



MERUVAMBAYI. M. U. P. SCHOOL

WORKSHEET -1.6

Reaping Gold From Soil

16/07/20
VII Std



Watch the online class. The link is given here

Click here: <https://youtu.be/VS5eK97xTPg>



Children, We have seen so far how plants of the same kind, but with different qualities, are combined together to form good quality sapling.

What other methods can be used to produce better seeds?

Examine the pictures and notes given below



Tall variety

- 20 – 30 metre high
- Yields in 6 – 10 years
- Life span of 80 – 100 years
- Green-coloured coconut

Major varieties: West-coast tall, East coast tall, Lakshadweep ordinary (Lacadive ordinary).



Dwarf variety

- 8-10 metre high
- Yields in 4 – 5 years
- Life span of 30 – 35 years
- Yellow, orange, brown coloured coconut

Major varieties: Chavakkad orange (chowghat orange), Chavakkad green, Gangabondam.

Activity 1

- a. Find out the *advantages* and *disadvantages* of tall and dwarf varieties and write them down.

Tall variety

<i>Advantages</i>	<i>Disadvantages</i>

Dwarf variety

<i>Advantages</i>	<i>Disadvantages</i>

- b. What will be the qualities of a new seed produced by combining *tall* and *dwarf* varieties.

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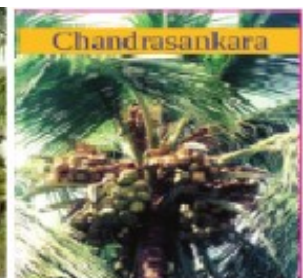
Hybridisation is the method of producing new seeds through artificial pollination between plants of the same species but of different characteristics. *Seeds* formed in this manner may *combine advantages, disadvantages and mixed qualities of both the parent plants*. Seeds with *desired qualities* are selected from these.

Activity 2

- a. Write the name of some hybrid variety coconut tree.

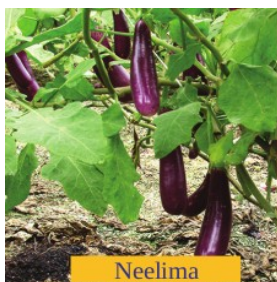


Hybrid coconut



Chandrasankara

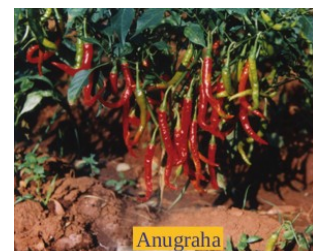
- b. What are the quality seeds of paddy, pea, green chilly, lady's finger, brinjal, and tomato?



Neelima



Pavithra



Anugraha

Activity 3

Can you name some of the Agricultural Research Institutes of our State.



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Activity 4



Write a note on Tissue culture.....

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Watch the online class regularly, and note down the important points given there.....

Do all the activities given in the worksheet and send to me.....

All the Best

