

S2 Biology Life of Plants Need to Knows

- Plants can reproduce sexually (PARTS DIAGRAM) by producing seeds. The new plants are genetically related but not identical to the parent plants.
- Plants can reproduce asexually by producing tubers, bulbs, runners and plantlets. The new plants are genetically identical to the parent plant.
- Different parts of a seed; seed coat, embryo, food store.
- Artificial propagation is done by humans to create clones of plants by taking cuttings
- Artificial propagation is done to increase yield of desirable plants
- Fertilisers can be used to increase plant yield or increase nutrients levels in the soil.
- Chemical fertilisers, herbicides, pesticides, organic farming, GM and biological control are all used to increase food production.
- Explains how different types of chemicals can be used in agriculture and describe their impact on the world's food production.
- Explains how organic farming and GM crop species can be used in agriculture and describe their impact on the world's food production.