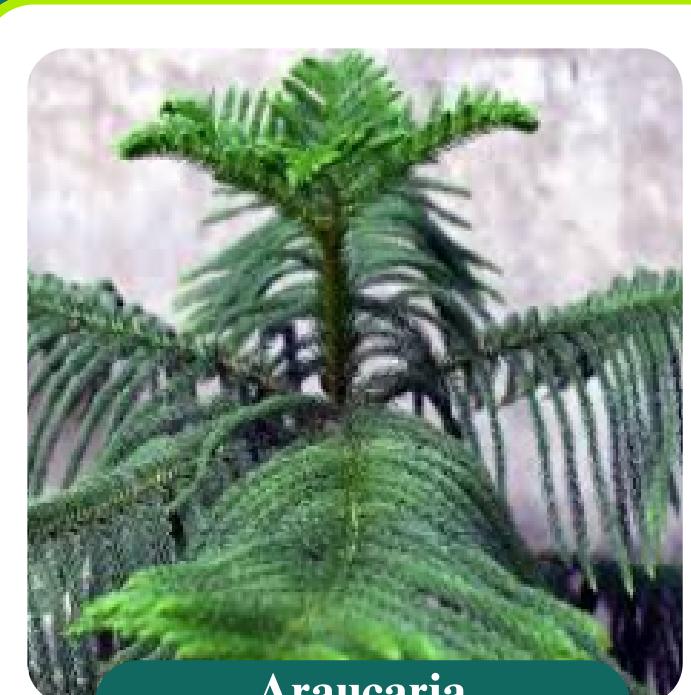
Boat lily

*Tradescantia spathacea*  
Commelinaceae



Card board palm

*Zamia furfuracea*  
Arecaceae



Araucaria.

*Araucaria; Juss.*

Araucariaceae



Acacia dealbata

*Acacia dealbata*  
Fabaceae

# Rock garden



Brahmakamal

*Epiphyllum phyllanthus* O.  
Cactaceae



Marketing

*Euphorbia milii* Des Moul.  
Euphorbiaceae



kada jamudu

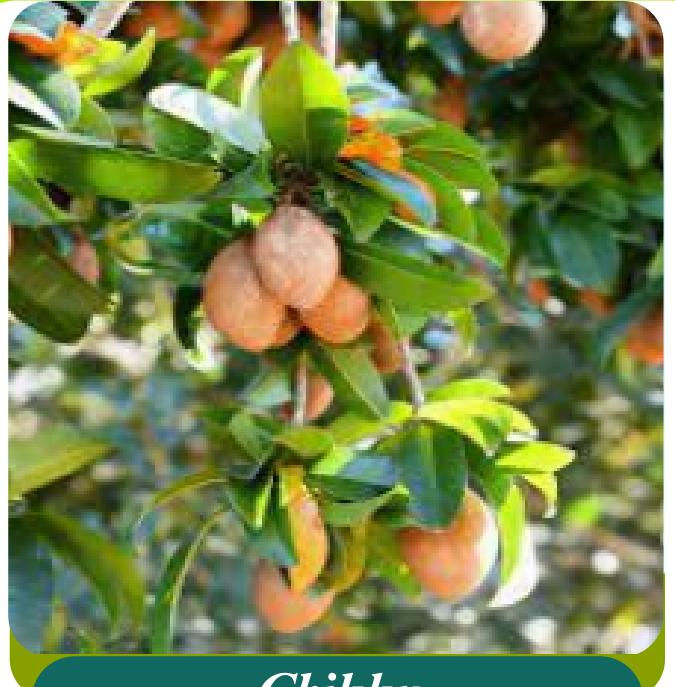
*Euphorbia tirucalli* L.  
Euphorbiaceae



ranapala

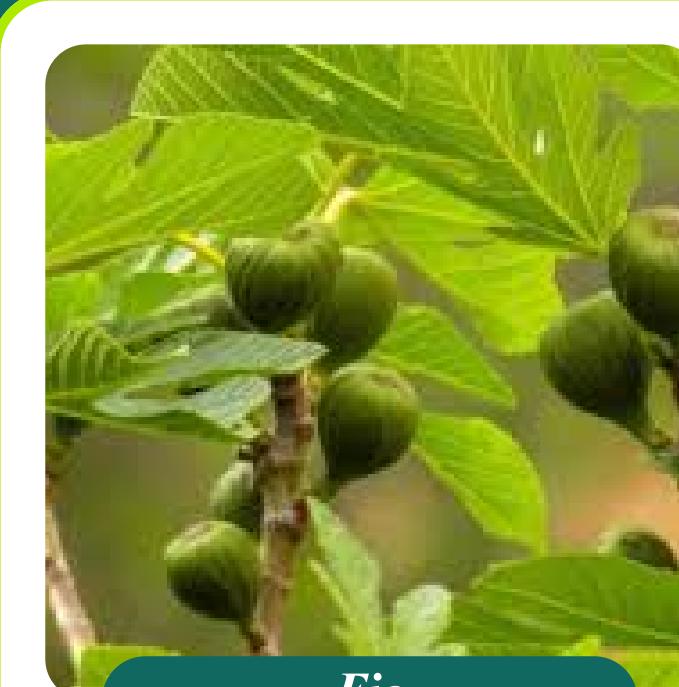
*Bryophyllum* sp.  
Caryophyllaceae

# Fruit garden



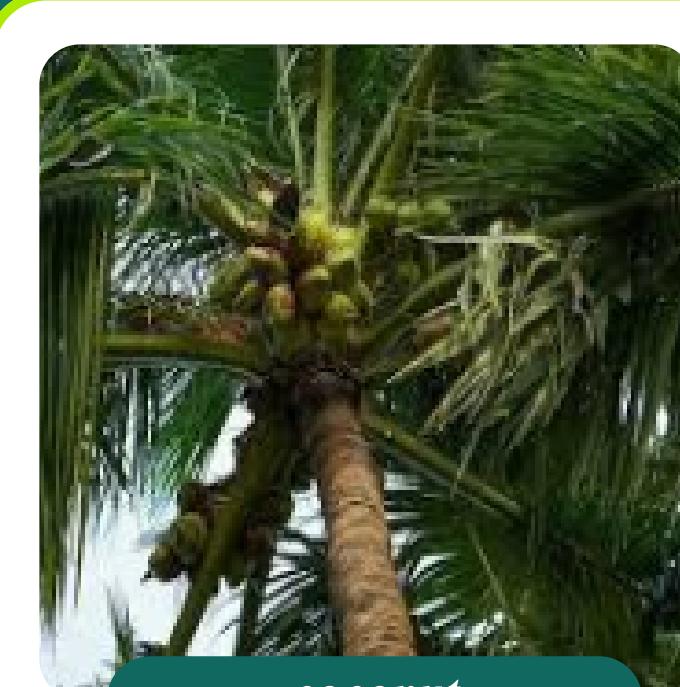
*Chikku*

*Manilkara zapota (L.) P.Royen*  
*Sapotaceae*



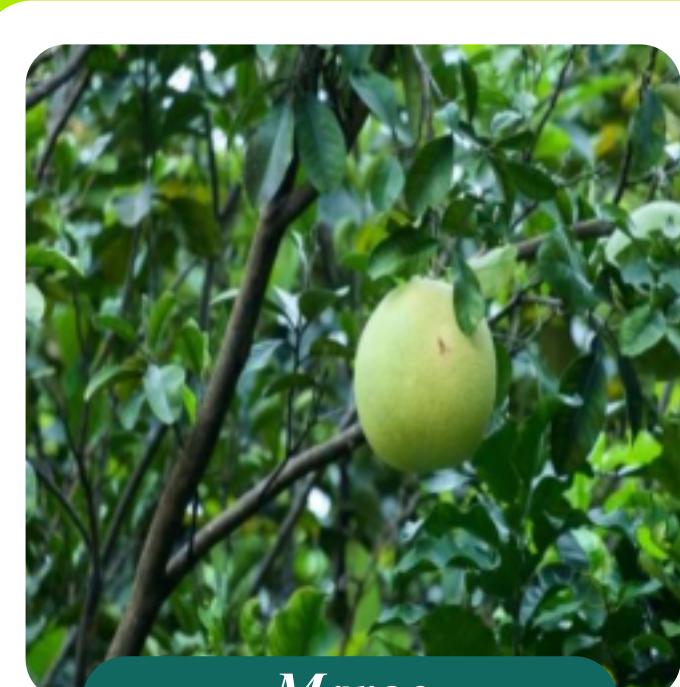
*Fig*

*Ficus carica L.*  
*Moraceae*



*coconut*

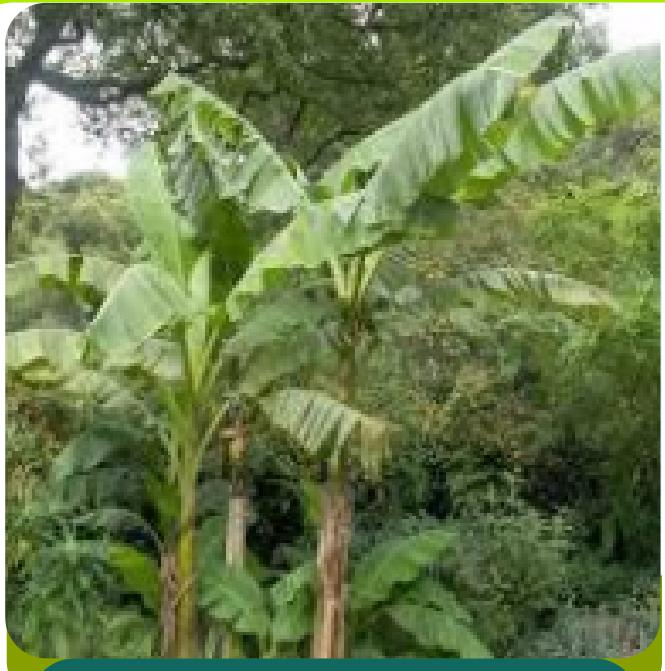
*Cocos nucifera L.*  
*Arecaceae*



*Mango*

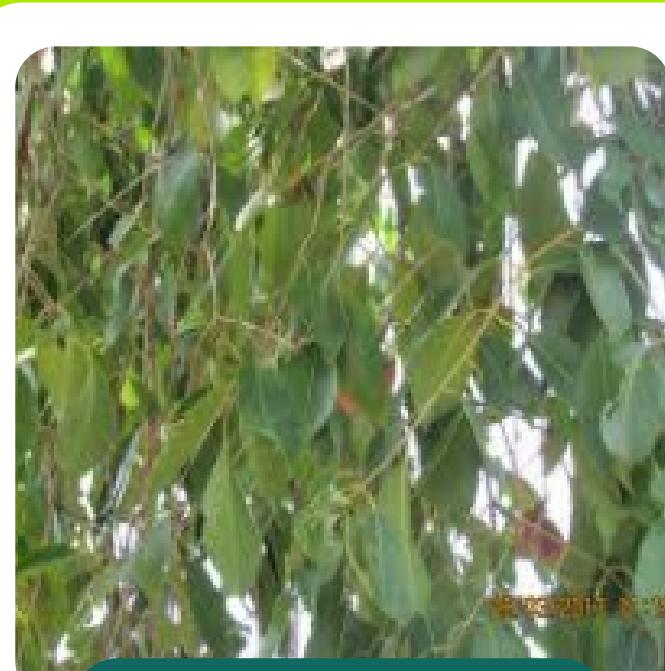
*Mangifera indica L.*  
*Moraceae*

# Fruit garden



**Banana**

*Musa paradisiaca L.*  
Musaceae



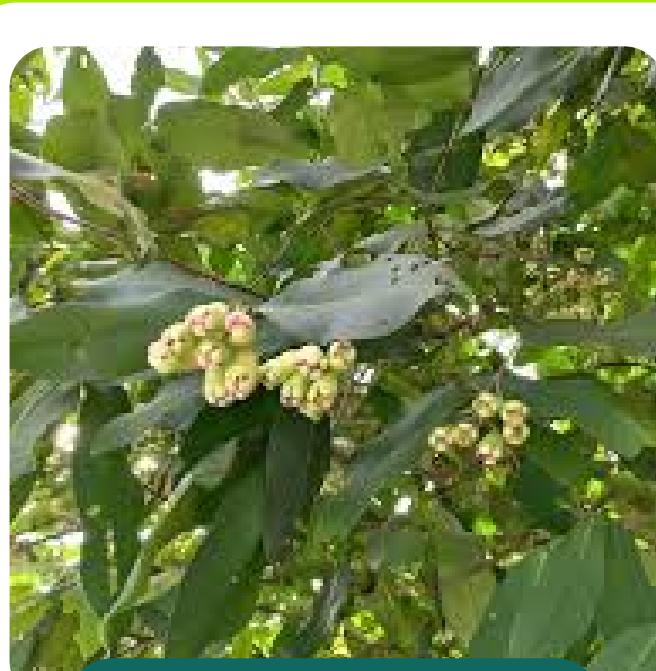
**Neredu**

*Syzygium cumini*  
Myrtaceae



**Guava**

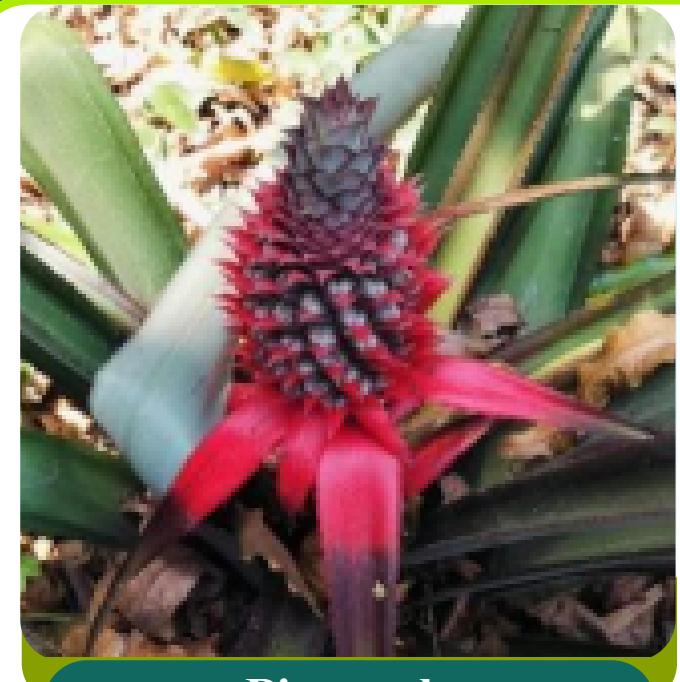
*Psidium guajava L.*  
Myrtaceae



**water apple**

*Syzygium samarangense*  
Myrtaceae

# Fruit garden



Pine apple

*Ananas sativus L.*

Bromeliaceae



Grape

*Vitis vinifera L.*

Vitaceae



Star Fruit

*Averrhoa carambola*

Oxalidaceae

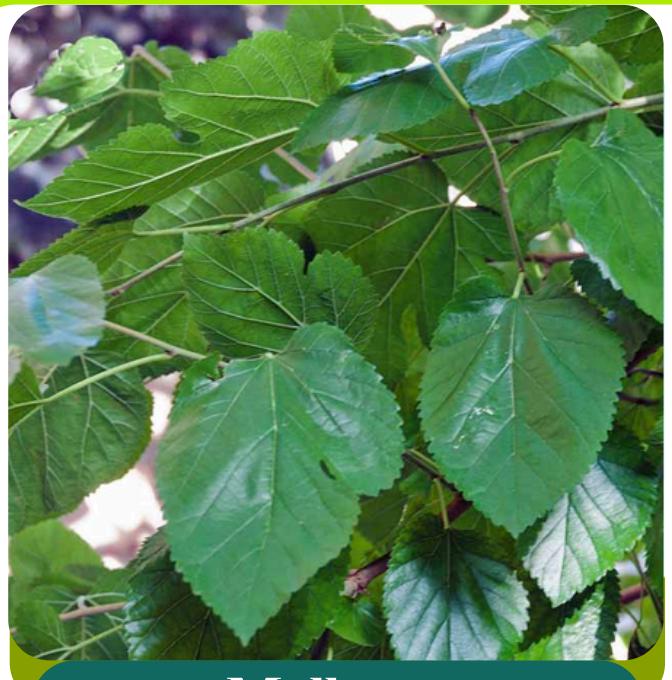


Jackfruit

*Artocarpus heterophyllus L.*

Moraceae

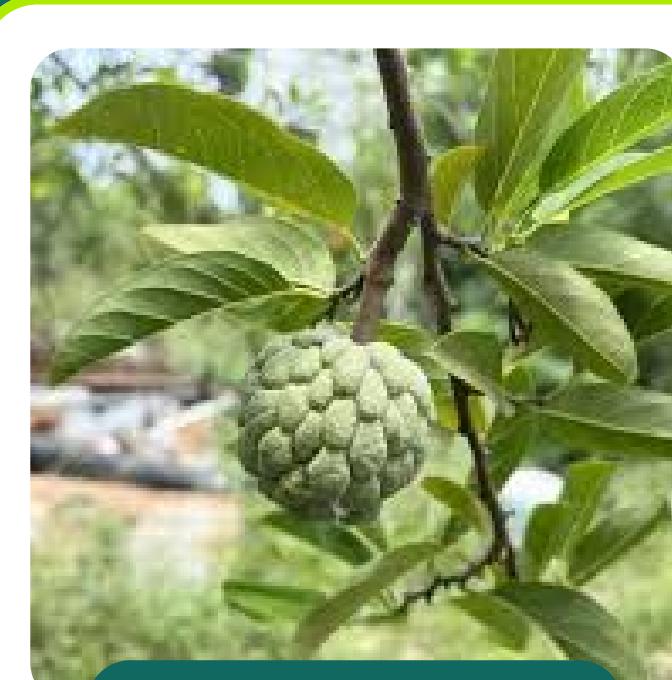
# Fruit garden



Mulberry

*Morus alba L.*

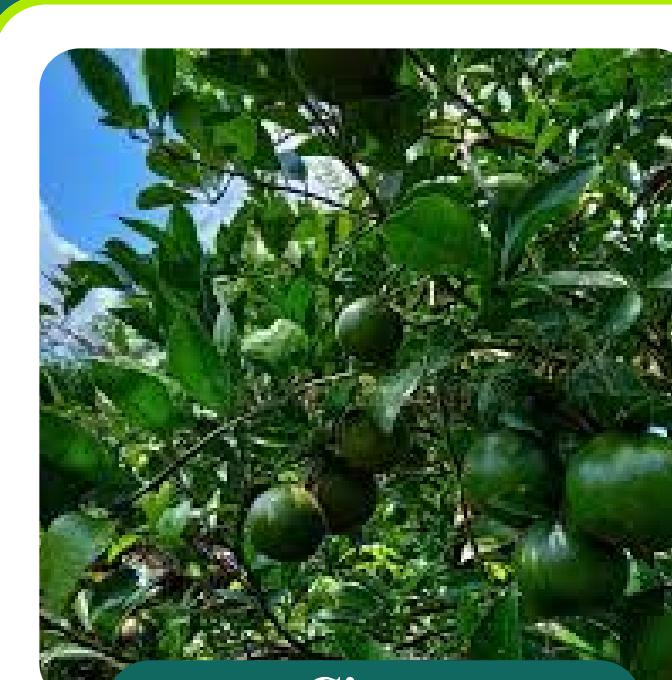
Moraceae



Custard Apple

*Annona Reticulata L.*

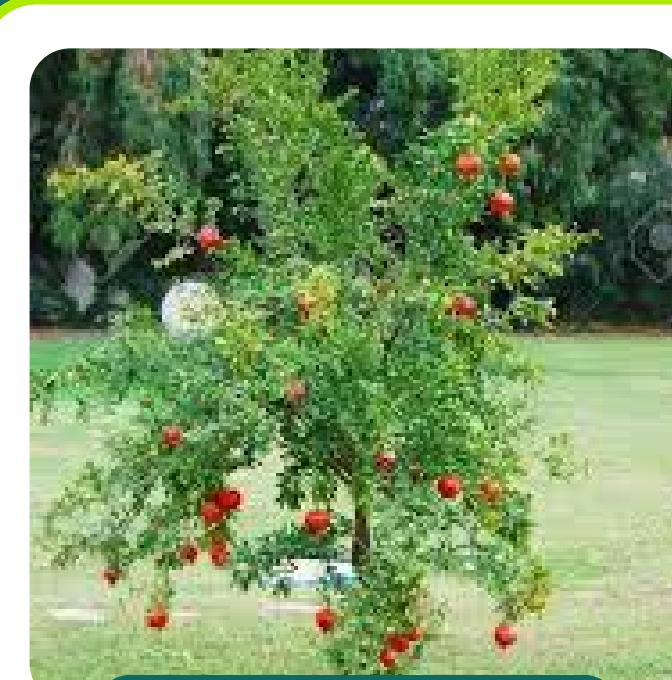
Annonaceae



Citrus

*Citrus* sp.

Rutaceae



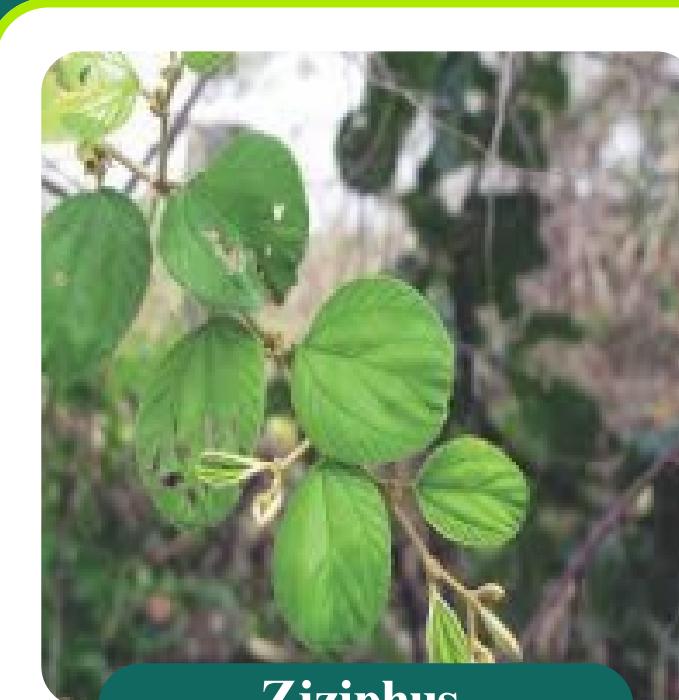
Pomegranate

*Punica granatum* Lythraceae

# Fruit garden



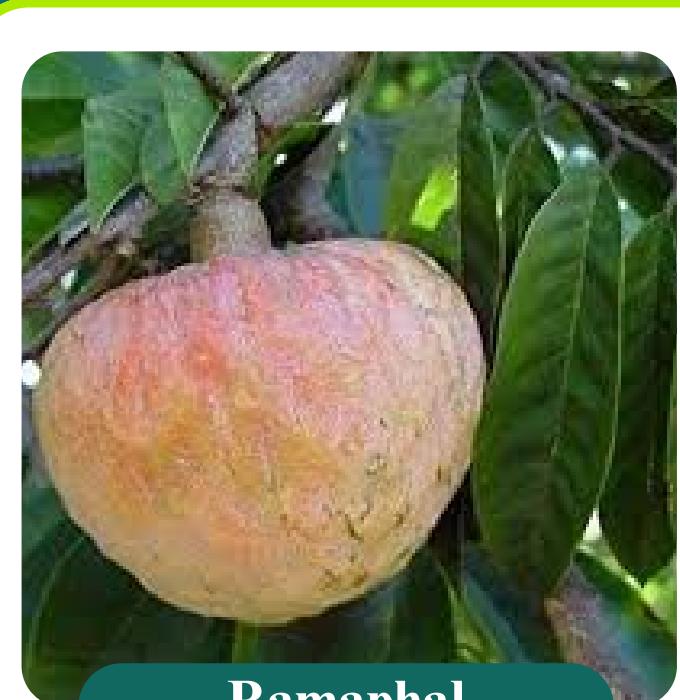
**Dragon Fruit**  
*Selenicereus undatus*  
Cactaceae



**Ziziphus**  
*Ziziphus mauritiana*  
Lam.  
Rhamnaceae



**Cashew nut**  
*Anacardium occidentalis*  
Anacardiaceae



**Ramaphal**  
*Annona reticulata*  
Annonaceae

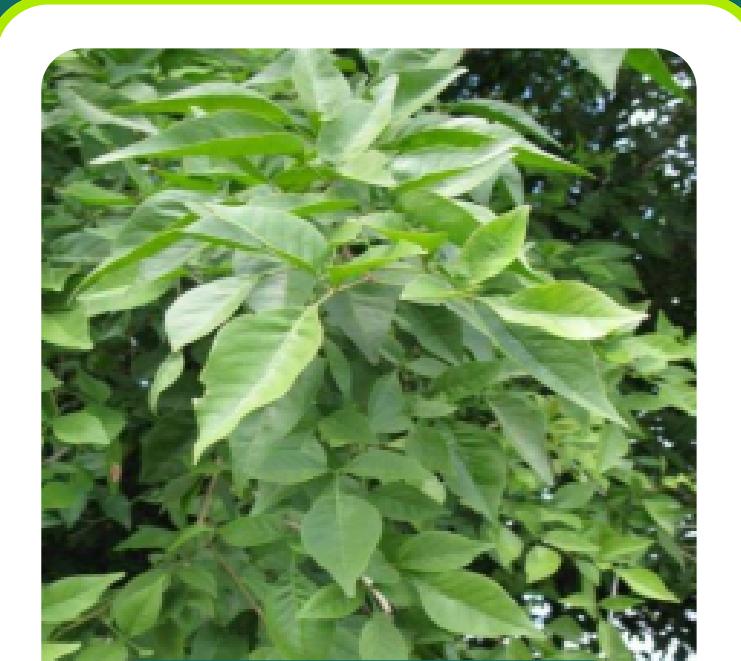
# Medicinal garden



Nelavemu

*Andrographis paniculata*

Acanthaceae



Maredu

*Aegle marmelos*

Rutaceae



Neem

*Azadirachta indica*

Meliaceae



*Typhonium trilobatum (L.) Schott*

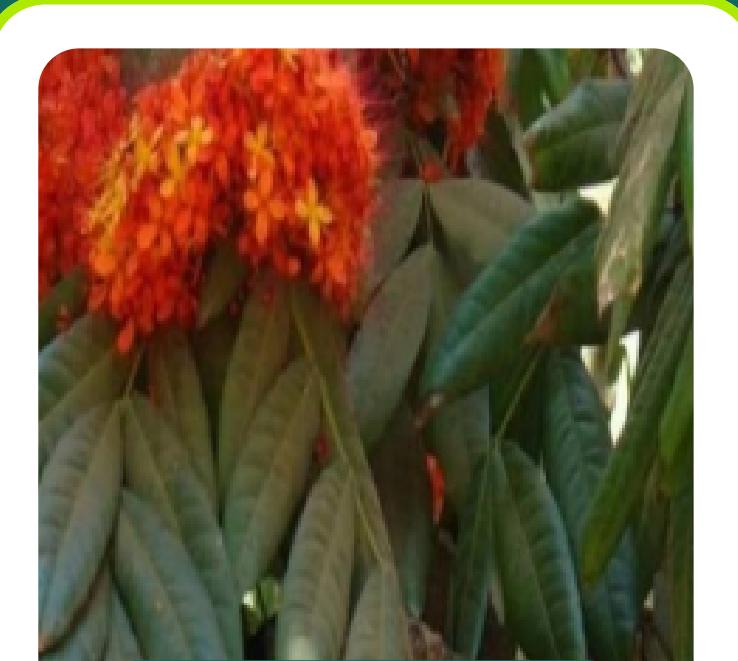
Araceae

# Medicinal garden



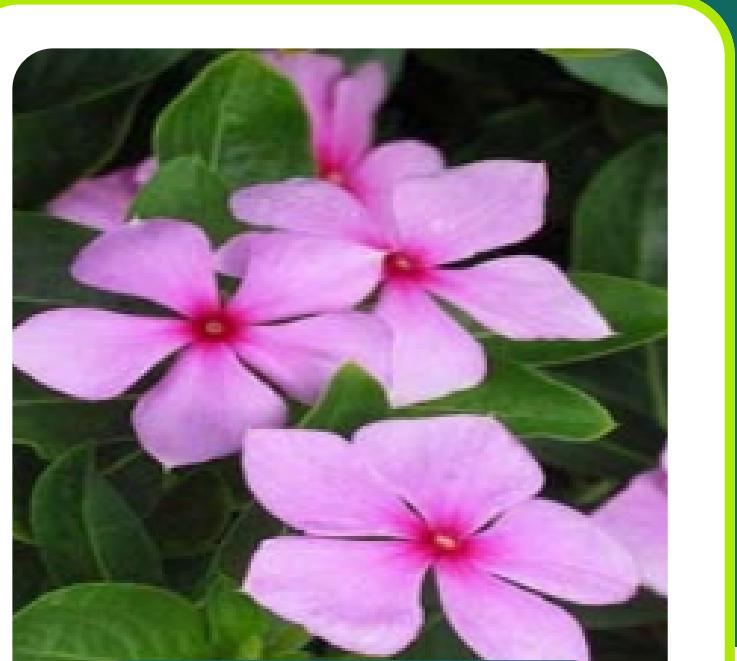
Amla

*Phyllanthus emblica*  
Euphorbiaceae



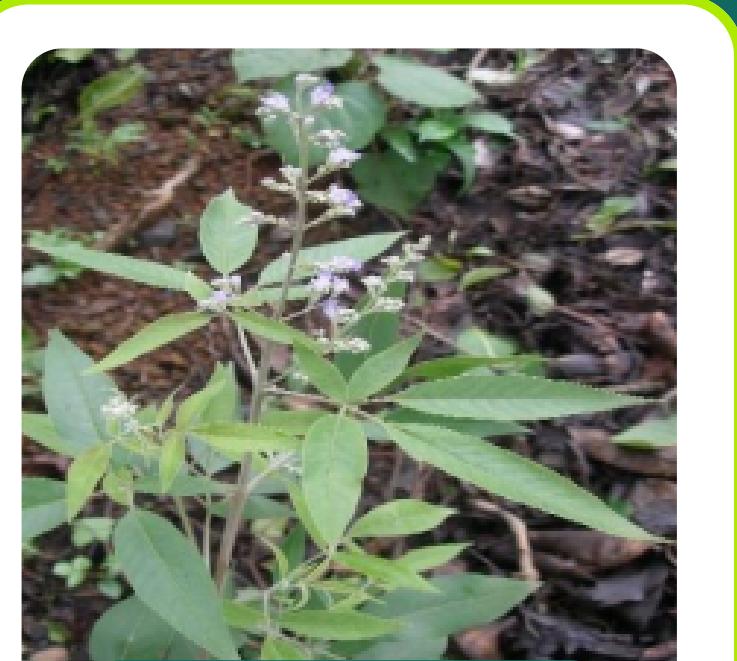
Sita Asoka

*Saraca asoca*  
Fabaceae



periwinkle

*Catharanthus*  
Apocynaceae



vavili

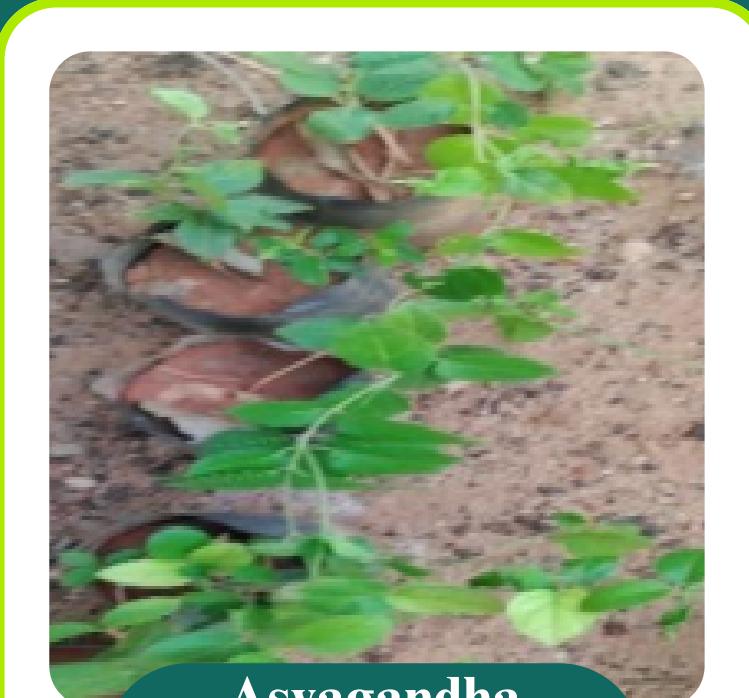
*Vitex negundo*  
Lamiaceae

# Medicinal garden



*Eucalyptus*

*Eucalyptus; L'Hér.*  
Myrtaceae



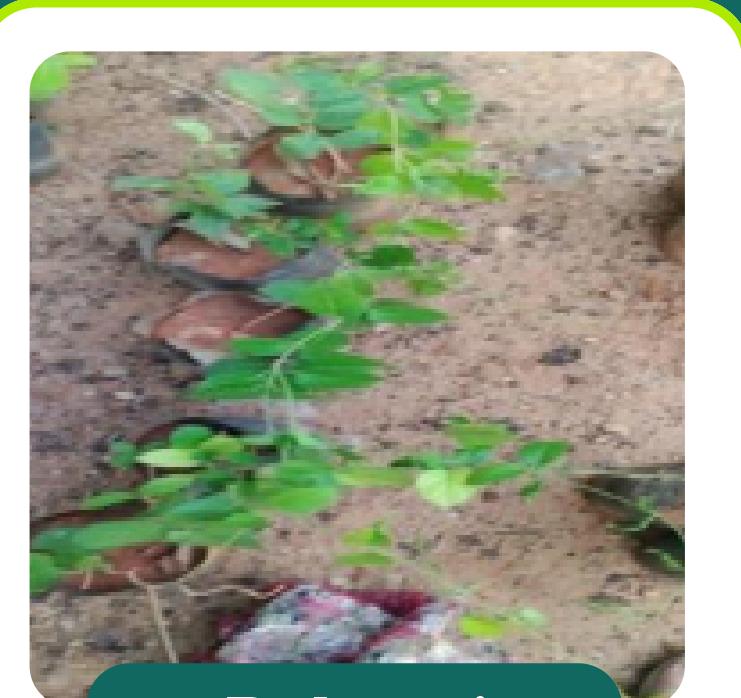
*Asvagandha*

*Withania somnifera*  
Solanaceae



*Lavang Tulasi*

*Ocimum gratissimum*  
Lamiaceae



*Podapatri*

*Gymnema sylvestre*  
Asclepiadaceae

.

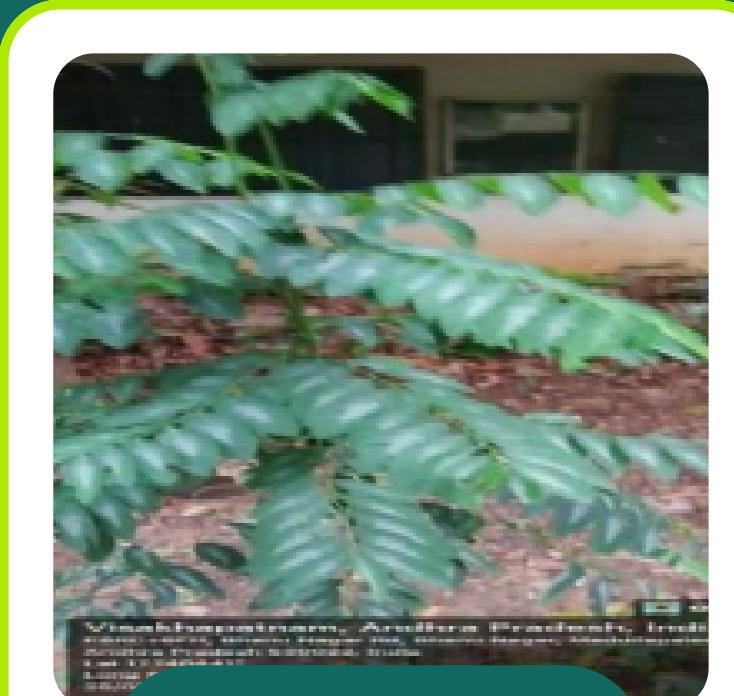
# Medicinal garden



Vaamu aaku

*Coleus amboinicus*

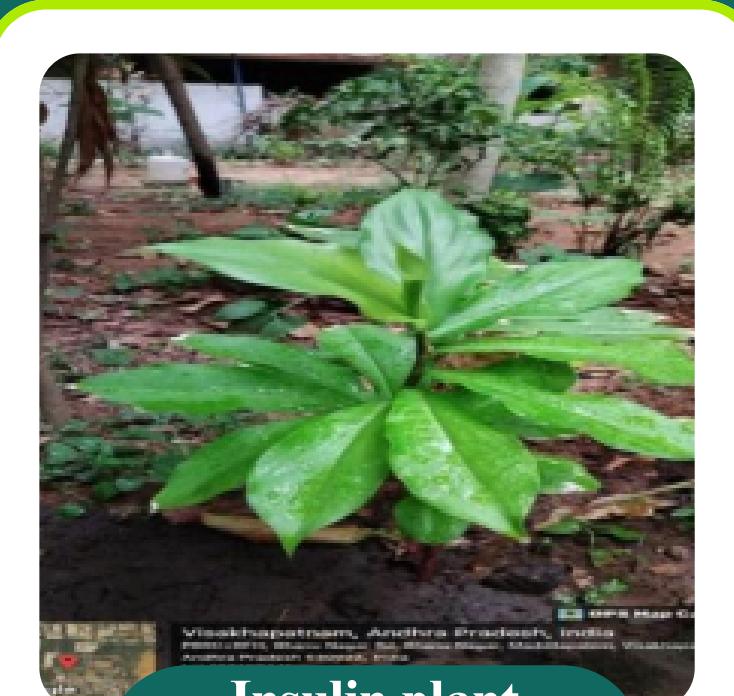
Lamiaceae



Multi vitamin plant

*Sauvagesia androgynus*

Euphorbiaceae



Insulin plant

*Costus igneus*

Costaceae



Cinnamon (dalchin)

*Syzygium aromaticum*

Myrtaceae

# Medicinal garden



Sarpagandha

*Rauvolfia serpentina*

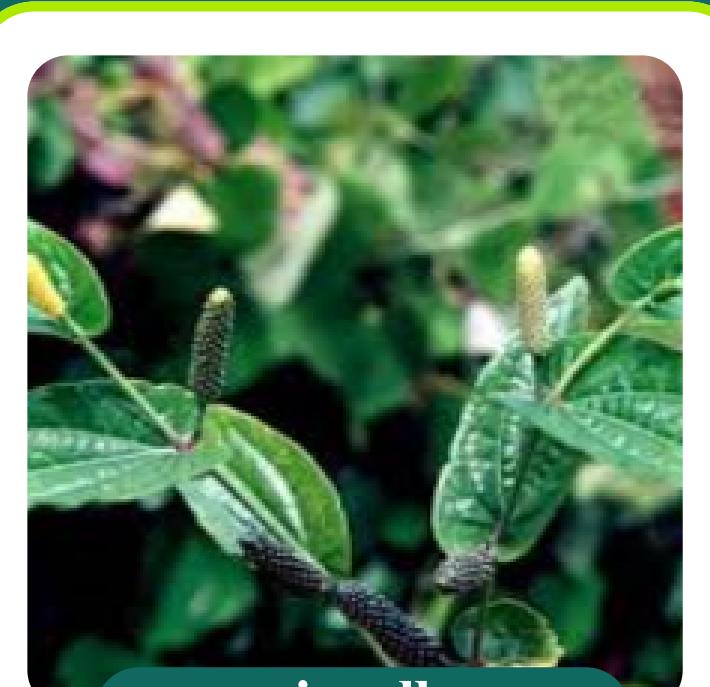
Apocynaceae



Tippateega

*Tinospora cordifolia*

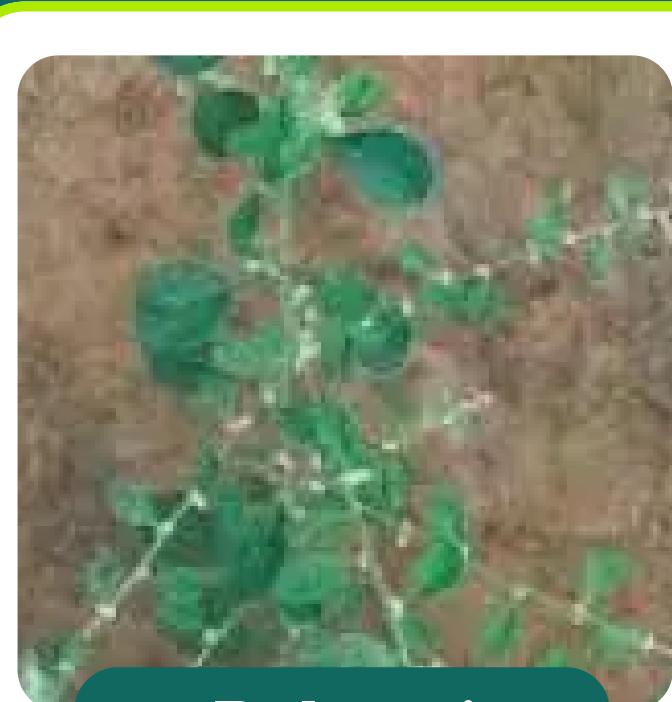
Menispermaceae



pippallu

*Piper longum*

Piperaceae



Podapatri

*Ouret lanata*

Amaranthaceae

# Medicinal garden



**Tinospora cordifolia**  
(Thunb.) Miers

Menispermaceae



**Rudraksha**  
*Elaeocarpus angustifolius*  
Blume  
Elaeocarpaceae



**fenugreek**

*Trigonella foenum-graecum*  
Faboideae



**Ginger**

*Zingiber officinale*  
Zingiberaceae

# Unique plants



**Red sanders**

*Pterocarpus santalinus*

Fabaceae



**Biodiesel Plant**

*Jatropha curcas L.*

Euphorbiaceae



**Brahmakamal**

*Epiphyllum oxypetalum*

Cactaceae



**Pitcher plant**

*Nepenthes sp.*

Nepenthaceae

# Aquatic garden



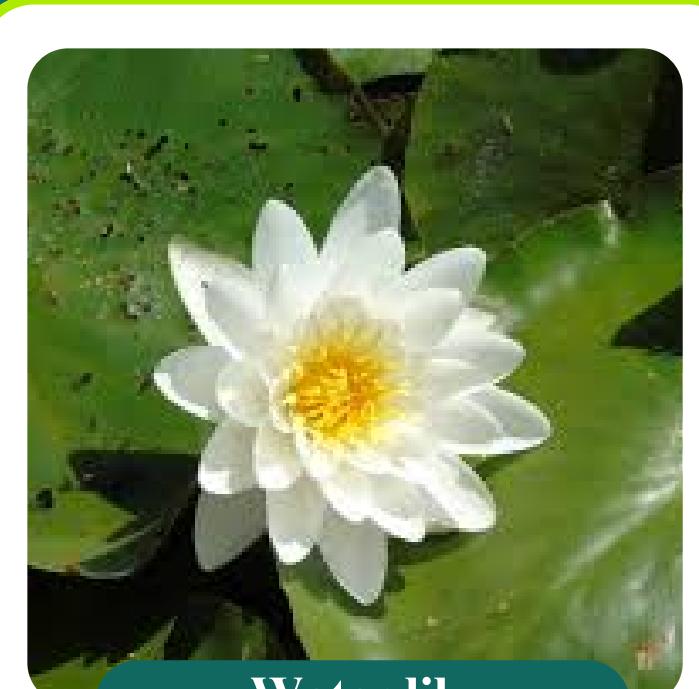
Aquatic pteridophyte

Pteridophyte



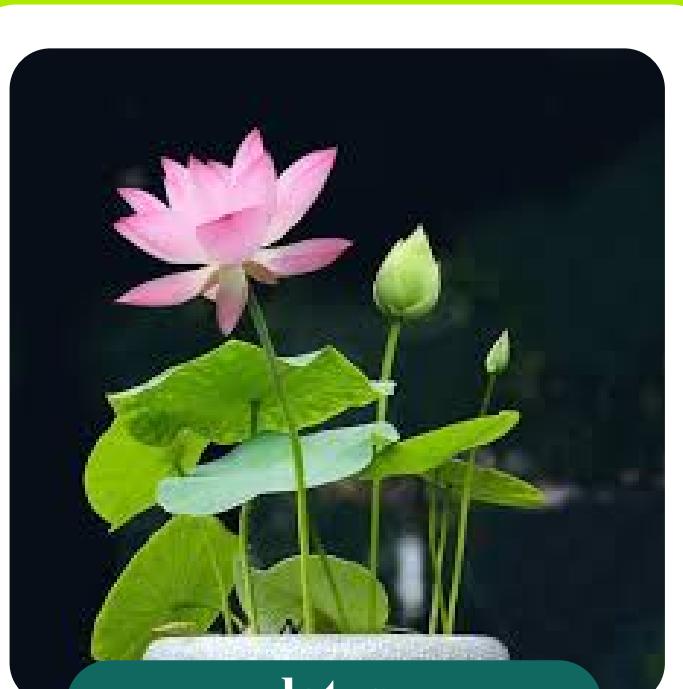
water fern

*Azolla*; Lam.  
Salviniaceae



Water lily

*Nymphaea odorata*  
Nymphaeaceae

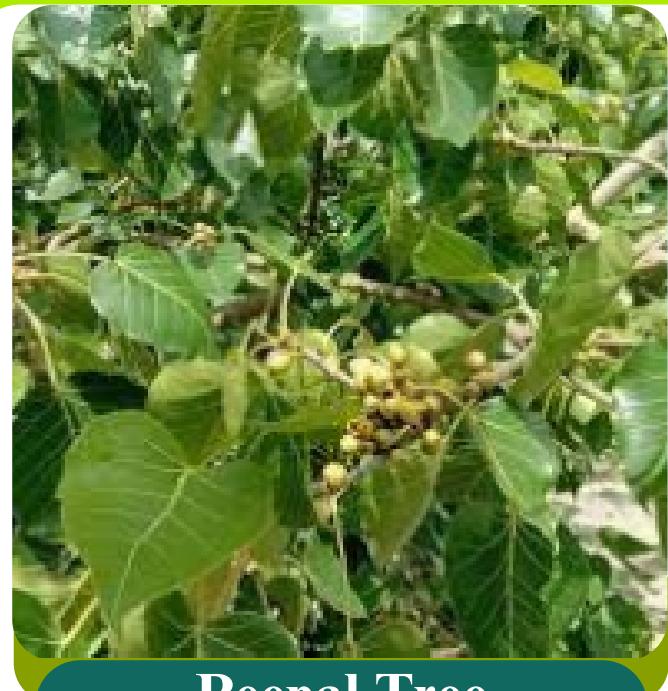


lotus

*Nelumbo*

Nelumbaceae

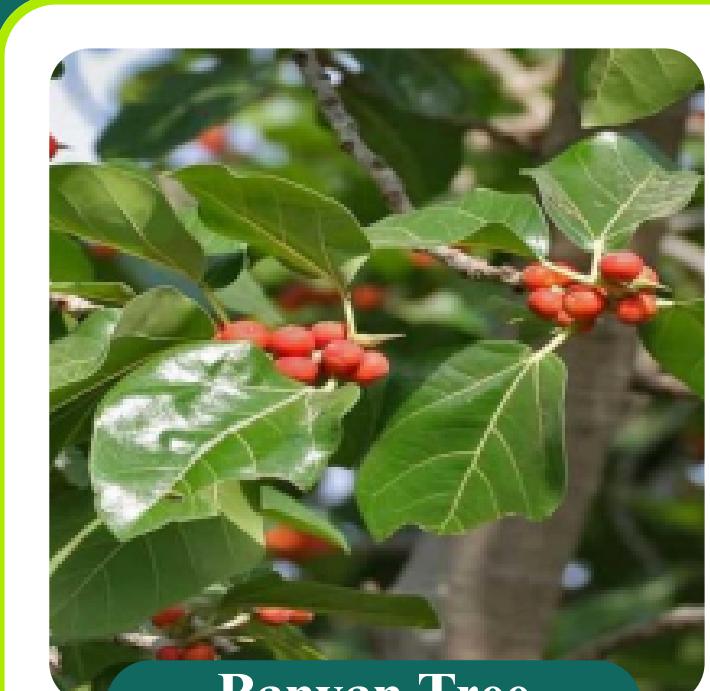
# Sacred plants



Peepal Tree

*Ficus religiosa*

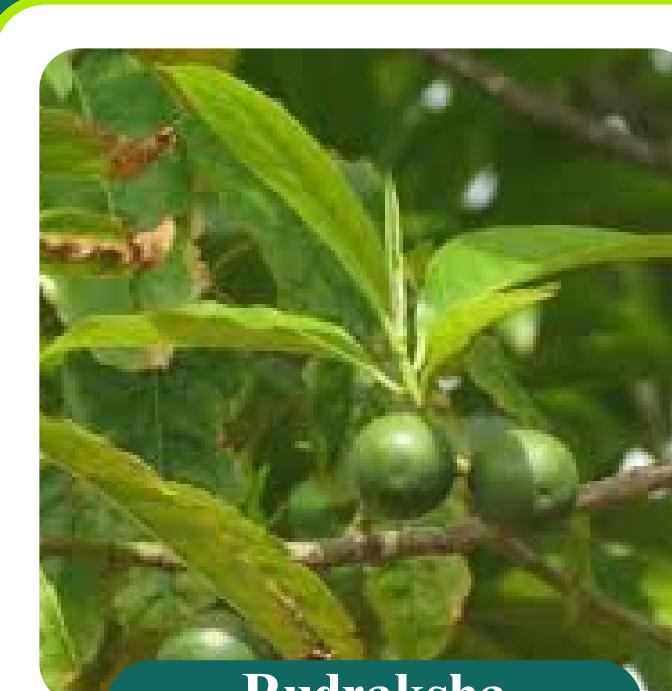
Moraceae



Banyan Tree

*Ficus benghalensis*

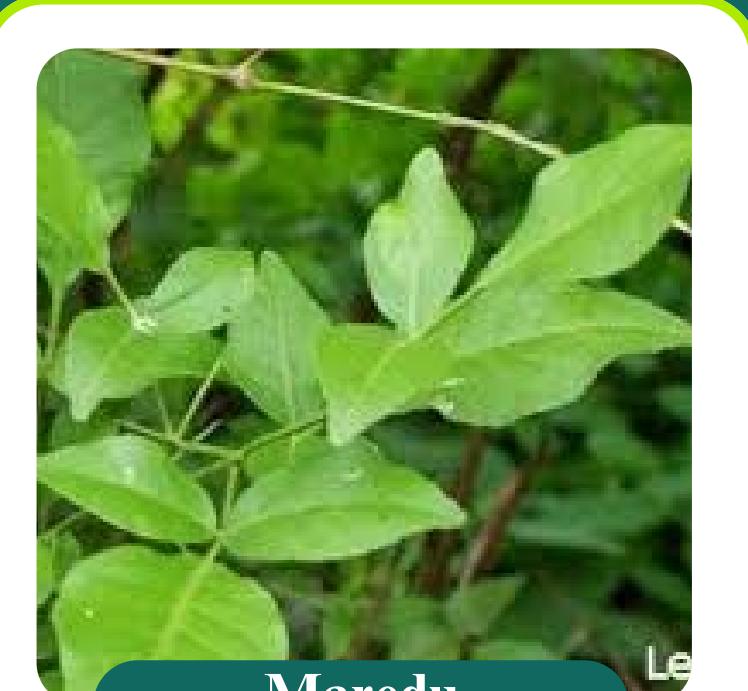
Moraceae



Rudraksha

*Elaeocarpus ganitrus*

Elaeocarpaceae

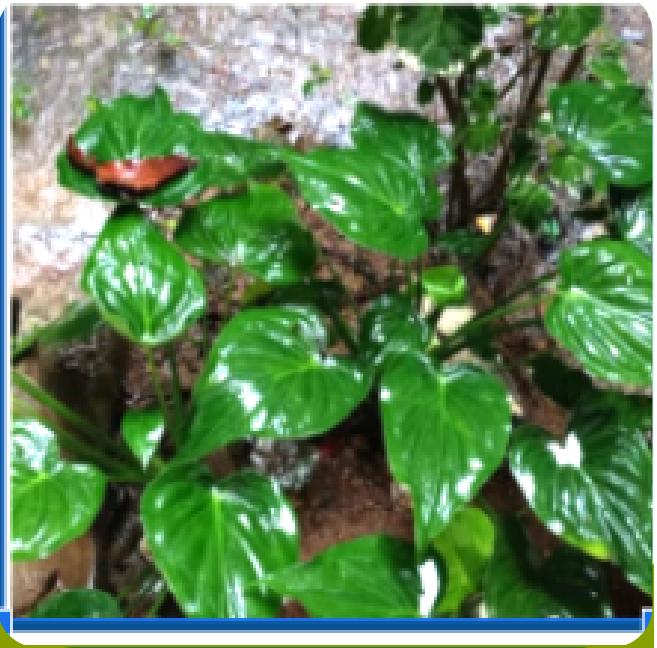


Maredu

*Aegle marmelos*

Rutaceae

# Cosmetic garden



Hibiscus

*Hibiscus*

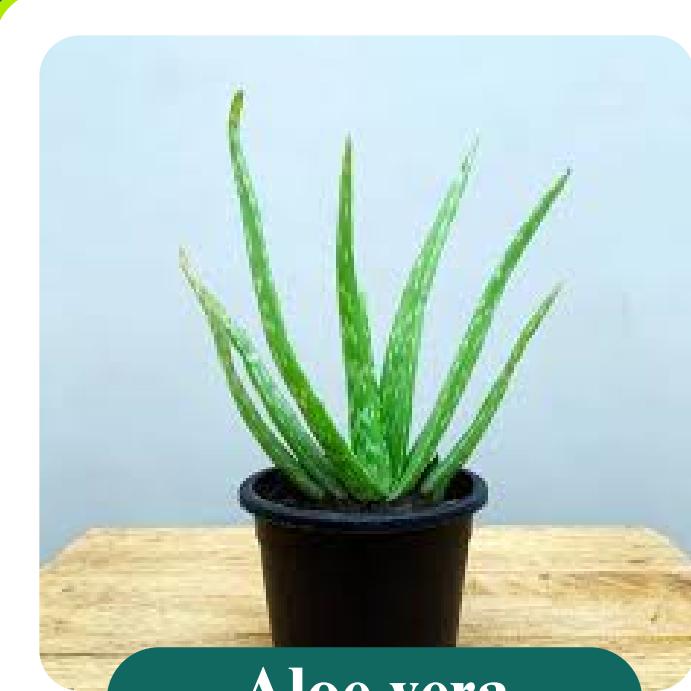
Malvaceae



Henna

*Lawsonia inermis* L.

Lythraceae



Aloe vera

*Aloe vera* (L.) Burm.f.

Asphodelaceae



Lemon grass

*Cymbopogon*

Poaceae

# Mosquito repellant plants



**Marigold**

*Tagetes patula L.*  
Asteraceae



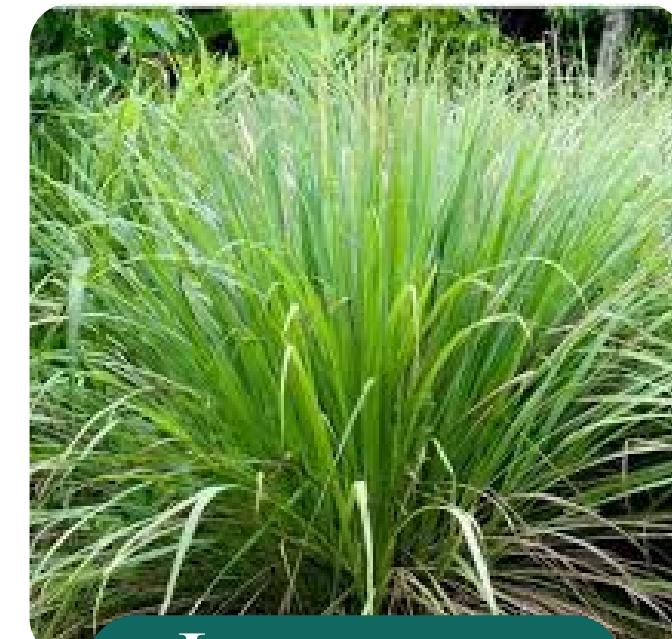
**Rosemary**

*Salvia rosmarinus L.*  
Lamiaceae



**Mint**

*Mentha spicata L.*  
Lamiaceae



**Lemon grass**

*Cymbopogon ambiguus*  
Poaceae

# Mosquito repellent plants



**Chrysanthemum**

*Chrysanthemum indicum*

Asteraceae



**holy basil**

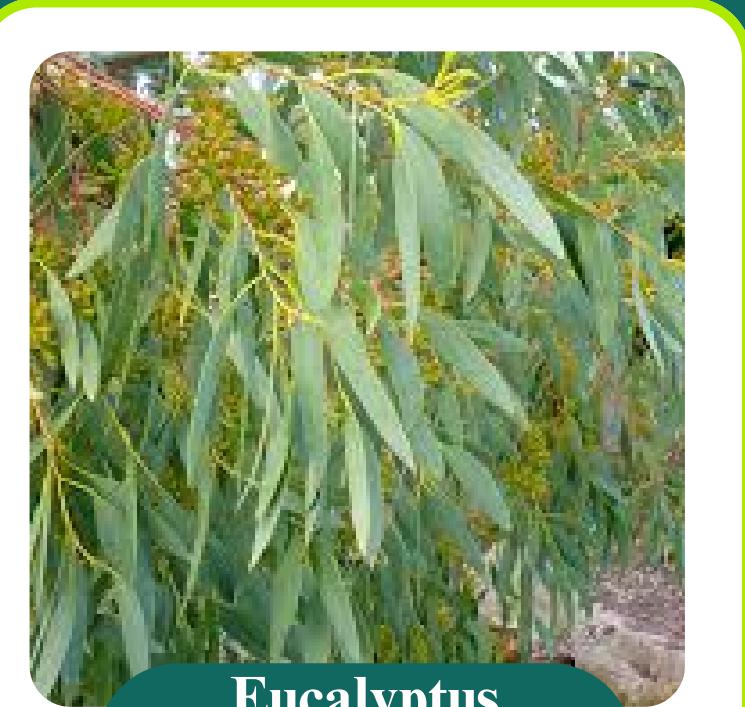
*Ocimum tenuiflorum*  
Lamiaceae



**Lavender**

*Lavandula L.*

Lamiaceae

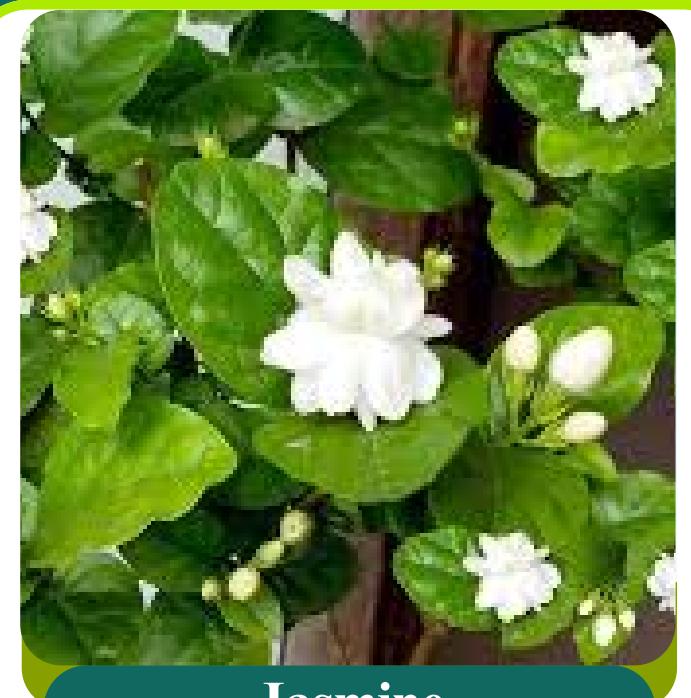


**Eucalyptus**

*Eucalyptus; L'Hér.*

Myrtaceae

# Aromatic garden



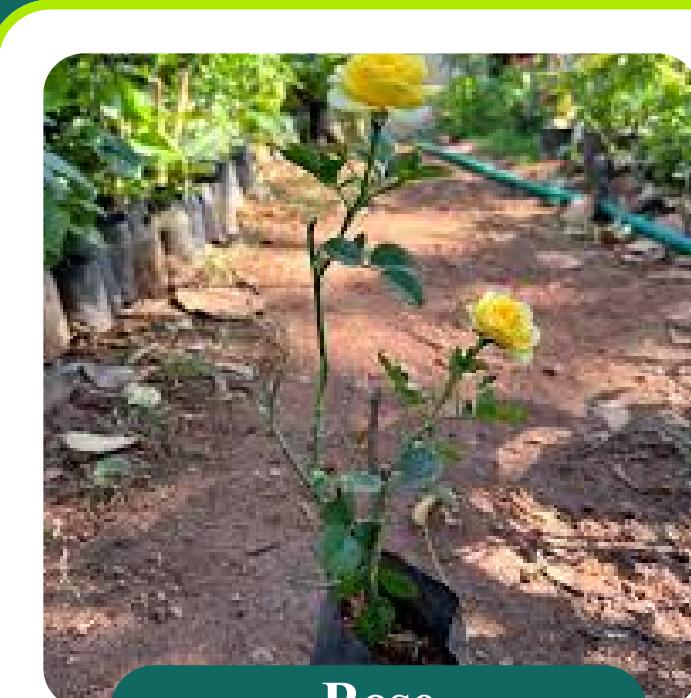
Jasmine

*Jasminum officinale*  
Oleaceae



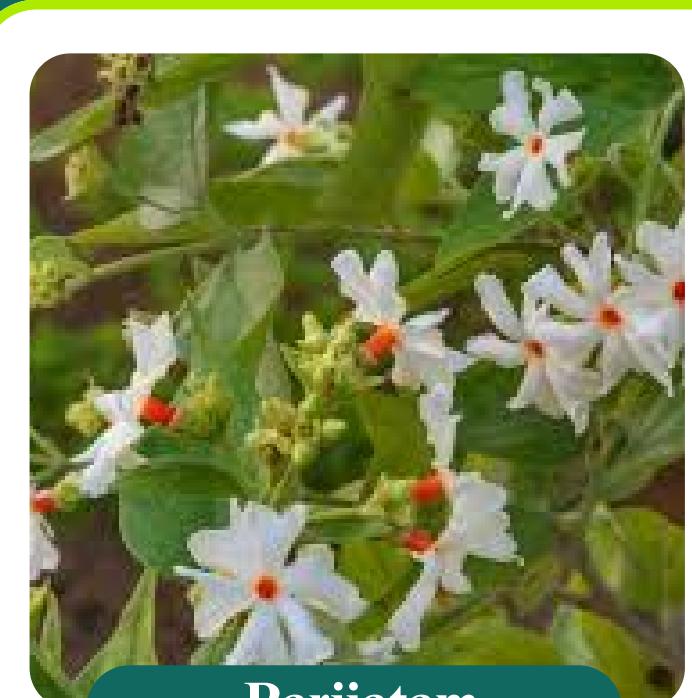
Rosemary

*Salvia rosmarinus L.*  
Lamiaceae



Rose

*Rosa indica L.*  
Rosaceae



Parijatam

*Nyctanthes arbor-tristis*  
L.  
Nyctageneae

# Aromatic garden



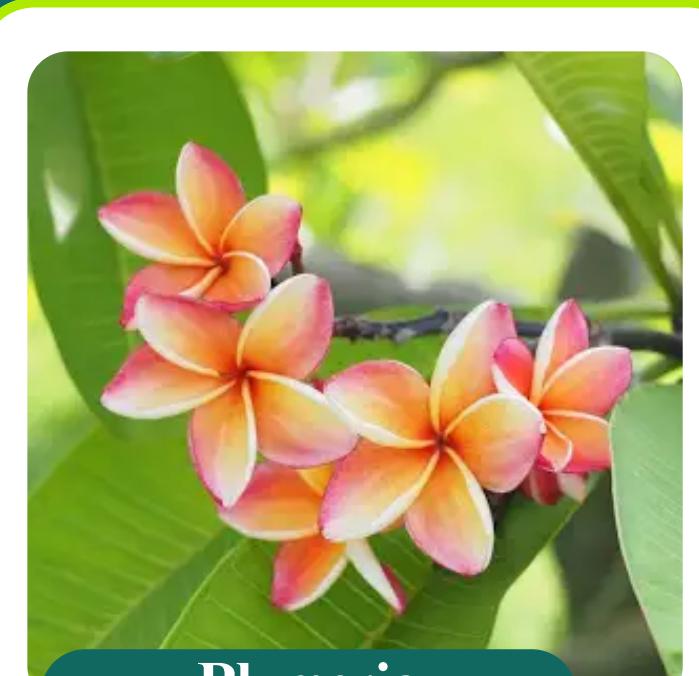
Orange jasmine

*Murraya paniculata*  
Rutaceae



Majoram  
(Maruvam)

*Origanum majorana*  
Lamiaceae



Plumeria

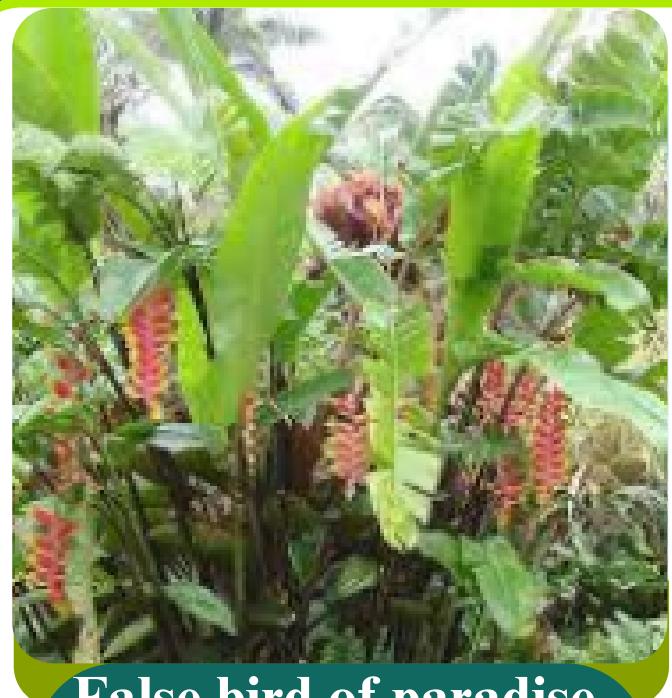
*Plumeria*  
Apocynaceae



Mogali

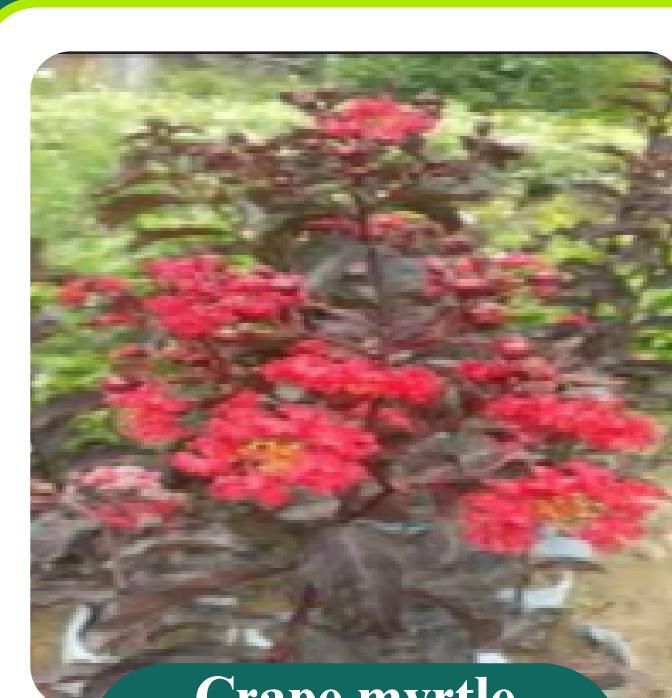
*Pandanus odorifer*  
Pandanaceae

# Ornamental plants



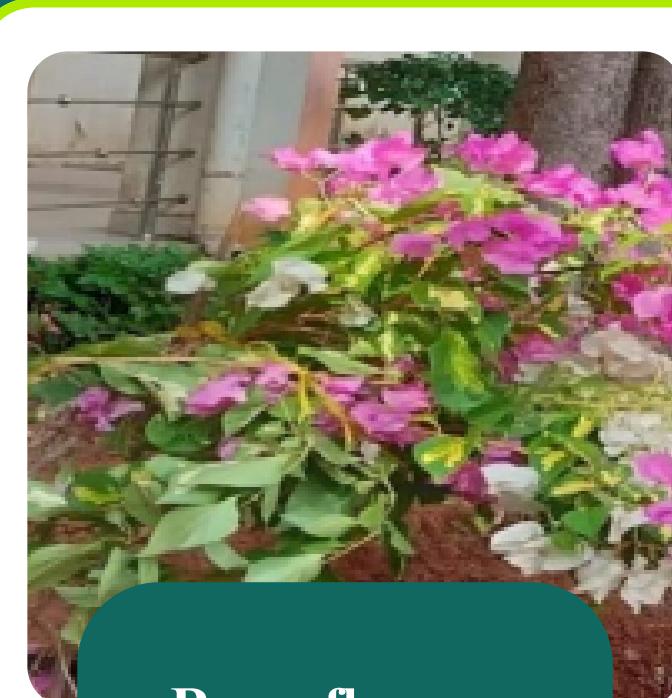
False bird of paradise

*Heliconia rostrata*  
*Heliconiaceae*



Crape myrtle  
(Redwingz)

*Lagerstroemia indica*  
*Apocynaceae*



Paper flower

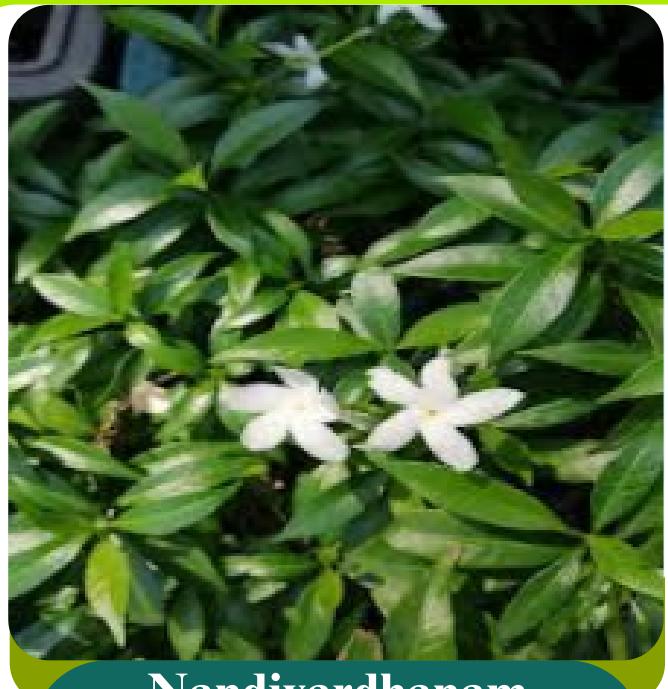
*Bougainvillea glabra*  
*Nyctaginaceae*



Aglaonema

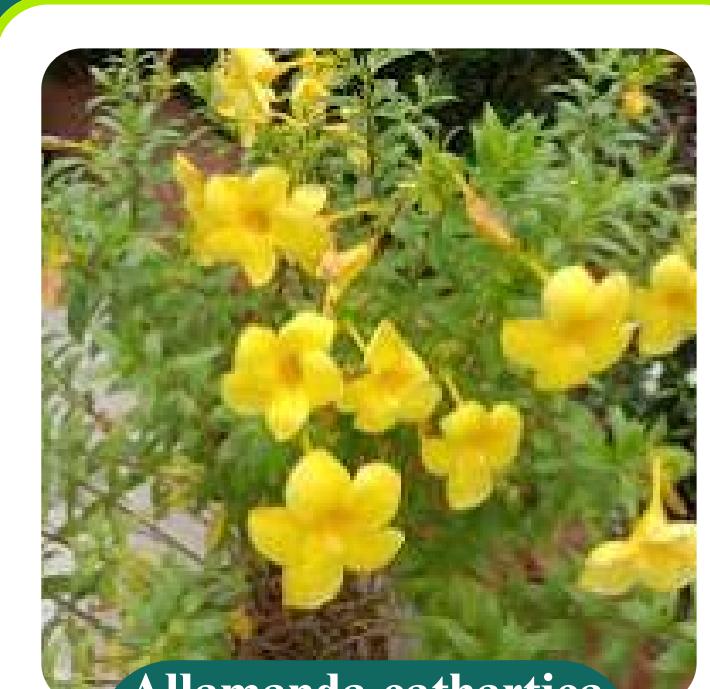
*Aglaonema*  
*Araceae*

# Ornamental plants



Nandivardhanam

*Tabernaemontana divaricatum*  
dwarf  
Apocynaceae



Allamanda cathartica

*Allamanda cathartica*  
Apocynaceae



Gold dust (big leaf)

*Codiaeum variegatum*  
Euphorbiaceae



Spur flower

*Coleus*  
Lamiaceae

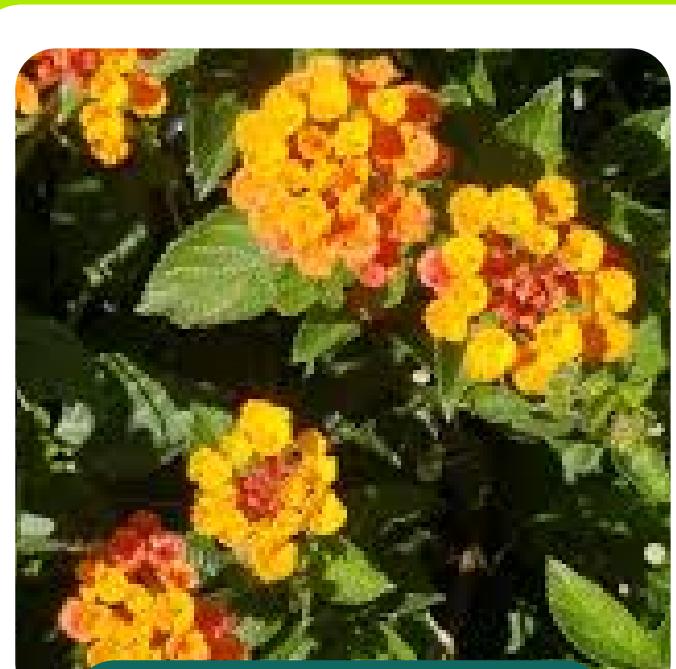
# Ornamental plants



Rain lily

*Zephyranthes sp.*

Amaryllidaceae



Lantana

*Lantana camara L*

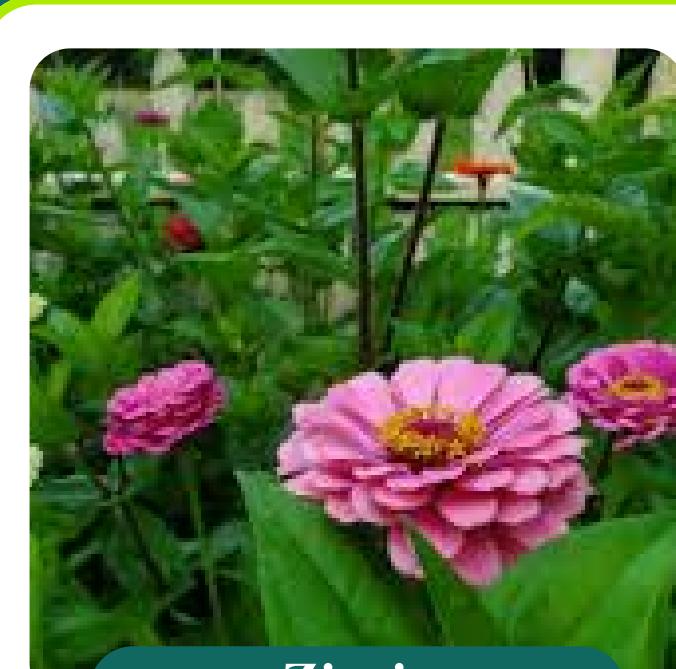
Verbenaceae.



Adenium

*Adenium obesum*

Apocynaceae

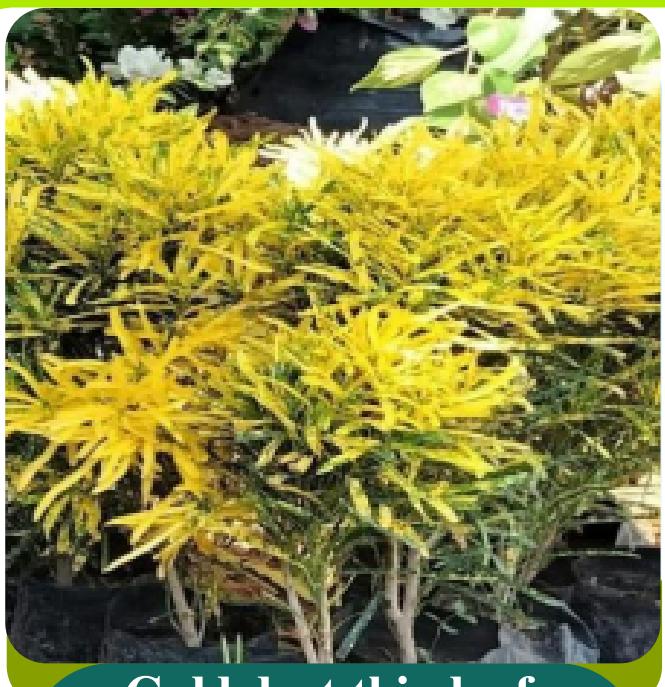


Zinnia

*Coleus*

Lamiaceae

# Ornamental plants



Gold dust thin leaf

*Codiaeum variegatum*

Euphorbiaceae



Patra croton

*Codiaeum variegatum*

Euphorbiaceae



Mini Ixora

*Ixora coccinea L*

Rubiaceae

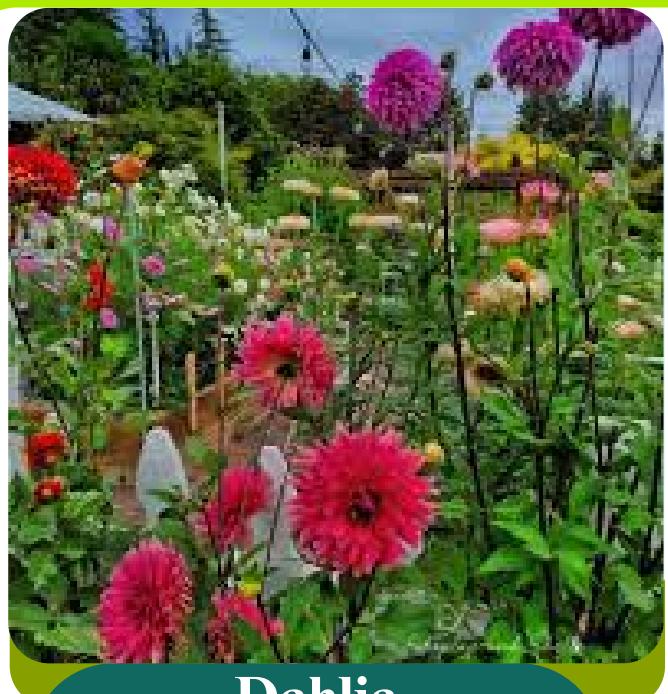


kanakaambaram

*Crossandra infundibuliformis*

Acanthaceae

# Ornamental plants



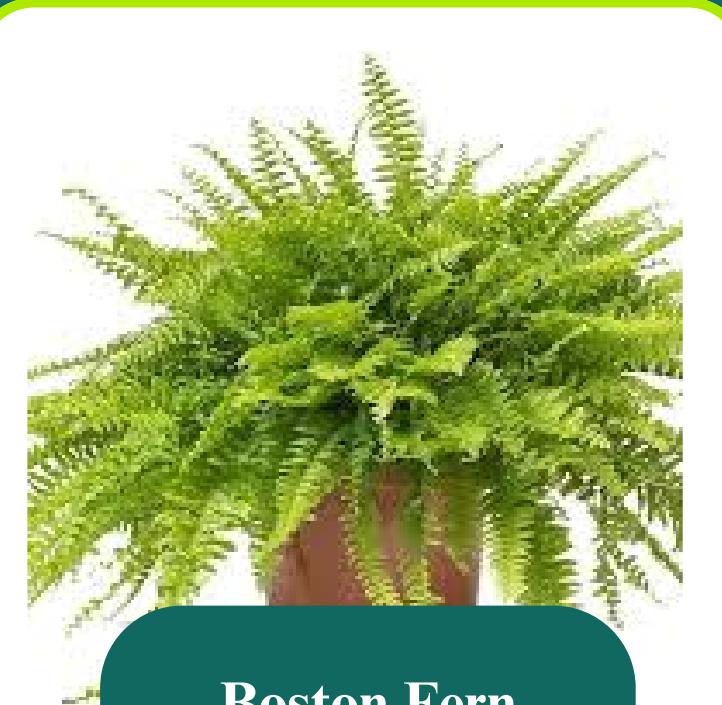
Dahlia

*Dahlia tuberosa*  
Asteraceae



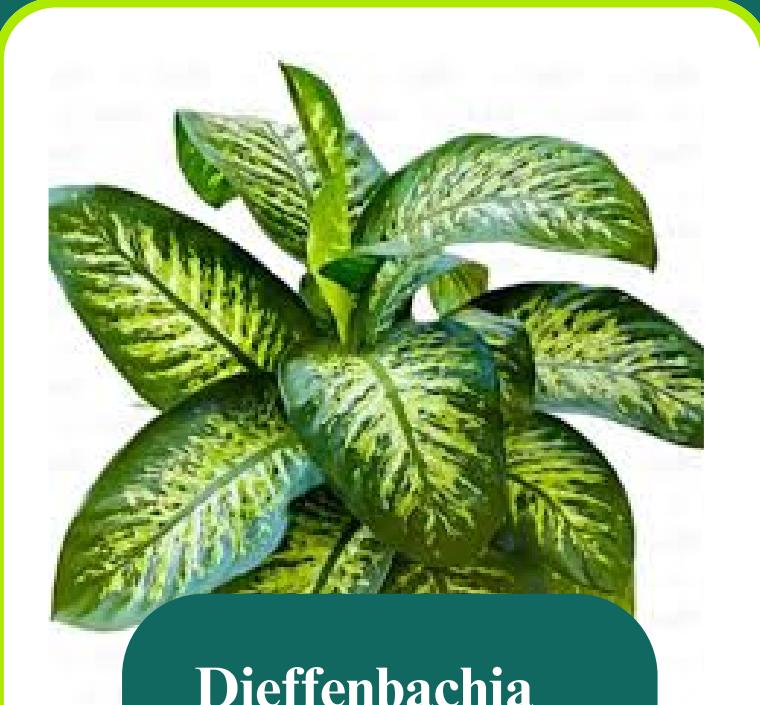
Croton

*Codiaeum variegatum*.  
Euphorbiaceae



Boston Fern

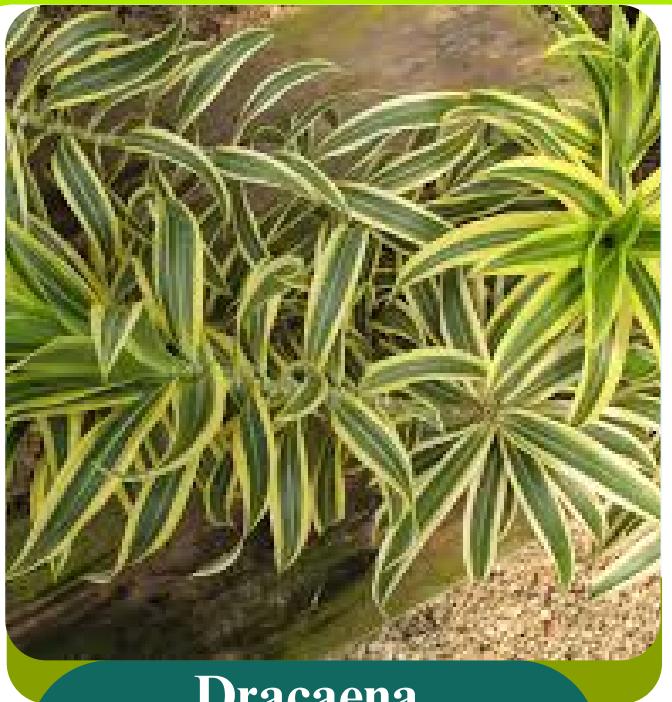
Pteridophyte



Dieffenbachia

*Dieffenbachia*; Schott  
Aracea

# Ornamental plants



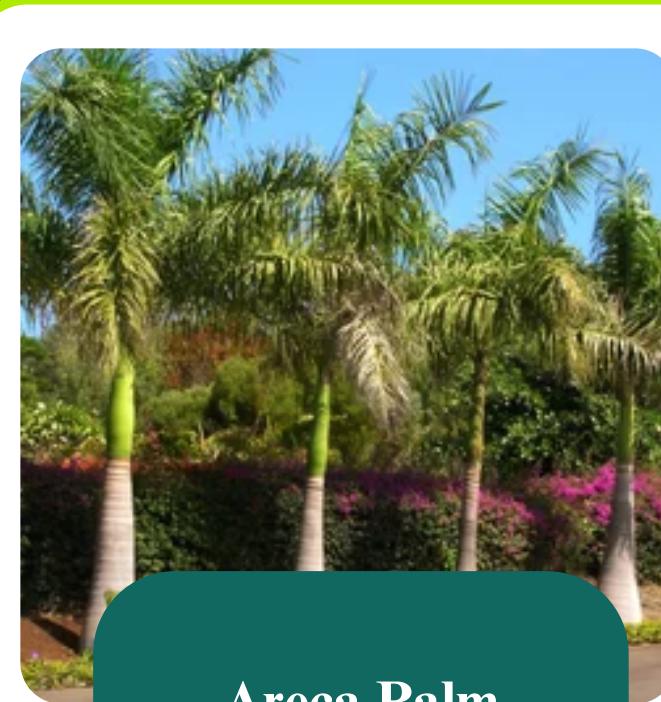
**Dracaena**

*Dracaena*; Vand. ex L.  
Asparagaceae



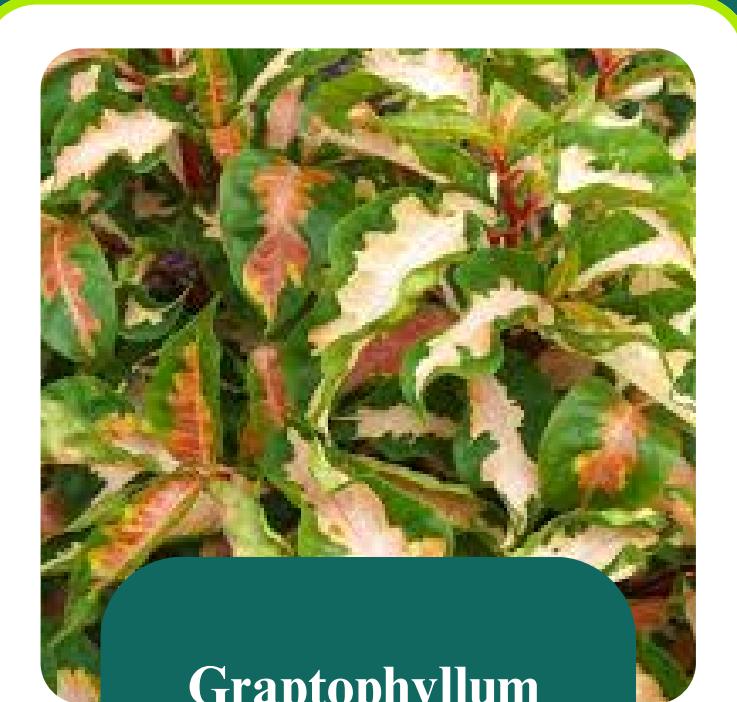
**Impatiens**

*Impatiens*  
Balsaminaceae



**Areca Palm**

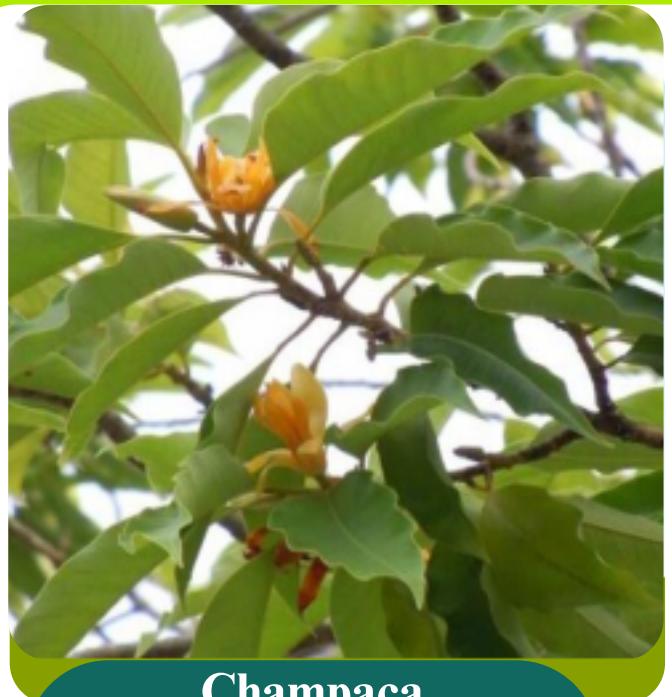
*Dypsis lutescens*  
Arecaceae



**Graptophyllum**

*Graptophyllum pictum*  
(L.) Griff.  
Acanthaceae

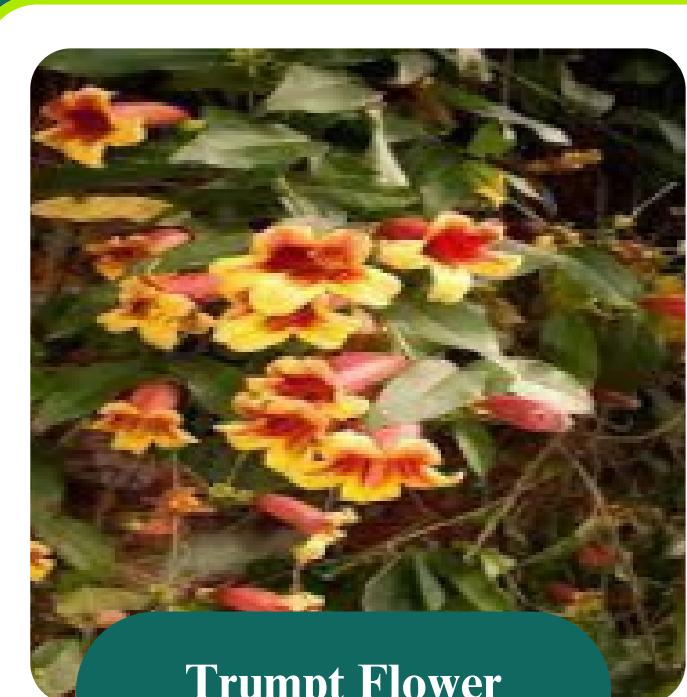
# Ornamental plants



Champaca

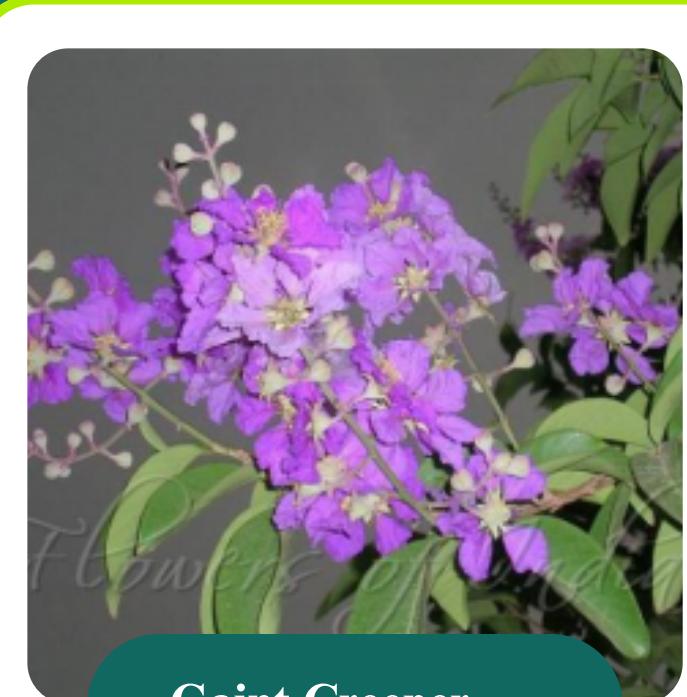
*Michelia champaca*

Magnoliaceae



Trumpet Flower

*Bignonia*  
Bignoniaceae



Gaint Creeper

*Lagerstroemia speciosa L.*

Lythracea



Golden Bells

*Tecoma Stans*

Bignoniacea

# Ornamental plants



Verbena

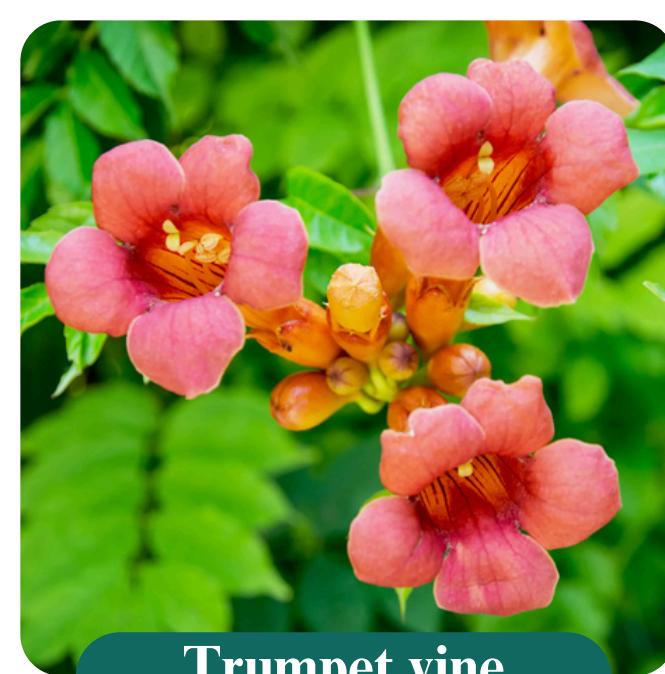
*Verbena; L.*

Verbenaceae



Foxtail copperlea

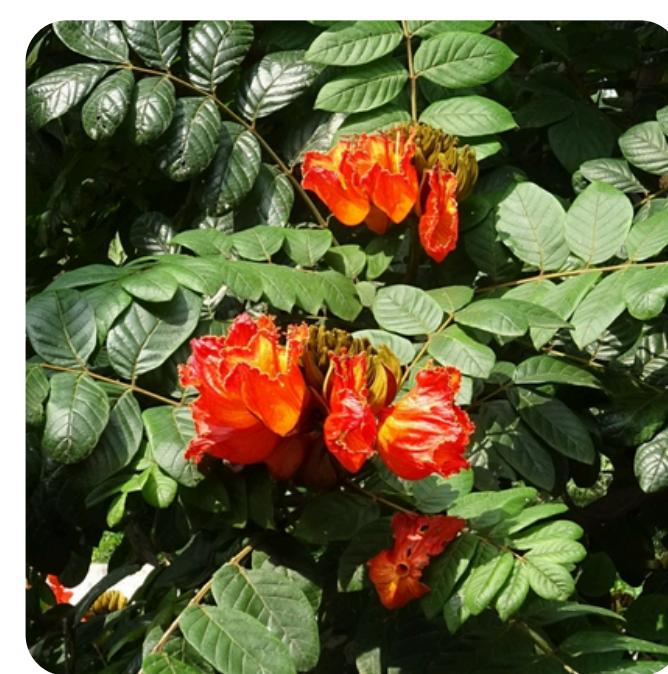
*Acalypha*  
*alopecuroides*  
Euphorbiaceae



Trumpet vine

*Bignonia radicans L.*

Bignoniaceae



Spathodea

*Spathodea campanulata*

P.Beauv.

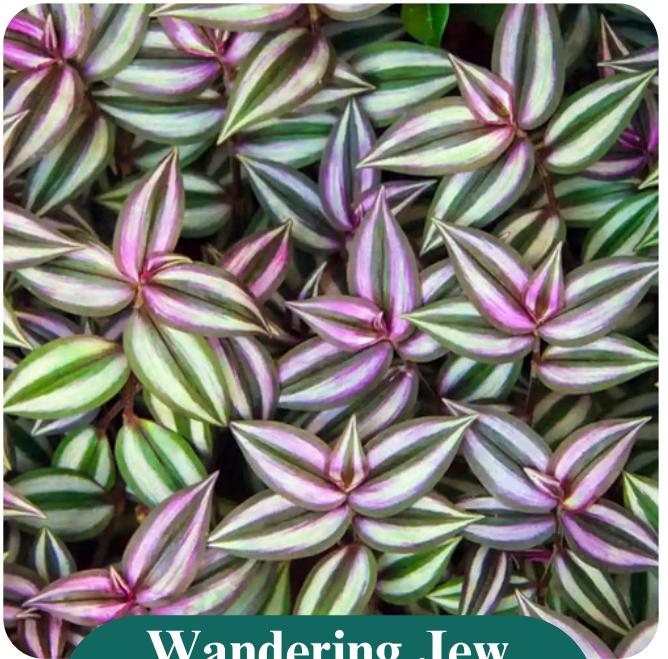
Bignoniaceae

# Hanging garden



Turtle vine

*Callisia repens*  
Commelinaceae



Wandering Jew

*Tradescantia zebrina*  
(Schinz) D. R. Hunt  
Commelinaceae



Purslane

*Portulaca oleracea* L.

Portulacaceae



Red ivy

*Strobilanthes alternata*  
(Burm.f.)

Acanthaceae

# Indoor plants



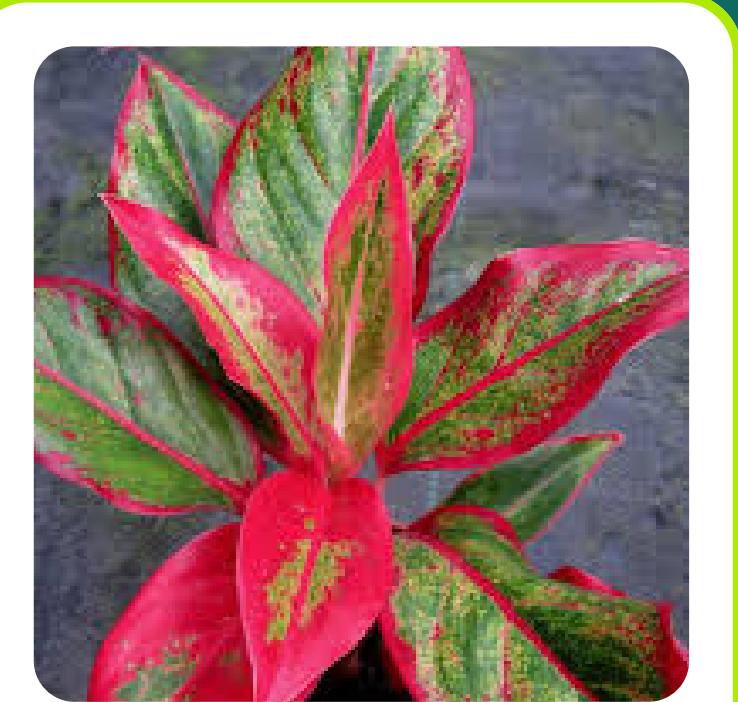
Money plant

*Epipremnum aureum*  
Araceae



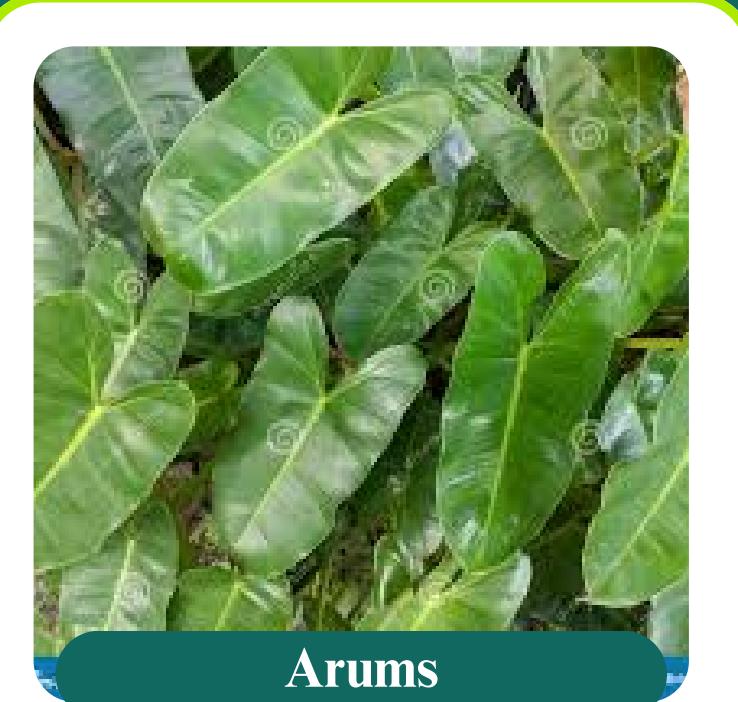
Z Z plant

*Zamioculcas  
zamiifolia*  
(Lodd.)  
Araceae



Lipstick plant

*Aglaonema commutatum*  
Araceae



Arums

*Phyllodendron sp.*  
Araceae

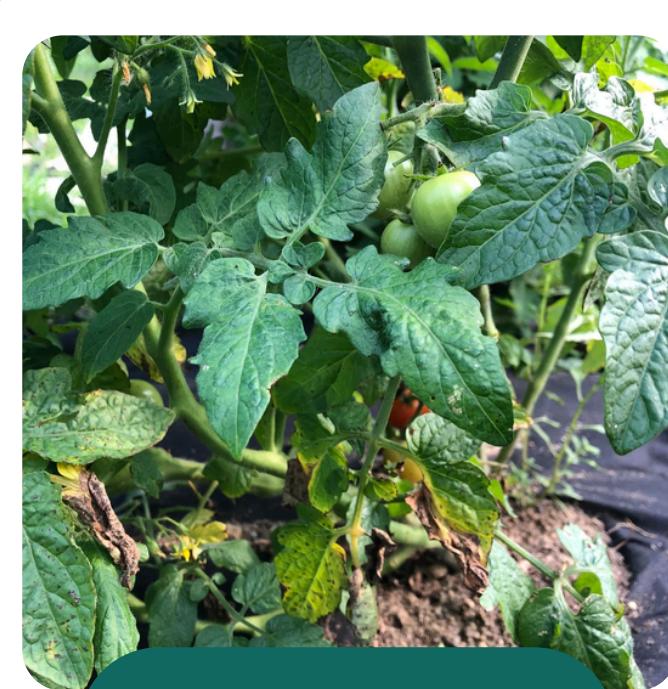
# Vegetable garden



Eggplant

*Solanum melongena* L.

Solanaceae



Tomato

*Solanum lycopersicum*

L.

Solanaceae



Mint

*Mentha spicata* L.

Lamiaceae



Chillies

*Capsicum annuum* L.

Solanaceae

# Vegetable garden



Gongura

*Hibiscus sabdariffa* var. rubra

Malvaceae



Spinach

*Spinacia oleracea* L.

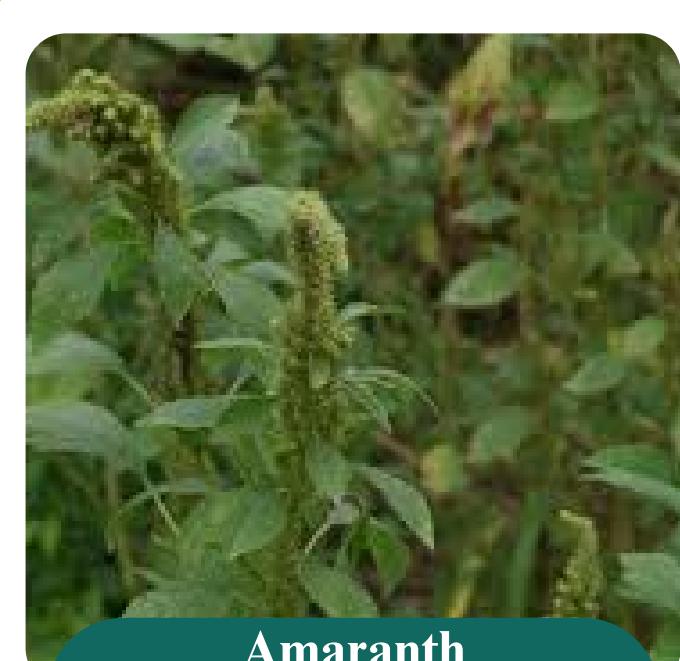
Amaranthaceae



Okra

*Abelmoschus esculentus*  
(L.)

Malvaceae



Amaranth

*Amaranthus* sp

Amaranthaceae

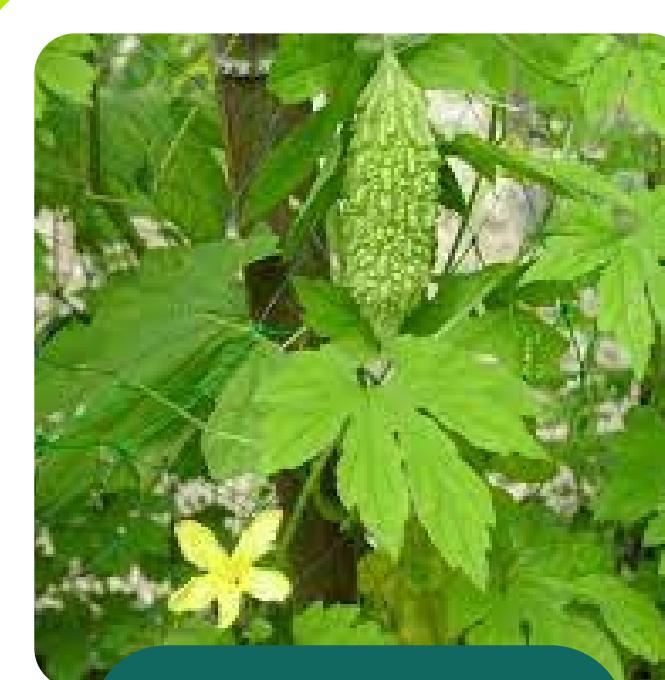
# Vegetable garden



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Radish

*Raphanus sativus L.*  
Brassicaceae



Bitter gourd

*Spinacia oleracea L.*

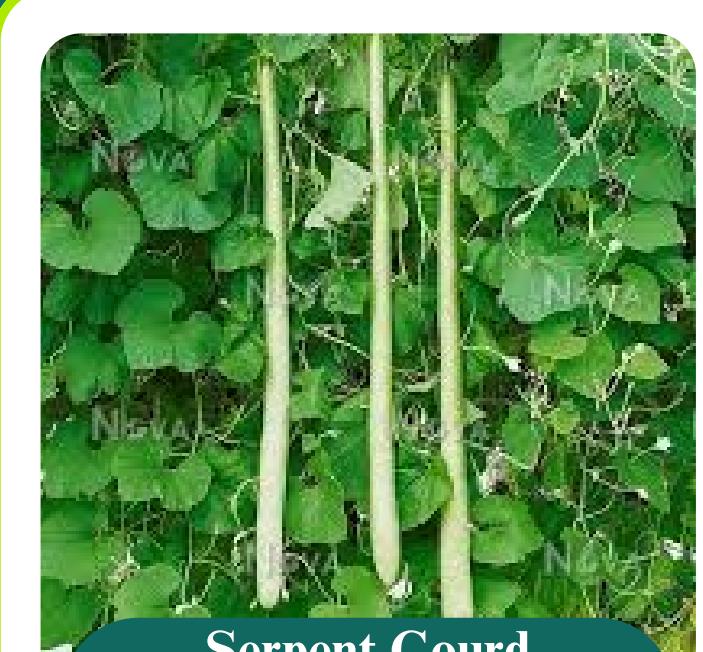
Cucurbitaceae



Luffa

*Luffa acutangula*

Cucurbitaceae



Serpent Gourd

*Trichosanthes cucumerina*

Cucurbitaceae

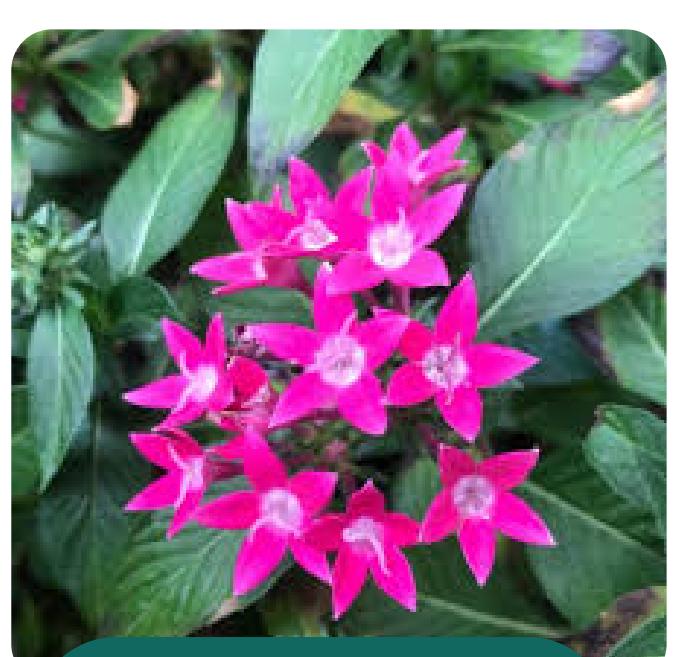
# Butterfly garden



Corn Flower

*Echinacea*

Asteraceae



Egyptian Star Flower

*Pentas lanceolata*

Asteraceae



Lantana/ Shrub Verbena

*Lantana*

Verbenaceae



Lavender

*Lavandula*

Lamiaceae

# Butterfly garden



Ageratum

*Ageratum*

Asteraceae



Shasta Daisy

*Leucanthemum*

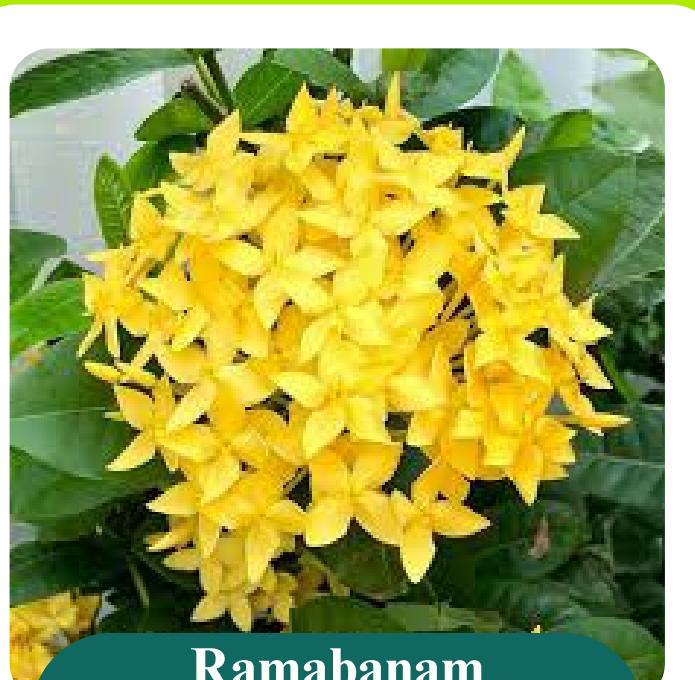
Asteraceae



Zinnia

*Zinnia*

Asteraceae



Ramabanam

*Ixora coccinea*

Rubiaceae