

SUSFORM-NOW (LDC) News No. 29.4: Technical guideline for cabbage cultivation

1. General description:

Cabbage is the vegetable that prefers light and sandy loam soil. The most suitable one is alluvial soil with moderate acidity (pH level of 5,6-6,0). The best germination of seeds takes place at the temperature of 18⁰ - 20⁰C while the most favorable condition for plant to develop is at temperature of 15-18⁰C.

2. Planting season: There are 3 main planting seasons in the Northern part:

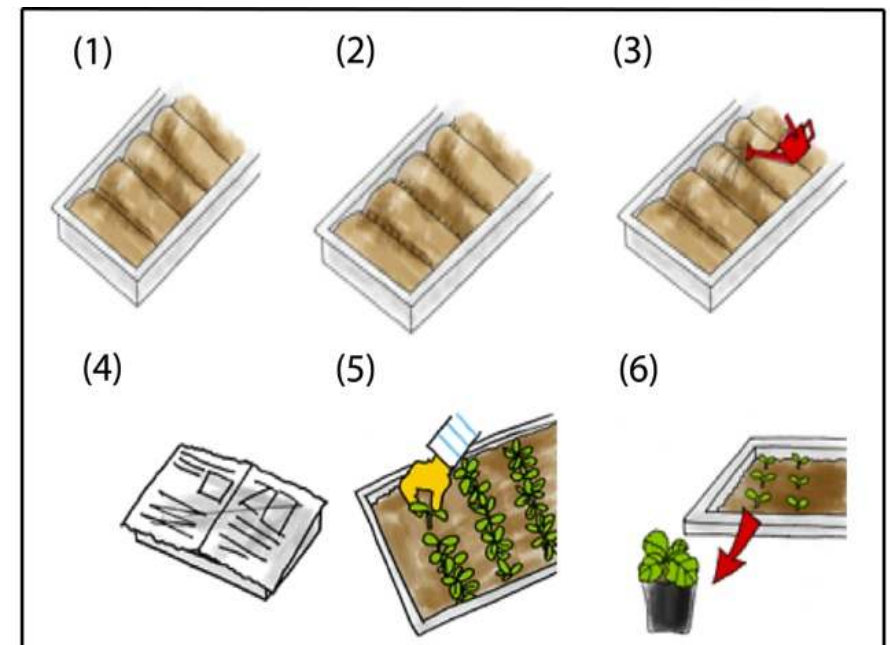
- Early season: sowing in late Jul. ~ early Aug., planting in late Aug. ~ Sep., harvesting in Nov., and Dec.;
- Main season: sowing in Sep. and Oct., planting in mid of Oct. until the end of Nov., harvesting in Jan. to Feb. of the next year;
- Late season: sowing in Nov., planting in mid of Dec., harvesting in Feb. to March of the next year.



3. Preparation of seedling:

Process is similar to that of broccoli with the following steps

- (1) Prepare 100cm x 60cm of sowing box or bed with sterilized soils by sunlight
- (2) Sow seeds with 2cm in distance and cover the box with newspapers or rice straws
- (3) Pour water well on seeds every day till seeds germinate
- (4) Remove newspapers or rice straws covered when sown
- (5) Remove small or weak seedlings
- (6) Transplant seedlings to pot or planting beds that have been prepared in accordance with the instruction below when the seedlings have 5-6 true leaves.



4. Preparation of ridge:

(1) Hoe, crush small and loose soils and then apply 100g of ash or lime per 1m² by spreading them on the soil surface 2 weeks before transplanting.

(2) Then, prepare a ridge with the width being 60~70cm in single row and 120~130cm in double row. Between the beds, make a drainage ditch with 25cm of width and 20 cm of depth.

(3) Basal fertilizer for 1m² needs 2kg of composted manure.

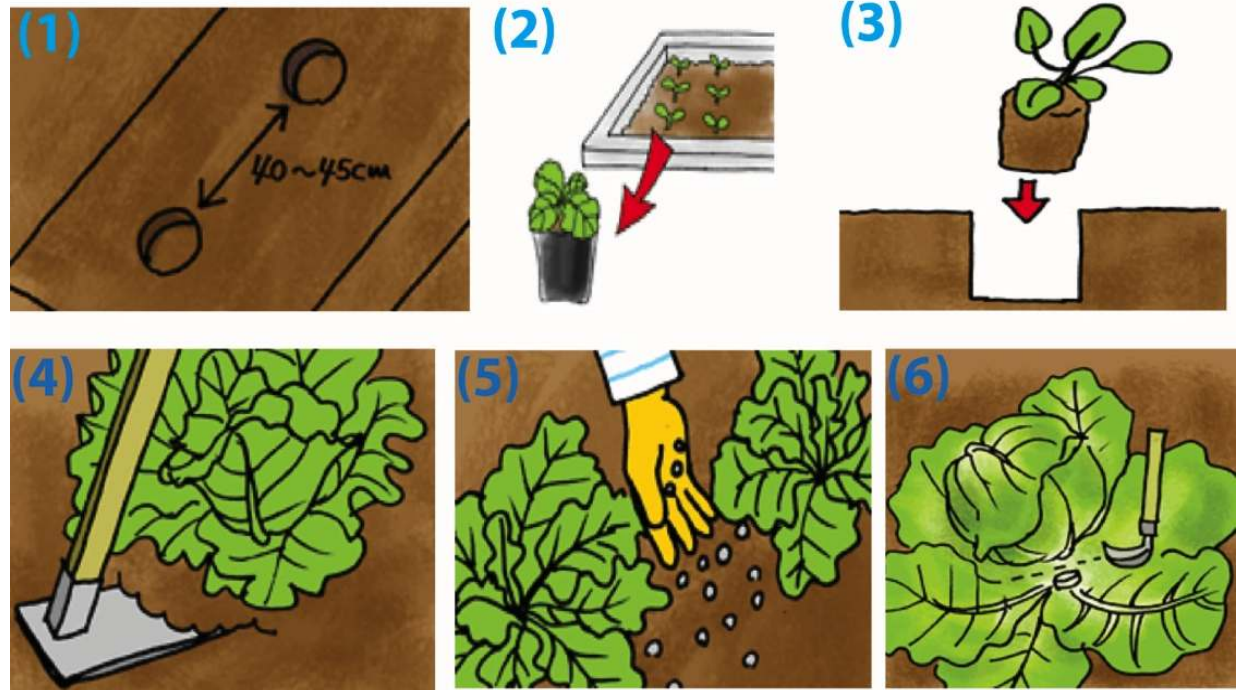
5. Transplanting of seedling to bed, Fertilizing and Tending:

(1) Distance among planting holes are 40~45cm

(2) Transplant seedlings to pot or (3) planting hole of ridge, when seedlings bear 5-6 true leaves.

(4) Earth up to the roots of cabbage, and (5) provide fertilizer for the cabbage 2 to 4 weeks after planting by making 2 lines in both sides of the plant row, putting the fertilizer into the lines and then recover with soil. Biogas liquefied fertilizer with dilution of 1:2~1:5 can be used for dressing.

(6) Harvest when the leaves are rolled tightly and fully developed.



Combine planting of cabbage on bed with companion plants such asgarlic, shallot, fennel, celery, basil and marigold to prevent pest attack.

Note: Stop fertlizing 10 to 15 days before havesting