

## HORTICULTURE

Q1. What is the optimum time of sowing rabi vegetables?

Ans. Rabi vegetables can be sown in the month of October whereas nursery can be grown in the second fortnight of September to 1<sup>st</sup> week of October.

Q. What are the improved varieties of cabbage, cauliflower and broccoli for East Sikkim?

A. Cabbage: Takia, Bahar, Pusa mukta, Krishna.  
Cauliflower: Barkha, Suwashini, Snowball.  
Broccoli: Aishwarya, Everest, Puspa.

Q. What are the main diseases of vegetables in nursery stage and control measures?

A. Damping off is the main disease in nursery stage.  
Control: Use 2gm/sqm trichoderma powder before sowing of seed in nursery bed.

Q. What are the improved varieties of tomato for East Sikkim?

A. Arka Meghali, Arka Surabhi, All rounder, Avtar and Indian Hybrid are good varieties for East Sikkim.

Q. What are the main insect pests of tomato and what are their control measures?

A. Main and common insect pests of tomato is fruit borer which can be controlled by spraying of neem oil @ 5ml/l of water 3 times in 15 days interval.

Q. Name the okra varieties suitable for East Sikkim?

A. Arka Anamika is the best variety for East Sikkim.

Q. What is the best time for sowing of okra?

A. May to June is the best time to get potential yield, whereas on occurrence of monsoons, okra can also be sown in April 15<sup>th</sup>.

Q. What are the best varieties of chilli and brinjal?

A. Chilli: Pusa Jwala, Pusa Suryamukhi, Hybrid  
Brinjal: Pusa Purple Long, Pusa Purple Round, Hybrid.

Q. What are the main insect pests of brinjal and what are its control measures?  
A. Shoot and fruit borer are the main insects which cause maximum damage in the plant and fruit making it unmarketable.

Control: Tricho cards @ 6nos. per ha may be used for the control of the above insects.

Q. What is the optimum time for sowing of ginger?

A. April is the best time for sowing of ginger.

Q. What are the improved varieties of ginger for East Sikkim?

A. Bhaise and Gorubathan are the best varieties of ginger for East Sikkim.

Q. What are the good varieties of turmeric?

A. Megha Turmeric-1 is the suitable variety of turmeric.

Q. What is the optimum sowing time of turmeric?

A. Second fortnight of April to first fortnight of May is the optimum time for sowing of turmeric.

Q. What are the promising varieties of cucumber?

A. Long Green is the best variety of cucumber.

Q. What are the promising varieties of pea?

A. Early-6, Azad pea-1 and Arkel are promising varieties for East Sikkim.

Q. What are the promising varieties of potato?

A. Kufri Megha, Kufri Sundari, Red pimpernel are the best promising varieties for East Sikkim.

Q. What is the suitable sowing time of potato?

A. Last week of September to first fortnight of October.

Q. What are the main diseases of potato?

A. Early blight and Late blight are the main diseases of potato.

Control: (i) treat the seeds with 3gm/l trichoderma for half an hour before sowing.

(ii) spray trichoderma powder @ 3m/l of water when disease appears.

Q. What are the promising varieties of banana?

A. Dwarf Cavendish i.e. Jahaji, Borjahaji and Robusta are the promising varieties of banana.

Q. What are the main insect pests of banana?

A. Rhizome weevil and stem borer are common insects.

Control: Furadon-34 @ 10gm in the bunn may be applied to control the insects.

Q. What are the suitable varieties of guava?

A. Allahabad Safeda, L-49 are promising varieties for East Sikkim.