

Water Melon Growing Lesson



Techniques of growing Water Melon

- 1) First, select high land to grow water melon.
- 2) Hoe, plow and harrow the soil and dry soil up for a week or more.
- 3) Make a groove to grow 1.5 Toeks (15 cm) in deep and each side of a hole is 2.5 Toeks (25 cm).
- 4) A line of water melon to another one is spaced out 1 metre, as for its length is depends on land situation that we have.
- 5) Put 5 kg of natural fertilizer into the groove for a square metre.
- 6) Take water melon seed to soak in the warm water for 10 minutes after soaking in the cool water for 5 hours and then keep hidden it for 6 hours in the ice box.
- 7) After that we can take water melon seed to grow by putting 3 seeds for a hole.
- 8) Notice: growing from a clump of water melon to another one is spaced out 1 metre.

9) This kind of water melon seed will provide the result to us for 1 month and 15 days (45 days).

10) The important point is, observe, take care, use water for water melon, pull weeds and eliminate small bugs, etc.

 *Thank You!* 

Cucumber Growing Lesson



The cucumber crop is a kind of crops that farmers like to grow and eat especially green cucumber. It is sources of vitamins and has many and different kinds of mine substances such as water, protein, oil, fat, energy of iron substance and vitamin C and so on.

1. Techniques of growing Cucumber

1.1 Selecting cucumber seed

Collecting cucumber seed is a first important factor for growing to determine yields and demanding of the markets.

The important factors for choosing cucumber seed is as followings:

- 📖 Cucumber seed has the apparent source (domestic seed or hybrid seed)
- 📖 An age of cucumber seed is right.
- 📖 Good seed can grow from 85% to 90%.
- 📖 Seed is good purebred.

📖 Seed is to bear with weather, bugs, and other diseases.

Hybrid seed cannot keep growing to continue any more.

1.2 Preparing the soil

- 1) Plough and harrow soil from 2 to 3 times.
- 2) Dry soil up for 10 or 15 days.
- 3) Crush soil and clean grass out.

1.3 Raising the ridge

➤ Raise height of the ridge from 15 to 25 centimetres in dry season, 25 to 30 centimetres in rainy season and width is 100 centimetres and length depends on possibility that can do.

➤ Use natural fertilizer from 5 to 6 kilograms in a square metre and mix with soil and then harrow to cover on it in order to make soil flat.

1.4 How to grow

A. Growing seed directly

❖ After raising the ridge, dig a hole in deep from 20 to 30 centimetres.

- ❖ Use 0.5 kilogram of compost fertilizer for a hole.

- ❖ Dry seed up for 1 hour, wash it with water and soak in the water for 4 to 5 hours and then wrap it with cloth and then bury in the moist soil for 1 night.

- ❖ Put 1 to 2 cucumber seeds for a hole and then put short pieces of straw or natural fertilizer to cover or sprinkle on the hole and then water quickly in order to make seed quick to grow up.

- ❖ A clump of cucumber to another is spaced out 30 to 50 centimetres as letter V and space for walking is 50 centimetres and chest for this crop is 40 to 50 centimetres.

B. Budding cucumber seed

- ❖ Mix together, 50 per cent of non-virus finely sand and 50 per cent of fertile soil (cover with plastic tent on the sand and dry with sunlight for 2 to 3 days) and then stuff into plastic bags, leave bowls or seedbeds.

- ❖ Pierce on a bottom of plastic bags or bottom of leave bowls in order to absorb water out and then take seed to sow.

C. Growing young cucumber

- ❖ If we compare how to grow young cucumber crop is the same how to grow seed directly above.

- ❖ Farmers can grow young cucumber when it has 2 or 3 leaves.
- ❖ Have to grow young cucumber in the evening; that is better.
- ❖ After growing, take small pieces of dry straw to sprinkle on a base of cucumber to keep moisture.

2. Taking care

2.1 Scarifying soil, making a mound of soil at a base of cucumber and clean grass

Clean grass, scarify the soil, make a mound of soil at a base of cucumber and take some young cucumber out when seeing compact grown cucumber before using fertilizer. Use water for cucumber 2 times a day, in the morning and evening until stop harvesting results.

2.2 Using fertilizer

Use 0.5 to 1 kilogram of compost fertilizer at the bottom of the hole for a hole.

2.3 Watering cucumber

- 1) Use water for cucumber in the morning and in the evening.
- 2) Keep 60 to 70 per cent of moisture. If there is high moisture it will be able to cause illnesses in the soil.

2.4 Making trellis

- When young cucumber starts climbing after growing for 10 to 15 days, we start making trellis by taking branches of tree or young tree or bamboo to push in the ground and then tie together along the length of ridge with 1.5 to 2 metres of height.
- When cucumber has suckers after growing for 20 to 25 days, we have to control and put cucumber to climb up the trellis as well.

3. Harvesting results and keep seed

3.1 Harvesting results

We can harvest results of cucumber fruits after growing or having age as followings,

- Cucumber is 35 to 40 days for short time.
- Cucumber is 40 to 50 days for medium time.
- Cucumber is 50 to 60 days for long time.
- If harvesting cucumber is late, it will make its fruits become ripe and worthless at the market.

3.2 Keeping cucumber seed

We have to collect big and ripe cucumber fruit and without illness and no bugs destroyed. After picking up fruit, leave it for 3 to 5 days in order to seed coming out of pulp. After that cut, squeeze and wash with water and dry it with sunlight and then stuff into a bottle or glass (keep 1 of 3 parts of bottle) and cover a lid closely and keep it at the safety and shade place and having air can exit and enter enough.

 *Thank You!* 