

Cultivating

5

1. Plastic cap

Remove the plastic cap when the plant touches the sides or top of the plastic.



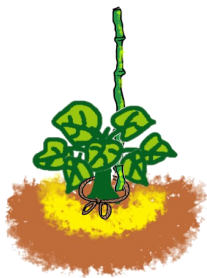
2. Top dressing

When the first blooms appear, apply 2 grabs of Bokashi / 1 zucchini plant.



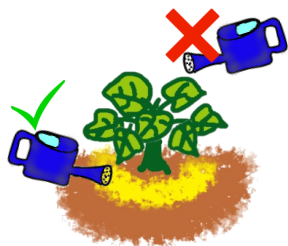
3. Staking

Tie the vines loosely with fine/ thin jute rope to encourage them to grow up the structure.



4. Irrigation

Irrigate once/week around the plant on the ground, but not over the top.



Harvest

6

Harvest the immature fruit at about 20 cm length, 4 – 5 days after the flowering. A large size fruit has hard pulp and very poor taste.

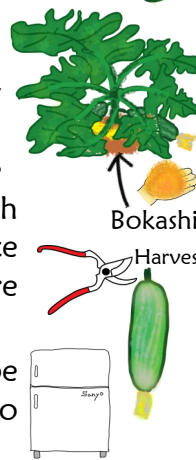
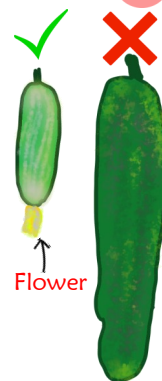
After beginning the harvest, fertilize using Bokashi occasionally for vigorous growth and lots of fruits.

Once squash starts producing, harvest the fruits every day.

Cut the fruit off the vine with secateurs or sharp knife and not break them off by hands.

If you miss to harvest the fruits, remove the overripe squash as soon as possible to reduce wasteful use of moisture and nutrients.

Fresh summer squash can be stored in the refrigerator for up to 10 days.



Major pest and disease

Powdery mildew - It is a common fungal disease of cucurbits that occurs in zucchini plants. To overcome, maintain proper space between plants for air circulation and drying off. Ash and Dolomite should be useful.

Red melon beetle - can be controlled by spraying Malathion 50 EC 1 ml /1 liter of water two to three times in a month during vegetative growth.

Aphid can be controlled by cleaning up nearby weeds, crop rotation and in severe cases use recommended insecticide.



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Agriculture Research and Development Center
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Zucchini

Starter Guide

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Integrated Horticulture Promotion Project
2016-2021



Points of techniques

What is "Zucchini" ?

1

The characteristics of "Zucchini" are below:

1. It is the one of varieties in summer squash group, a relative of pumpkin.
2. Zucchini grows on no-vining stem.
3. Its flowers and in mature fruits are the edible parts. For the harvest in Bajo, it takes 35-55 days after the planting.
4. The fruit grow rapidly. So, it is best to harvest the fruits every alternate day during the growing season.
5. The plant has wide and tall bush. A support stick is necessary for staking.
6. There are 2 varieties of zucchini. The deep green skin variety has soft and white pulp. The other one has golden yellow color with white pulp which is little sweeter than the green skin one.



Major work calendar

1	2	3	4	5	6	7	8	9	10	11	12

Sowing
 Transplanting
 Cultivating
 Harvest
 ★ Top dressing



Land preparation

2

Compost



400 baskets

Bokashi



100 kg
or
SUPHALA : 10 kg

Ash



10 bags
or
Dolomite : 8 bags



It's the standard
for 1 acre land.



Seed pot-sowing

3

Nursery soil: + + + + +

Soil 5 Sand 3 Biochar 3 Compost 2 Bokashi 1/4 or SUPHALA 1 handful Ash 1 handful



Nursery soil

Biochar (soil cover)

Biochar

1 Seed depth :
2 2-3 seeds size
3

2-3 seeds/pot

Select 1 plant.



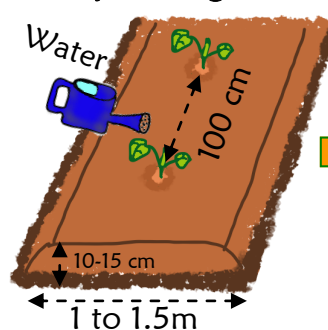
Pots in a plastic tunnel.
Open in morning,
Close before evening.



Plant in the field at
4-5 leaves stage.

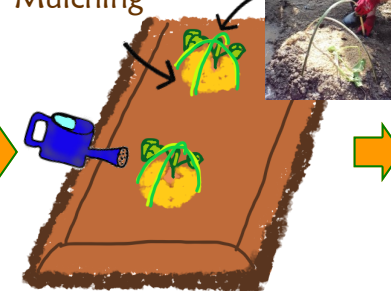
Transplanting

4



1. Irrigate after transplanting and then do mulching using rice husk, rice or wheat straw.

Mulching



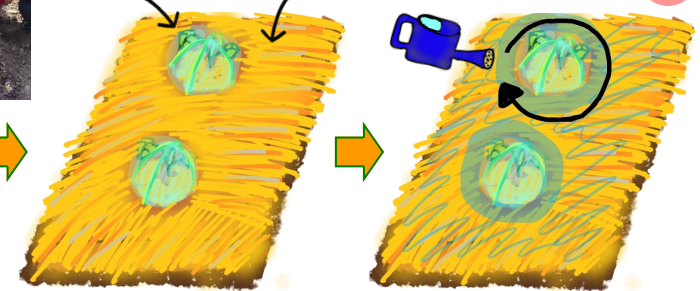
2. After mulching irrigate once again. Make a frame for capping.

Bamboo frame



Plastic cap

Straw mulch on full bed



3. After the transplanting, provide plastic cap to keep moisture and prevention from cold air. Make 15-20 holes at the top of the cap as a countermeasure against over heating. One side of the plastic should be opened after every week and irrigated.

