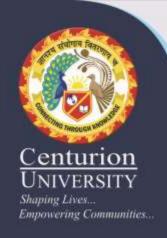


Centre for Smart Agriculture

Production Technology of cut and loose flower

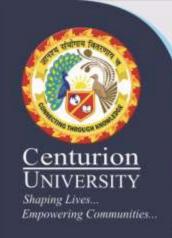


Module 2 : Cultural practices followed in cut and loose flower Session 10: Fertilizer application methods



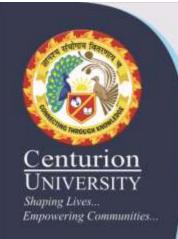
➢ Fertilizer is any material of natural or synthetic origin (other than liming material) that is applied to soil or to plant tissues to supply one or more plant nutrients essential to the growth of plants.

➢Application of one or more nutrients to plants is known as fertilizer application.



Types of fertilizers:

- Simple / straight fertilizer
- Complex or compound fertilizer
- Mixed fertilizer
- Complete fertilizer
- Incomplete fertilizer
- Low analysis fertilizer
- High analysis fertilizer



Application methods for solid fertilizer:

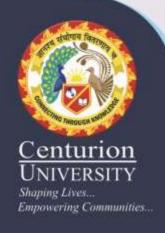
• **Broadcasting:** It refers to spreading fertilizers uniformly all over the field.



Centurion UNIVERSITY Shaping Lives... Empowering Communities...

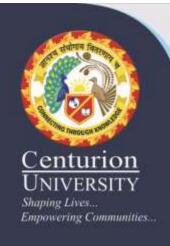
•Top dressing: It is the broadcasting of fertilizers particularly nitrogenous fertilizers in closely sown crops like paddy and wheat, with the objective of supplying nitrogen in readily available form to growing plants.





 Placement: It refers to the placement of fertilizers in soil at a specific place with or without reference to the position of the seed.

a)Plough sole placementb)Deep placementc) Localized placement



Application methods for liquid fertilizers

a)Starter solutionsb) Foliar applicationc) Application through irrigation water(Fertigation)d) Injection into soil





Drip irrigation



Thank you.....