

Best practice-II

Transforming the block into Greenery Zone

At the year 2021 in the SDM colony of Pandaria has planted some few plants & their names are listed here:-

S.N.	Name of Plants	Quantity
1	<i>Phyllanthus embelica</i>	5
2	<i>Neolamarkia cadamba</i>	5
2	<i>Psidium gujava</i>	10
4	Fury hub plants	10



Pic: - Plantation event in an SDM colony

Health Report Card

Name of the plant- *Gujava* Temperature- 16°C
 Scientific name- *Psidium guajava* Soil profile- Medium Black
 Variety & habitat- Elliptical & Texumbria location- SDM Colony
 Date & season- 7/10/21 Rainy winter

Morphological Analysis

Name of Plant	Evaluation Parameters					
	Stem size & growth	Leaves size & growth		Flowers	Branching	Others parts (e.g. - thorns, prickles etc.)
		Young	Mature			
<i>Psidium guj</i>	Normal	Normal	Normal	Normal	- -	None
- - ③	- -	- -	Normal	Normal	- -	None
- - ④	- -	- -	- -	Normal	- -	None
⑤	- -	- -	- -	- -	- -	None
⑥	Abnormal	- -	- -	Abnormal	Normal	None
⑦	- -	- -	- -	Normal	Normal	None
⑧	Abnormal	- -	- -	Normal	Normal	None

• If any plant has an abnormal growth/symptoms appears so that examine with Symptoms/Disease analysis.

Symptoms/Disease Analysis

Name of plant & serial no.- *Psidium guajava* f No. 6th

Parameters	Remarks		
	Normal	Abnormal	Symptoms appear
Plant Growth		✓	None
Stem		✓	None
Leaves (both)	Normal		
Flowers	✓		
branches			
Base of the Plant		✓	

Disease Manipulation

• Name of plant & serial no.- *Psidium guajava* f No. 6

Symptoms	Possible Responsible factors			Treatment
	Environmental	Pathogenic	Nutrient	
Stunted growth	✓			

Health Report card of *Psidium guajava* plants

At the year 2022 in the SDM colony of Pandaria has planted some few plants & their names are listed here:-

S.N.	Name of Plants	Quantity
1	<i>Tarbanae Montana divertica</i>	10
2	<i>Psidium gujava</i>	10
2	<i>Mangifera indica</i>	10
4	<i>Neolamarkia cadamba</i>	10

Health Report card of *Neolamarkia cadamba* plant

Health Report Card

Name of the plant- cadamb Temperature- 16-20°C
 Scientific name - Neolamarkia Cadamba Soil profile- Black soil
 Variety & habitat- Indian f Teveshiq location- SDM Colony N-E
 Date & season- 11/12/22 f winter

Morphological Analysis

Name of Plant	Evaluation Parameters					
	Stem size & growth	Leaves size & growth		Flowers	Branching	Others parts (e.g. - thorns, prickle etc.)
		Young	Mature			
<u>Neolamarkia sp.</u>	<u>Normal</u>	<u>Normal</u>	<u>Normal</u>	<u>NO</u>	<u>Normal</u>	<u>None</u>
<u>— " —</u>	<u>Normal</u>	<u>— " —</u>	<u>— " —</u>	<u>NO</u>	<u>— " —</u>	<u>— " —</u>
<u>— " —</u>	<u>— " —</u>	<u>Normal</u>	<u>Normal</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>
<u>— " —</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>
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<u>— " —</u>	<u>— " —</u>	<u>— " —</u>	<u>Normal</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>
<u>— " —</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>
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<u>— " —</u>	<u>— " —</u>	<u>Normal</u>	<u>Normal</u>	<u>— " —</u>	<u>— " —</u>	<u>— " —</u>

• If any plant has an abnormal growth/symptoms appears so that examine with Symptoms/Disease analysis.

At the year 2023 in the SDM colony of Pandaria has planted some few plants & their names are listed here:-

S.N.	Name of Plants	Quantity
1	<i>Mangifera indica</i>	10
2	<i>Phyllanthus embelica</i>	10
2	<i>Saraca asoca</i>	10
4	<i>Neolamarkia cadamba</i>	10
5	<i>Nerium indicum</i>	10
6	<i>Ziziphus sp.</i>	10
7	<i>Nelumbo nucifera</i>	10





Pic: - Plantation event in an SDM colony by the student.

Health Report card of *Phyllanthus embelica* plants

Health Report Card

Name of the plant- *Phyllanthus embelica* Temperature- 20-25°C
 Scientific name - Amla (*Phyllanthus sp.*) Soil profile- medium Black
 Variety & habitat- francis amla & Tree habitat location- SDM Alluvial colony
 Date & season- 9/01/2023

Morphological Analysis

Name of Plant	Stem size & growth	Leaves size & growth		Flowers	Branching	Others parts (e.g. - thorns, prickle etc.)
		Young	Mature			
Phyllanthus.	Normal	Normal	Normal	Not pres	Normal	
Phyllanthus.	Normal	Normal	-u-	Not pres.	Normal	
Phyllanthus	Normal	Normal	-u-	-u-	Normal	
-u-	-u-	-u-	-u-	-u-	-u-	

• If any plant has an abnormal growth/symptoms appears so that examine with Symptoms/Disease analysis.