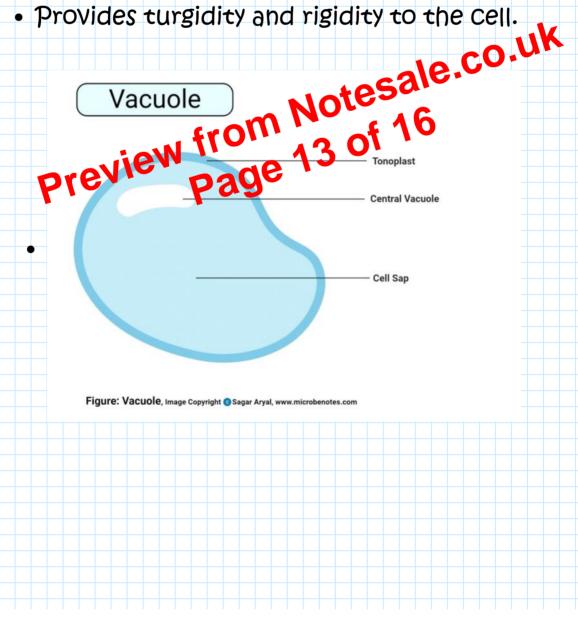
## VACUOLES

Vacuole is a membrane bound space found in the Cytoplasm . It contains water , and excretory products. It is bounded by a single membrane Called Tonoplast.

## > FUNCTJONS OF VACUOLE

- Vacuole is the main storing organelles for solid and liquid contents such as amino acids, sugars, various organic acids and some proteins.
- Helps in osmoregulation in plant cells, i.e., expels excess water from the cell.
- Provides turgidity and rigidity to the cell.



## PLASTJDS

Plastids are found in almost all plant Cells . It is a double membrane bound structure . It is the largest Cell organelle in the plant Cell.

- → Chloroplast. They are green colored plastids which takes part in photosynthesis.
- → Chromoplast. These are yellow and red Colored ,fat soluble plastid .
  - → Lencoplast. These are colorless plastids of Various shapes and sizes with stored nutrients.

## > FUNCTJONS OF PLASTJDS

TVPES OF PLASTJDS

- Photosynthetic pigments of chloroplast traps light energy of the sun and converts it into the chemical energy in the form of glusos.
- Chromoplasts impart or other fruits and flowers thus helow pollination.

