

### Benefits

- Extended growing season
- Water Conservation: Tunnels contribute to water conservation by minimising the amount of water required for crop irrigation.
- Protection from pests and diseases
- Better quality produce

### Challenges

- High initial investment (PKR 12 million/ha for high tunnels, PKR 5 million/ha for walk-in tunnels).
- Requires full-time commitment.
- Lack of locally trained technical and managerial workforce.

### Recommendation

Government of Sindh should promote the construction of on-farm reservoirs to store surplus water, enabling efficient use through drip irrigation systems.



### Cucumber Yields (tonnes/ha)

Conventional Method  
(One crop/year)

2.5-3

Tunnel Farming  
(Two-Three crops/year)

20-25



Please scan for more details