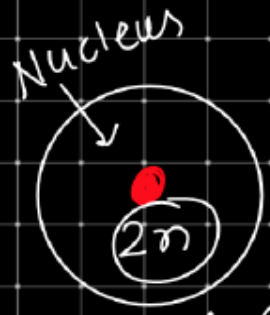


Plant Group	Types of Gametes	Gametes Transferred	Gametic Fusion
Algae	Isogametes and Heterogametes	H ₂ O Mainly	Internal or External
Bryophytes	Heterogametes	H ₂ O	Internal
Pteridophytes	Heterogametes Antherozoids → Archegonia → egg	Water	— —
Gymnosperm	Heterogametes Male gamete female gamete	Air ↓ Pollen	internal
Angiosperm	Heterogametes Male gametophyte → Pollen grain → Male gametes Female gametophyte → embryo → female gametes	A Wind ↓ Pollen	internal

EMBRYOGENESIS



Mitosis

Embryo

$2n$

Fertilized
Ovule

Seed

Formation Embryo from the Zygote
development

Germination

New Plant

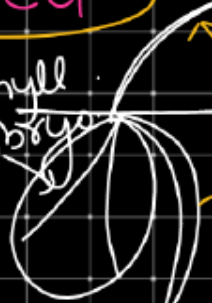
→ prote...
→ dry
→ fleshy

Zygote (Diploid)

Stamen
Male-Microsporo
phyll



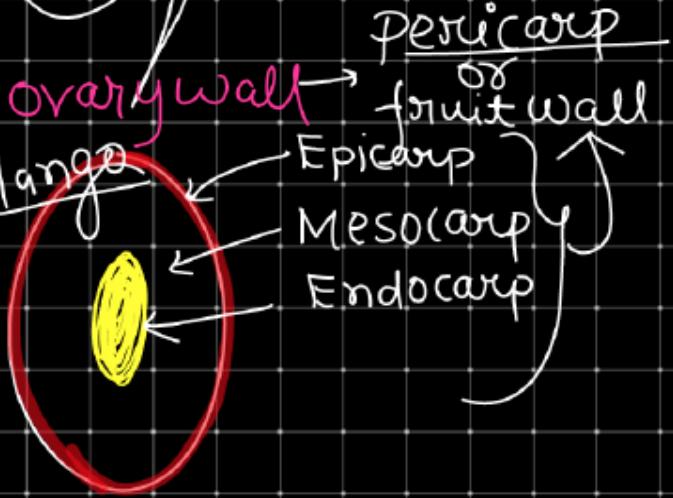
carpel
Megasporophyll
Embryo



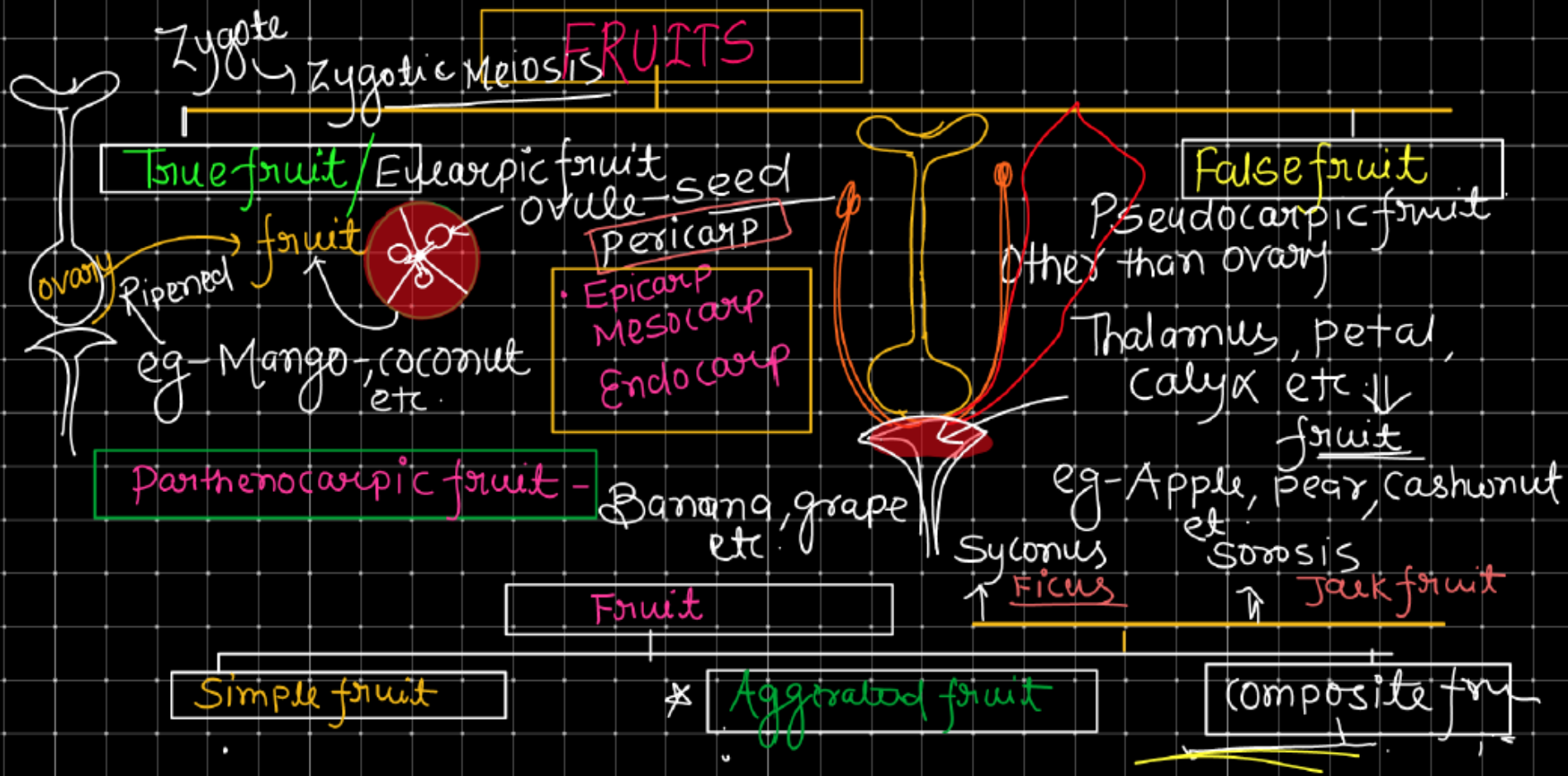
RAM
Radicle

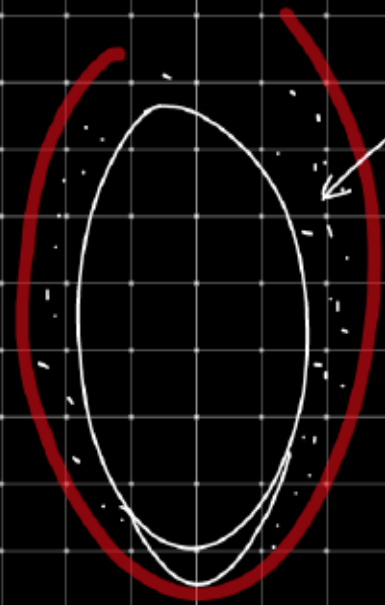
Ovule
↓
Seed

Ripened
Ovary
↓
Fruit



pericarp
or
fruit wall
Epicarp
MESOCARP
Endocarp





Nucellus perisperm] perisperm

Black pepper

Beetroot

B.B के समतल,
कम