

Melon Growing Lesson



Techniques of growing melon

1) Selecting the seed

- Have to check seed that germinates from 85 to 90 percent.
- Have to check seed that has the sure source and they are good pure seeds.
- Select seed that endures the climate and seed that is demanding in the market.

2) Preparing the soil

- ❖ Plough and dry the soil with sunlight for 7 to 15 days.
- ❖ Plough the soil repeatedly 2 to 3 times, 20 to 30cm in deep.
- ❖ Harrow to break the soil finely.

3) Raising the ridge

- The height of the ridge is raised from 15 to 20 centimetres or 20 to 30 centimeters. That is depending on the situation of the land.
- The width of the ridge is 50 Toeks to 1 metre.

4) How to grow melon

+ Growing to put trellis for melon climbing

- Dig a hole, square shape with 2 Toeks of each side.
- Put compost fertilizer at the bottom of the hole.
- A clump of melon to another one is spaced out 30 to 50 centimetres, and chest is spaced out 5 to 8 Toeks.
- We can make trellis for melon climbing when young melon is 10 to 15 days.

+ Growing melon to be decumbent (crawl on the ground)

- Dig a hole the same above and space is the same above and chest is spaced out from 150 to 200 centimetres.
- Dry seed with sunlight for 1 hour and wash it and then soak in the water for 4 to 5 hours.
- After that, wrap seed with cloth and keep hidden for one night or take it to bury in the wet ground for one night.

Notice: Growing melon is able to grow seed directly or can germinate melon seedlings, too.

5) Taking care

- ☺ Use enough water for melon.
- ☺ Clean grass and scarify the soil when melon grows up fairly.
- ☺ Put fertilizer to make melon grow-up.
- ☺ Watch for bugs everyday.

6) Harvesting

We can harvest melon after growing for

- 1- 40 to 45 days for light seed (use for short time)
- 2- 45 to 50 days for medium seed (use for medium time)
- 3- 50 to 60 days for heavy seed (use for long time)

7) Keeping seed to grow continuously

- ✓ Hybrid seed can not keep to grow continuously.
- ✓ Keep melon fruit to become ripe and then cut and take out the seed of melon.
- ✓ Wash seed with water and put it on the cloth, and then dry seed with sunlight.
- ✓ After that, bring dried seed to wrap with cloth to keep well.

8) Nutrition of melon

The advantages of 100g of melon fruit provided as the nutrition as follows,

- 100g of melon= 95.2g of liquid
- 100g of melon= 220 calory of power
- 100g of melon= 0.3g of protein
- 100g of melon= 0.2g of oil
- 100g of melon= 0.4g of viber
- 100g of melon= 3.5g of carbohydrate
- 100g of melon= 0.4g of other substance

 *Thank You!* 

Short Eggplant Growing Lesson



Techniques of growing short eggplant

1) Selecting seed or size of short eggplant fruit

Before selecting seed or size of short eggplant fruit is have to know about demanding of the market clearly.

2) Preparing the soil

- ❖ Plough and dry the soil with sunlight for 2 weeks.
- ❖ Plough the soil repeatedly 2 to 3 times.

3) Raising the ridge

❖ For growing in 2 lines, width ridge is 1 to 1.2 metres, as for length ridge is, it depends on the possibility.

❖ For growing in 1 line, width ridge is 5 Toeks, as for length ridge is, it depends on the possibility.

❖ Raising height ridge is 2 Toeks in dry season and 3 Toeks in rainy season.

❖ Spacing of the ridge from one to another one is 5 Toeks for walking path.

4) Growing short eggplant

- Dig a hole with a square shape in 2 Toeks of each side of the hole.
- Put 2 coconut shells of compost fertilizer or organic fertilizer to mix with soil in the hole at the bottom of the hole.
- Dry short eggplant seed with sunlight for 1 to 2 hours.
- Take that seed to soak in the hot water at 50°C for 15 minutes and then soak it in the cool water for 3 to 4 hours.
- Keep hidden that seed for 1 night and then take it to sow or germinate seedlings.
- Have to prepare the seedbed well before take seed to sow in it; and if germinate seedlings, have also to prepare the soil and leaf bowl well before doing it.
- We can pull young short eggplant to plant when it is 20 to 25 days or when it has 3 leaves.
- Spacing from a clump of short eggplant to another one is 7 to 8 Toeks.
- If we grow short eggplant in 2 lines, have to do it as Letter V or a triangle shape.
- Spacing in the middle of the chest is 5 Toeks.

5) Taking care

- Use enough water on short eggplant.
- Pull weeds well.
- Stick into the ground repeatedly at the clump of short eggplant.
- Put organic fertilizer to make short eggplant grow up.

6) Harvesting

✓ We can harvest the yield of short eggplant when it is 45 to 50 days after planting or 70 to 80 days from the day that sowed seed or germinated seedlings.

- ✓ Short eggplant that has many fruits is, when it is 140 days to up.
- ✓ Harvesting is have to check the demanding in the market.

7) Important substance in short eggplant fruit

- 100g of short eggplant= 39 calory of power
- 100g of short eggplant= 1.6g of protein
- 100g of short eggplant= 0.5g of lipid
- 100g of short eggplant= 7.1g of carbohydrate
- 100g of short eggplant= 7mg of calcium
- 100g of short eggplant= 10mg of phosphorus
- 100g of short eggplant= 0.8mg of sidero (iron substance)

- 100g of short eggplant= 90.0g of liquid
- 100g of short eggplant= 25g of vitamin C and other advantages.

 *Thank You!* 