

Week 5

Methods of control of weeds

Deliberate effort made by man to eliminate weed seed and stop them from growing.

Weeds control is therefore achieved by one or a combination of these methods

i. cultural method

ii. Biological method

iii. Mechanical method

iv. chemical method

i. **cultural method**

a. **crop rotation:** some weeds are associated with certain crops when such crop is moved away from the plot, the life

ii. **mechanical method:** tillage is an important mechanical method of weeds control. Primary tillage uproot weeds and buries them. They later decay and become part of the organic matter content of the soil

iii. **chemical method:** from the application of chemicals (called herbicides) for the purpose of controlling weeds is widely practiced.

Herbicides may be applied to the soil or directly to shoots of weeds.

iv. **biological methods:** attempts have been directed towards the use of biological organisms for the control of weeds

chemical weed control

Weeds can be controlled using chemicals known as herbicides. Herbicides are of two types

a. selective herbicides which kill plants of a particular kind eg, Dalapon

b. non-selective herbicides: which kill all plants eg *Lead arsenate*, great precaution

should be taken in their use as they can be harmful to man or crops if manufacturer's instruction, are not properly followed.