



Template for Evidence(s) UI GreenMetric Questionnaire

University : SONGKHLA RAJABHAT UNIVERSITY
Country : Thailand
Web Address : www.skru.ac.th

[1] Setting and Infrastructure (SI)

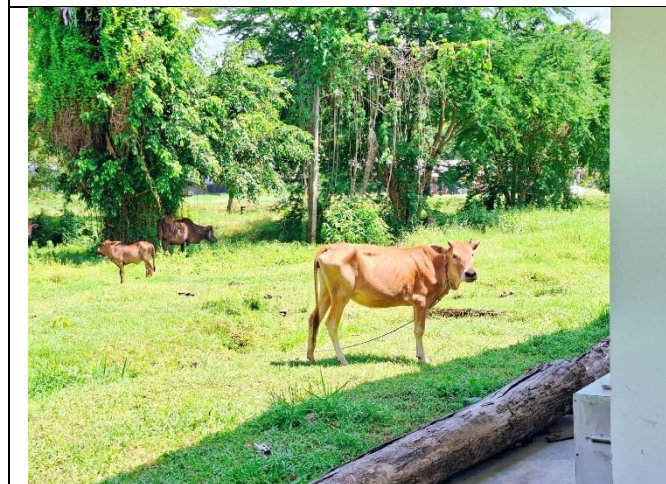
[1.18] Conservation: plant, animal, and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities (SI.8)



Green House



Buffalo farming



Cattle farming



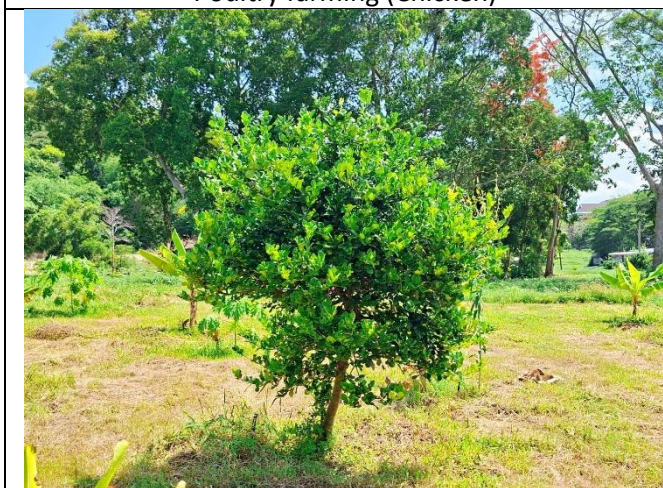
Poultry farming (Chicken)



Poultry farming (Chicken)



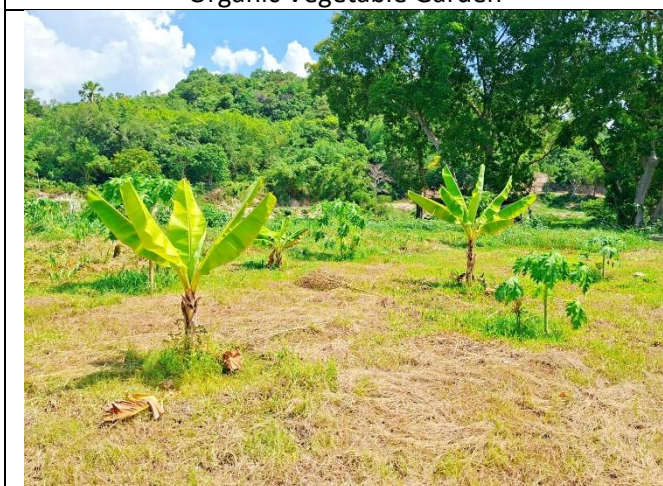
Poultry farming (Goose)



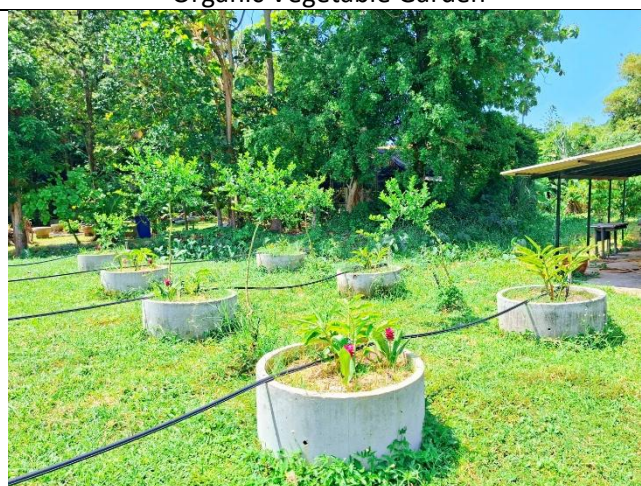
Organic Vegetable Garden



Organic Vegetable Garden



Organic Vegetable Garden



Ornamental Plants



Ornamental Plants



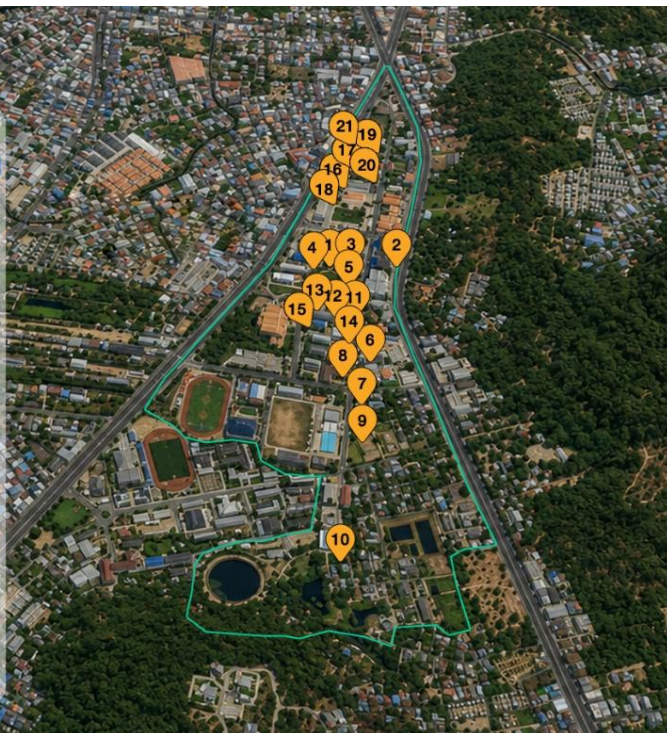
Ornamental Plants



GI Crops Conservation Site, SKRU (Satun Campus)

PLANT CATALOG MAP

- | | |
|-------------------|--------------------------|
| 1. Kraeror Pakpet | 11. Songkhla Ylang-Ylang |
| 2. Croton | 12. Golden Cane Palm |
| 3. Jackfruit | 13. Oil Palm |
| 4. Pride of India | 14. Costus Ginger |
| 5. Bambo | 15. Star Lily |
| 6. Mak Khiao | 16. Phikun |
| 7. Thong Urai | 17. Tamarind |
| 8. Fueang Fa | 18. Bougainvillea |
| 9. Mak Luang | 19. Queen 's Crape Myrtl |
| 10. Tan | 20. Noni |
| | 21. Hibiscus |



A map of various Plant (Songkhla Campus)





SONGKHLA
RAJABHAT
UNIVERSITY

Plant Catalog

A collection of diverse plant species
growing on the campus of
Songkhla Rajabhat University
for learning, conservation and
a green sustainable campus.



LEARNING
RESOURCES



CONSERVATION



GREEN
CAMPUS



NATURE
AROUND US

1



Kraeror Pakpet
Cymbidium findlaysonianum Lindl.
ORCHIDACEAE

2



Croton
Codiaeum variegatum Blume
EUPHORBIACEAE

3



Jackfruit
Artocarpus heterophyllus Lam.
MORACEAE

4



Pride of India
Lagerstroemia flabunda Jack
LYTHRACEAE

5



Bamboo
Bambusa sp.
GRAMINAE



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NATURE
AROUND US

6



- Scientific name
*Ptychosperma
macarthurii* Nichols
- Family
PALMAE
- Characteristics
Slender, ringed trunk
with green fronds.
Clusters of small green
fruits turn bright red
when ripe.
- Use
Ornamental plant
- Propagation
Seed, Offshoot division

7



- Scientific name
Tecoma stans (L.) Kunth
- Family
BIGNONIACEAE
- Characteristics
Shrub with trumpet-shaped
yellow flowers in clusters.
Blooms abundantly and
attracts pollinators.
- Use
Ornamental plant, Herbal
medicinal properties
- Propagation
Seed, Stem cutting,
Air layering

8



- Scientific name
Bougainvillea spectabilis Willd
- Family
NYCTAGINACEAE
- Characteristics
Semi-climbing shrub with
colorful papery bracts.
Thorny stems, thrives in
full sunlight.
- Use
Ornamental plant,
Traditional medicine
- Propagation
Stem cutting, Air layering,
Grafting

9



- Scientific name
Chrysalidocarpus lutescens H. Wendl.
- Family
ARECACEAE (PALMAE)
- Characteristics
Clumping palm with yellow-green canes.
Yellow inflorescences and red-orange
fruits when ripe.
- Use
Ornamental plant, Foliage for floral arrangement
- Propagation
Seed, Offshoot division

10



- Scientific name
Borassus flabellifer L.
- Family
ARECACEAE (PALMAE)
- Characteristics
Tall palm with fan-shaped leaves.
Produces edible fruits, sap, and
many useful products.
- Use
Food, Beverages, Handicrafts,
Traditional medicine
- Propagation
Seed



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11 Songkhla Ylang-Ylang
Cananga odorata (Lam.) HOOK. f.
& Thomson var. *fruticosa* (Craib) J. Sinc.

Family	ANNONACEAE	Habit	Shrub
Common name	Alanglang, Ylang Ylang	Flowers	Fragrant, yellowish-green Blooms throughout the year



12 Golden Cane Palm
Chrysalidocarpus lutescens H.Wendl.

Family	ARECACEAE (PALMAE)	Habit	Palm
Common name	Goldenfruited Palm, Areca Palm	Fruits	Orange-yellow when ripe



13 Oil Palm
Elaeis guineensis

Family	ARECACEAE (PALMAE)	Habit	Palm
Common name	Oilpalm	Fruits	Reddish-orange when ripe



14 Costus Ginger
Costus speciosus (Koen.) Sm.

Family	COSTACEAE	Habit	Herbaceous perennial
Common name	Crape ginger, Malay ginger, Spiral flag	Flowers	White with red bracts
Uses	Medicinal plant	Propagation	By seed, rhizome division



15 Star Lily
Hippeastrum johnsonii Bury

Family	Amaryllidaceae	Habit	Bulbous perennial
Common name	Star Lily	Flowers	Star-shaped, 4 directions
Uses	Ornamental plant	Propagation	By bulb division



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16 Phikun
Mimusops elengi L.

Family	SAPOTACEAE	Common name	Bullet wood, Headland flower
Habit	Evergreen tree	Flowers	Fragrant, white, star-shaped blooms throughout the year
Uses	Ornamental tree, Medicinal use		



17 Tamarind
Tamarindus indica L.

Family	LEGUMINOSAE- CAESALPINIOIDEAE	Common name	Tamarind, Indian Date, Sampotok
Habit	Large tree	Fruits	Brown pods with sweet-sour pulp
Uses	Food, Medicinal use		



18 Bougainvillea
Bougainvillea spp. and hybrid

Family	NYCTAGINACEAE	Common name	Bougainvillea
Habit	Shrub / Climber	Flowers	Colorful bracts in various colors
Uses	Ornamental plant		



19 Queen's Crape Myrtle
Lagerstroemia floribunda Jack

Family	LYTHRACEAE	Common name	Burong
Habit	Deciduous tree	Flowers	Purple (various shades)
Uses	Ornamental tree		



20 Noni
Morinda citrifolia L.

Family	RUBIACEAE	Common name	Indian mulberry
Habit	Small tree / Shrub	Fruits	Green turning yellow when ripe
Uses	Medicinal use		



21 Hibiscus
Hibiscus rosa-sinensis L.

Family	MALVACEAE	Common name	Chinese rose, Shoe flower
Habit	Shrub	Flowers	Large, showy, various colors
Uses	Ornamental plant		

A collection of various Plant (Songkhla Campus)



A map of various Animal (Songkhla Campus)



A collection of various Animal (Songkhla Campus)



Description:

Songkhla Rajabhat University (SKRU) actively secures and manages its plant, animal, and wildlife genetic resources for food and agriculture through medium- and long-term conservation facilities. Managed primarily by the Faculty of Agricultural Technology, these internal structures and managed natural habitats serve as living genebanks to preserve biodiversity and strengthen community food security:

1. Plant and Agronomy Genetic Resources (Flora Conservation)

- **Agronomy and Crop Science Building** : A central indoor facility dedicated to agronomic research, post-harvest seed drying, and medium-term seed genetic storage. It plays a critical role in evaluating and preserving seed baselines before field trials.
- **Faculty Vegetable Plots** : An outdoor, open-air agricultural facility dedicated to the practical cultivation and live preservation of 21 key campus plant species. This includes local southern vegetables, climate-resilient herbs (such as Costus Ginger and Noni), multi-purpose economic trees (Oil Palm and Toddy Palm), and heritage flora like the Songkhla Ylang-Ylang (Kaew Chula Chom)—the signature symbolic flower of the university. These plots act as a medium-term living collection for sustainable agroforestry.
- **Satun Campus GI Experimental Plots** : An outdoor, satellite agricultural facility located at the Satun Campus, specifically dedicated to the live preservation, cultivation, and genetic safeguarding of certified Geographical Indication (GI) crops unique to Satun Province (such as Satun Champada and Satun Fragrant Taro). This station operates as a specialized living collection to protect the authentic genetic traits of premium indigenous flora, while serving as a community-facing hub for sustainable agro-ecological knowledge transfer and local economic development.

2. Animal and Livestock Genetic Resources (Fauna Conservation)

- **Animal Husbandry Operations Building** : A specialized livestock facility that functions as a secure breeding and conservation station for Farm Animal Genetic Resources (AnGR). It features climate-sheltered pens and managed grazing lots to strictly preserve purebred regional lineages of Thai Native Cattle (โคพื้นเมืองไทย) and Betong Chickens, which possess vital local disease resistance and climate adaptability, alongside Boer Goat and Serama crossbreeds.

3. Aquaculture and Aquatic Wildlife Conservation Facilities

- **Aquaculture Breeding and Research Building**: A dedicated indoor facility equipped with water recirculation systems (RAS) and controlled hatching tanks. It is used for the selective breeding and genetic monitoring of high-value ornamental species (Koi Carp, Goldfish, and Ryukin Goldfish) as well as commercial protein sources like Nile Tilapia and Snakehead Fish. It also propagates Guppies used for campus-wide biological mosquito larvae control.
- **Managed Aquaculture Pond and Fish Sanctuary Zone**: A strictly protected, open-water campus reservoir designated as a "No-Fishing Sanctuary." This outdoor facility provides a secure in-situ environment for native freshwater fish to naturalize, restock, and breed without human interference, maintaining the natural aquatic biodiversity of the campus.

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

Songkhla

<https://drive.google.com/file/d/1a0bevoR-bEz7fyjLT9ehj8L3c-g5JF8f/view?usp=sharing>



<https://drive.google.com/file/d/1bxXeJADevrsm-YQ60xCYd-TCc3ioSNI1/view?usp=sharing>

https://drive.google.com/file/d/1bXt4AEBPdOptwt3u884Z1qI0rOq41S_/view?usp=sharing

<https://drive.google.com/file/d/1uASX1orHv4EGOhXSTMXEhOZPnt4PfCSK/view?usp=sharing>

<https://drive.google.com/file/d/1YAKOGohmYjlqXo7C4dJHdOrSj7396dME/view?usp=sharing>