

夏秋蔬菜生产覆盖防虫网技术要点

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夏秋蔬菜生产由于害虫多, 施药繁, 严重影响了消费者的消费安全, 因此, 怎样减少或不用农药而生产无公害夏秋蔬菜, 成为亟待解决的问题。近几年来, 通过应用防虫网隔离栽培夏秋蔬菜, 避免了害虫直接危害或入内产卵, 做到了不用或少用农药, 生产的蔬菜达到了无公害要求, 效果很好。其主要生产技术要点如下。

1 选择合适的防虫网

一般应选目数为22目或24目, 据最新研究表明17目的效果也不错; 颜色有白色、银灰色等, 以银灰色的防虫网为好, 既适宜蔬菜正常生长, 又利于防止害虫侵入。

2 选择适宜的蔬菜品种

夏秋季节高温多雨, 应选用抗热、耐湿、抗病的蔬菜品种。

3 选择适当的覆盖方式

实行全程覆盖。防虫网遮光率小, 夏秋季节覆盖栽培不会对蔬菜作物造成光照不足影响。为切断害虫危害途径, 整个生育时期都要进行防虫网覆盖, 要先覆网后播种。

4 选择合理的技术措施

4.1 土壤消毒

覆盖防虫网之前, 要进行土壤消毒, 以杀死残留在土壤中的害虫和虫卵, 切断传播源; 覆网时, 防虫网的四周要压严实, 防止害虫潜入产卵。

4.2 施足基肥

一般夏秋蔬菜多为叶菜类, 生育期较短, 需肥量不大, 因而生长期间不需再追肥, 一次性施足基肥即可。

4.3 棚高适宜

小拱棚或小平棚覆盖时, 棚高宜高于作物, 避免菜叶贴紧防虫网, 被网外跳甲等害虫取食或产卵于菜叶。若在高温期间进行蔬菜覆盖栽培则棚内空间越大越好, 因而, 以棚高2m的大平棚覆盖栽培为宜, 即可人工操作, 又利于蔬菜生长。

4.4 肥水管理

浇水施肥可采用网外泼浇, 或沟灌, 有条件的地方最好采用滴灌和微型喷灌, 尽量减少入网操作次数。进出网时要及时拉网盖棚, 不给害虫入侵机会。要经常巡视田间, 及时摘除挂在网上或田间的害虫卵块, 检查网、膜有否破损, 加以及时修补(当最高温度连续超过35℃时, 应避免使用防虫网, 防止烂菜)。

Research and Promotion of the Three Kinds Highly Effective Cultivation Patterns of Tomato and Celery Cold Awning in The East of Hebei Province

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Abstract: In order to explore the three kinds pattern cold awning of three-receive highly effective cultivation in the east of Hebei Province, we introduct tomato guarantees the powder 1, 1857, the west celery Ventura new variety, Comparing with the local tradition variety tomato L402, L400 and the celery glass crisp, the new variety has the fine commercial quality and the price superiority. Improved the local ordinary greatly cold awning, and designs the non-column cold awning which does not had back wall Canada to cover with a mat with the reasonable structure, few invests and high benefits. In this kind of three-receive cold awning, the tomatoes and the celery springs can be produced ahead of time to supply the market off season after the fall, and extend the vegetables supply time. The amount of the single awning output of this three kinds of three-receive pattern (400 m²) was 11 156.30 Yuan, increaed 4 245.90 Yuan compared to the ordinary greatly two-receive pattern single awning. This pattern had the characteristics of high output, superior quality, high benefits and broad promoted prospect and so on.

Key words: East of Hebei Province; Tomato; Celery; Canada Cold awning covering with a mat; Three kinds of three-receive