

Biologi Perkembangan (Tumbuhan)

Pengertian Perkembangan Tumbuhan

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Development ?



May be defined as the action of genes in:

1. creating a new organism from some part of a parent organism
2. maintaining or increasing the size of a fully formed mature organism
3. repairing accidental defects or loss in an organism

Changing off /transformation

In broadly state:

“any transformation from one state, condition, composition, or function to another that is progressive and relatively permanent under natural conditions”

There are many patterns of development - may be occurred by all levels of biological organization - from the molecular to the organism, and even in the population level.

**Characteristic of developmental process:
a progressive series of transformation**

Transformations appear to be programmed from beginning

The program consists of an inherited set of instructions in the form of chemical code (DNA)

The program is predetermined and its process can be changed by environment

Control of Development

