

Project work

VSR GOVT DEGREE & PG COLLEGE

Department of Botany

Name : M. Prudhvi narayana

Group: B. Sc (Biotech)

Year: IV 2020-21

Roll no: Y193223011

Topic:

Submitted to

V. Naga Lakshmi

MARI GOLD



Kingdom : Plantae

Division: Magnoliophyta

Class : Magnoliopsida

Order : Asterales

Family : Calenduleae

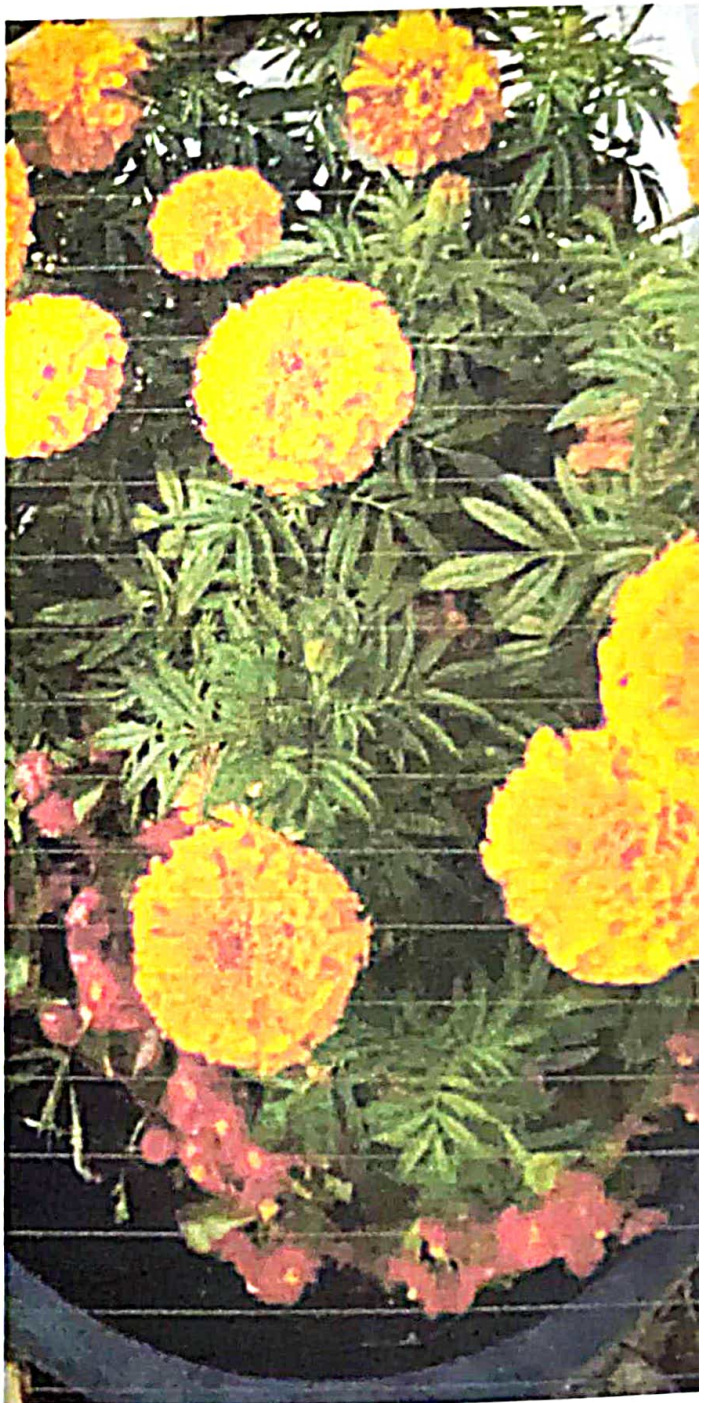
How to propagation methods

- Marigold is mainly propagated by seeds.

- Besides; it can also propagated by herbaceous cuttings.
- Crop raised from seeds is tall, vigorous and heavy bloomer

Seeds propagation methods

- Product Description. French Marigold – Enjoy sunny blooms all summer long by starting Marigold seeds in the early spring.
- This seed mix produces small, compact plants with flowers in shades of orange and yellow.



Cutting propagation

- Marigolds generally require little pruning, although pinching them back promotes a bushier habit and deadheading encourages continued blooming.

Project work

VSR GOVT DEGREE & PG COLLEGE

Department of Botany

Name : *G. Amulya*

Group: *B.Sc [Bio-Tech]*

Year: *3rd year 2020-21*

Roll no: *Y193223006*

Topic:

Submitted to .

V. Naga Lakshmi

Mango

Classification

Scientific name :: *Mangifera indica*

Kingdom: Plantae.

Division: Angiospermae.

Class: Dicotyledonae.

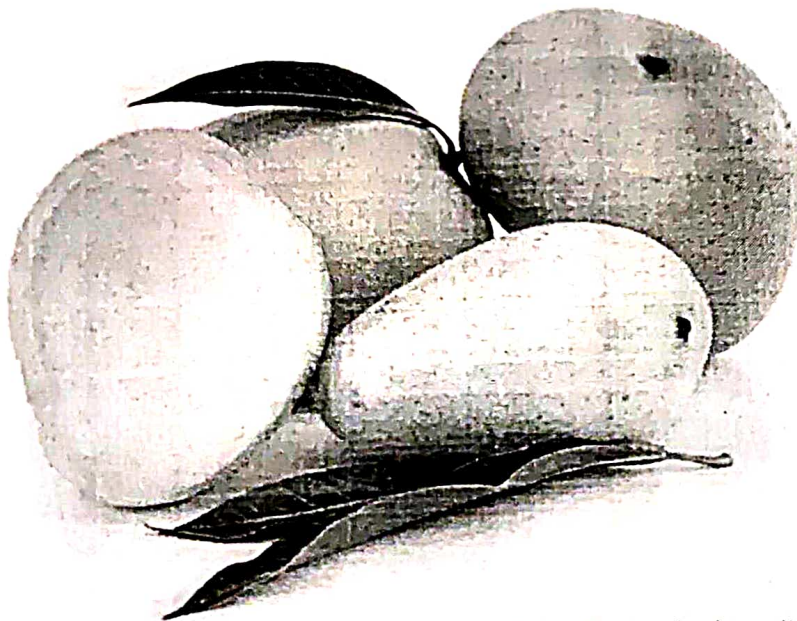
Order: Sapindales.

Family: Anacardiaceae.

Genus: *Mangifera*.

Species: *indica*.

Uses



- ❖ In some parts of the world, mango (*Mangifera indica*) is called the "king of fruits" (1Trusted Source).
- ❖ It's a drupe, or stone fruit, which means that it has a large seed in the middle.

❖ Advantages

- Produce fruits that are “true to type”. When planted, the expected characters of the parents are carried to the next generation.
- Earliness to bearing (precocity) takes shorter time. Under proper management, grafted trees bear fruits one to two years after planting. However, it is recommended that four years of growth should be maintained for proper establishment of trees. Trees are generally small in size and several numbers can be planted to a hectare. In addition, many of the recommended cultural practices can be implemented without much difficulty (spraying, cultivation, bagging and harvesting)

❖ Disadvantages

- Grafted trees are shallow-rooted and are easily uprooted by strong winds and typhoons.
- It is a common notion that grafted trees have shorter life span. However, this is yet to be proven since many grafted trees are more than 80 years and are still vigorous and productive

Grafting



Project work

VSR GOVT DEGREE & PG COLLEGE

Department of Botany

Name : M. Naga Anjana Devi

Group: IIIrd B.S.C (BTBC)

Year: IIIrd 2020 - 21

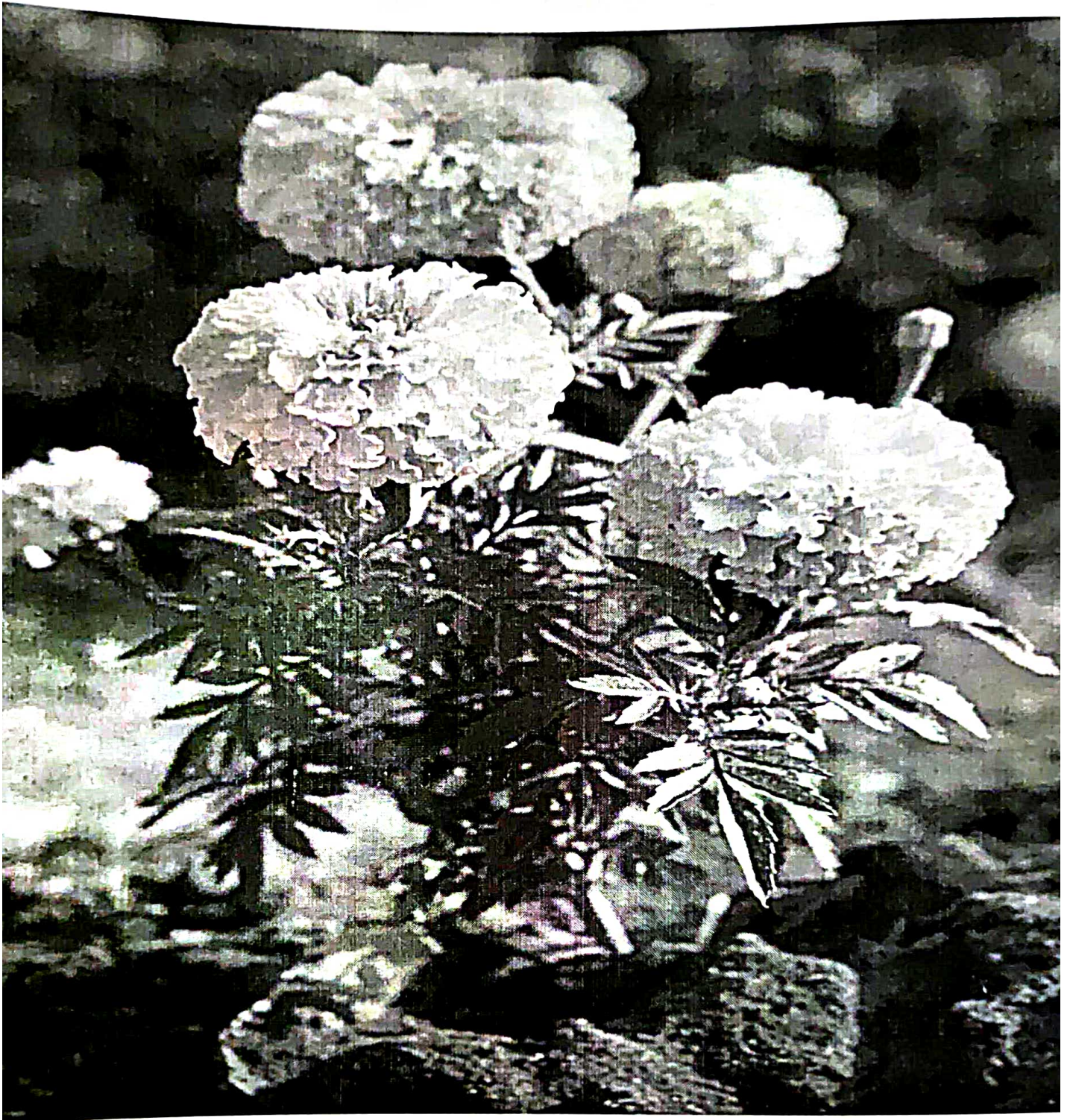
Roll no: V193223012

Topic:

Submitted to

V. Naga Lakshmi

MARI GOLD



Kingdom :Plantae

Division: Magnoliophyta

Class : Magnoliopsida

Order : Asrerales

Family : Calenduleae

How to propagation methods

- Marigold is mainly propagated by seeds.

- Besides; It can also propagated by herbaceous cuttings.
- Crop raised from seeds is tall, vigorous and heavy bloomer

Seeds propagation methods

- Product Description. French Marigold – Enjoy sunny blooms all summer long by starting Marigold seeds in the early spring.
- This seed mix produces small, compact plants with flowers in shades of orange and yellow.



Cutting propagation

- Marigolds generally require little pruning, although pinching them back promotes a bushier habit and deadheading encourages continued blooming.

Project work

VSR GOVT DEGREE & PG COLLEGE

Department of Botany

Name : B. Akshitha

Group: B.sc (BtBc)

Year: III year 2020-21

Roll no: 4193223001

Topic: Nursery Gardening

Submitted to

V. Naga Lakshmi

JASMINE



Classification:

Scientific name: *Jasminum*

Family: Oleaceae

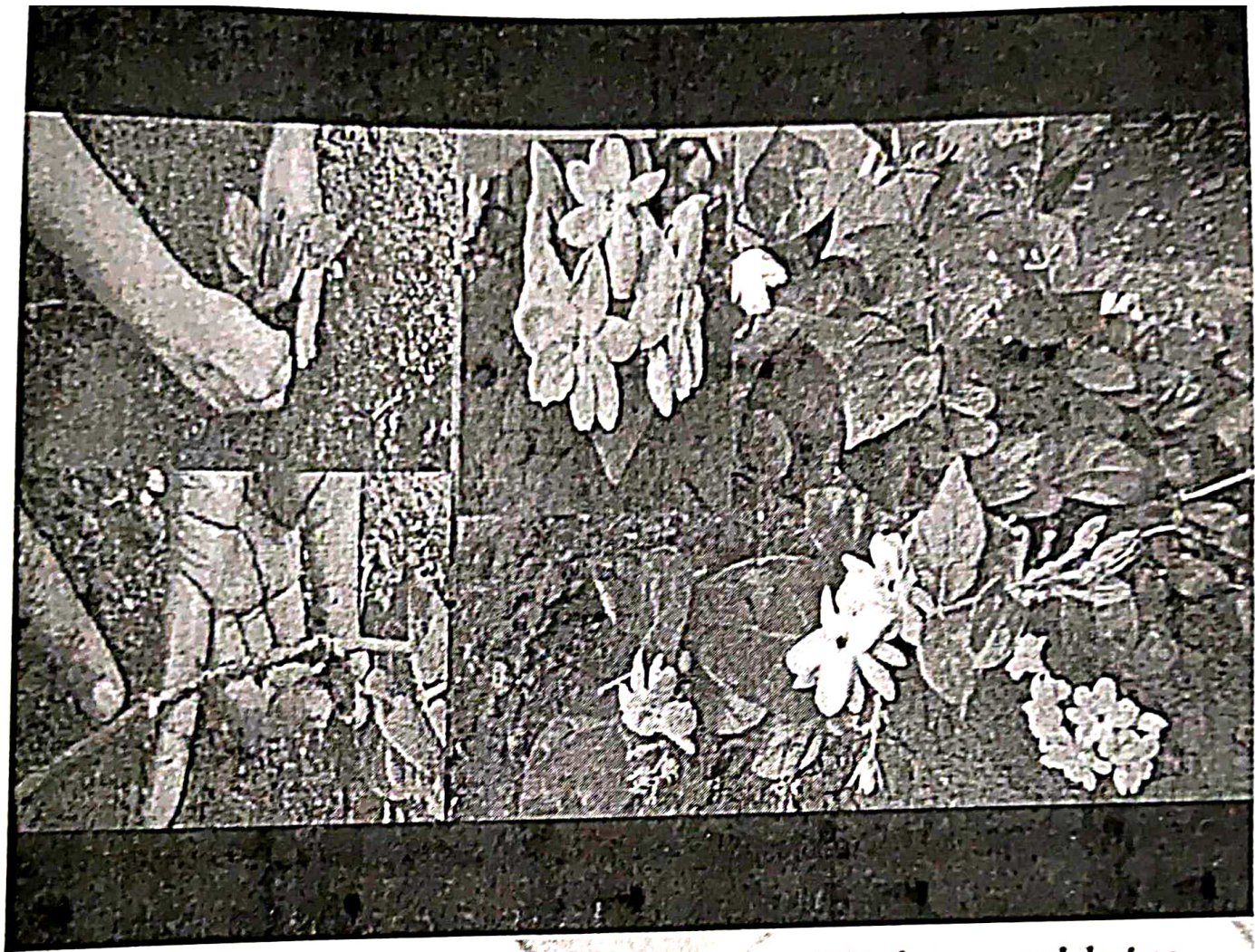
Order: Lamiales

Kingdom: Plantae

Tribe: Jasmineae

Uses:

- Jasmine is a plant. The flower is used to make medicine.
- Jasmine has been used for liver disease (hepatitis), liver pain due to cirrhosis, and abdominal pain due to severe diarrhea (dysentery).



Facilitates lactation

Stimulates sexual desires

www.lybrate.com



lybrate

Propagate Methods:

- Jasmine can be propagated by cuttings, layering, sucker, grafting, budding and tissue culture.
- Jasmine propagation is possible in two different ways: rooting jasmine cuttings and planting jasmine . Both methods create healthy ...

Sexual and Asexual methods:

- For getting hybrid varieties and mixing, asexual reproduction is the most convenient method than buying hybrid seeds. Plants like hibiscus, ...
- Many plants reproduce asexually as well as sexually. In asexual reproduction, part of the parent plant is used to generate a new plant. Grafting, layering