

Support and Implementation

Tunnels vary in structure and height (low, medium, and high). Low to medium tunnels are dismantled after each crop, while high tunnels are permanent, allowing tractors to cultivate the land.

Steel pipes and a special plastic net are essential, with the net being the costlier component (PKR 1.70 – 2.0 million per hectare) and lasts 6-7 years. Steel pipes are long-lasting with anti-rust maintenance. Tunnel farming recovers capital costs within two years, after which farmers profit from only running and input costs.

Scaling Potential

The practice is suitable for cucumber farming and can be scaled up in southern districts though not feasible in coastal districts (Badin, Thatta, Sujawal, and Karachi) due to high wind velocity, cyclones, and salty dust particles.

