

Off season Coriander cultivation under shadenet

Background:

Thiru. K.K.Velusamy S/o. Kandasamy of Palapatti village of Namakkal district is an progressive farmer. He underwent training on Off season production of vegetables under shade net condition at this Kendra. After that he cultivated Coriander under shade net during January – March in an area of 3000 sq.ft. Due to prevalence of high temperature during January – February, the germination percentage (45- 60 %) was very low under open field condition. In order to improve the germination percentage (80 %) and crop growth, he cultivated the coriander under 50 % shade net condition.

Interventions:

- Cultivation techniques under shade net.
- Seed treatment.
- Staggered sowing.
- Bio control of pest and disease management

Process:

Training programme on off season vegetable production was organized at Namakkal KVK and provided the necessary technical advice to the farmer. The farmer in turn adopted the recommendation.

Technology:

- Staggered sowing at 4 days intervals
- Application of coir pith compost and Coconut fronds to maintain the humidity and increase the germination percentage.
- Seed treatment with Trichoderma viride @ 4 g / Kg of seed.
- Soil application of Trichoderma viride and Pseudomonas fluorescence along with powdered farmyard manure.
- Split application of vermicompost.
- Timely management of pest and disease.

Impact:

- Total broad bed / 3000Sq.ft : 28nos (each 60-70 sq.ft)
- Yield / sq.ft: One bundle weighing 30 to 40 g @ Rs.8 / bundle as against Rs.6 in Normal season.
- Duration : 35 days (25 days in normal season)

By adopting the above mentioned practices, he obtained 2800 bundles of coriander from 3000 sq.ft in a staggered manner and earned Rs.22,400./ 3000 sq.ft as net profit during off season.

Source:

Krishi Vigyan Kendra

Veterinary College and Research Institute Campus,

Namakkal – 637 002.

Tamil Nadu, India

Phone: 04286-266345, 266244, 266650