



DESKU EIACP PC-RP on Environmental Biotechnology, University of Kalyani, Nadia, West Bengal

World Environment Day-2024

SEED BALL- "Through and Grow"



A seed ball (or seed bomb) is an ancient Japanese technique that has been wrapped in soil materials, usually a mixture of clay and compost and scattering them on to suitable ground, not planting of trees manually.

PREPARATION of Seed Balls

- Measure four (4) parts compost to one (1) part powdered clay into a bowl
- Mix the compost and clay together.
- Add the seeds.
- The compost/clay mixture should surround the seeds.
- Add water very slowly and gradually.
- Make the mixture consistency of clay.
- Roll small amounts of the mixture into marble-sized balls.
- Dry it for 24 to 48 hours.



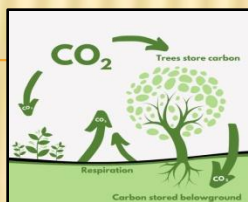
Through and Grow

- Aerial throwing of balls is recommended on hillocks or harsh habitats.
- Broadcasting of seed balls can be done by throwing with hands or dropping from helicopter or drones.
- It covers large area in least time.



Impact on environment

✓ Carbon sequestration



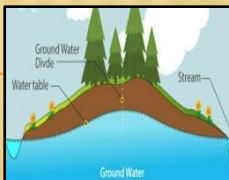
✓ Soil erosion control



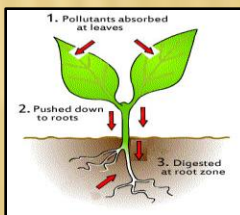
✓ Forest cover



✓ Increase of water table



✓ Purification of water and air



✓ Biodiversity conservation

