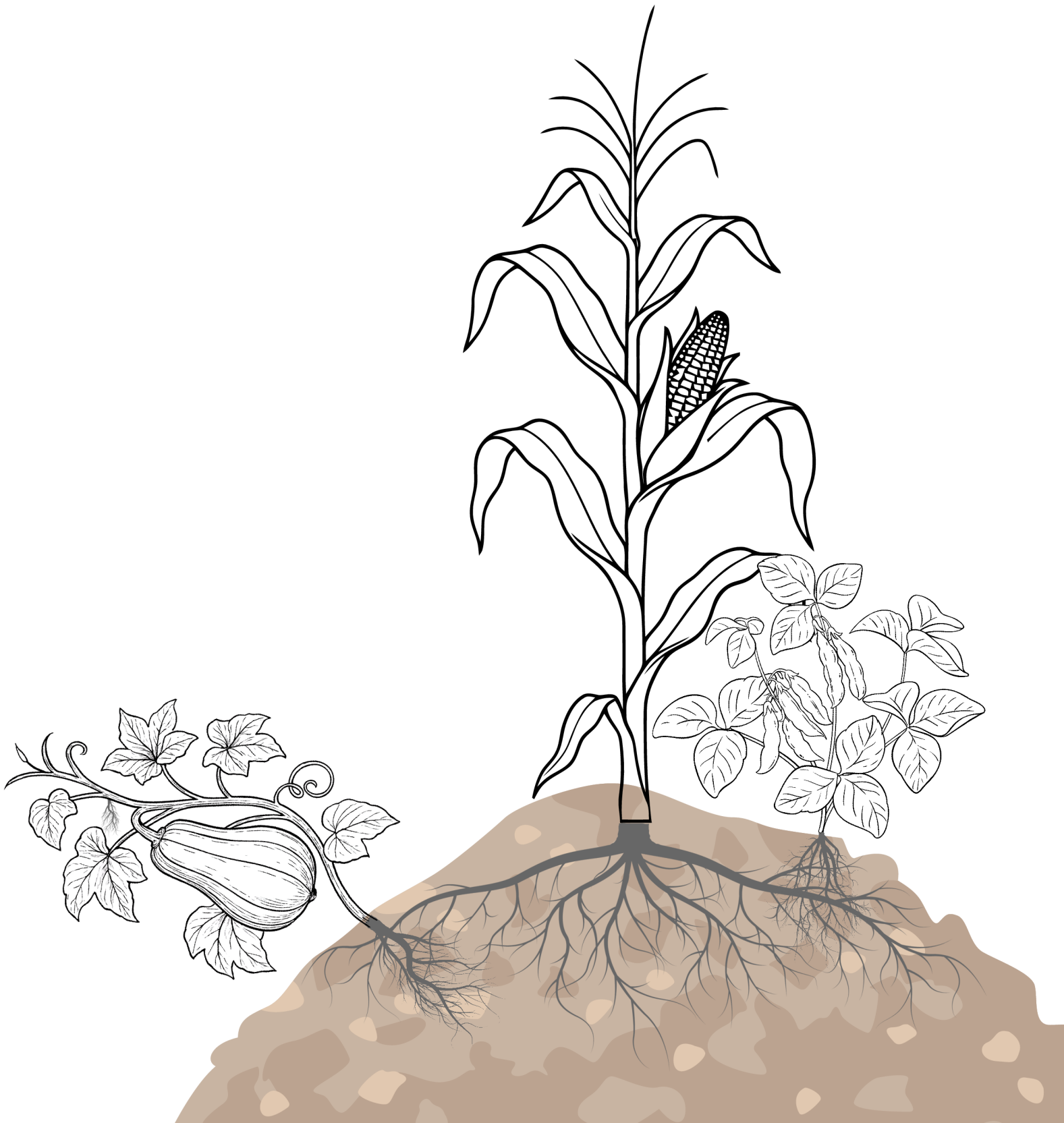


THREE SISTERS CO-PLANTING

A symbiotic relationship



THREE SISTERS CO-PLANTING

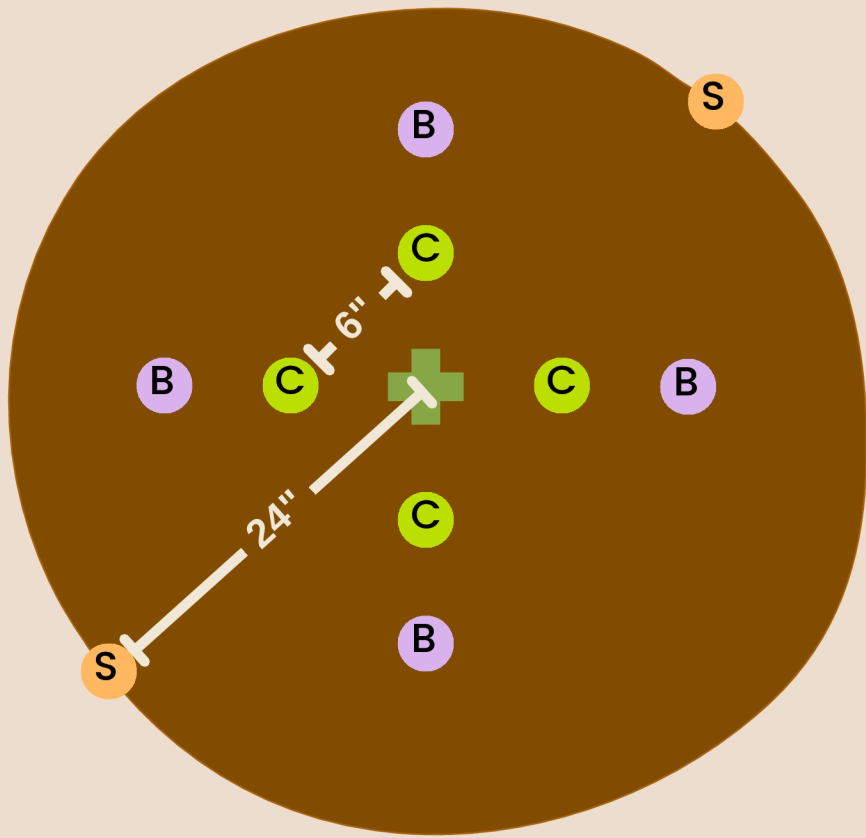
Mound formation and seed placement

C CORN

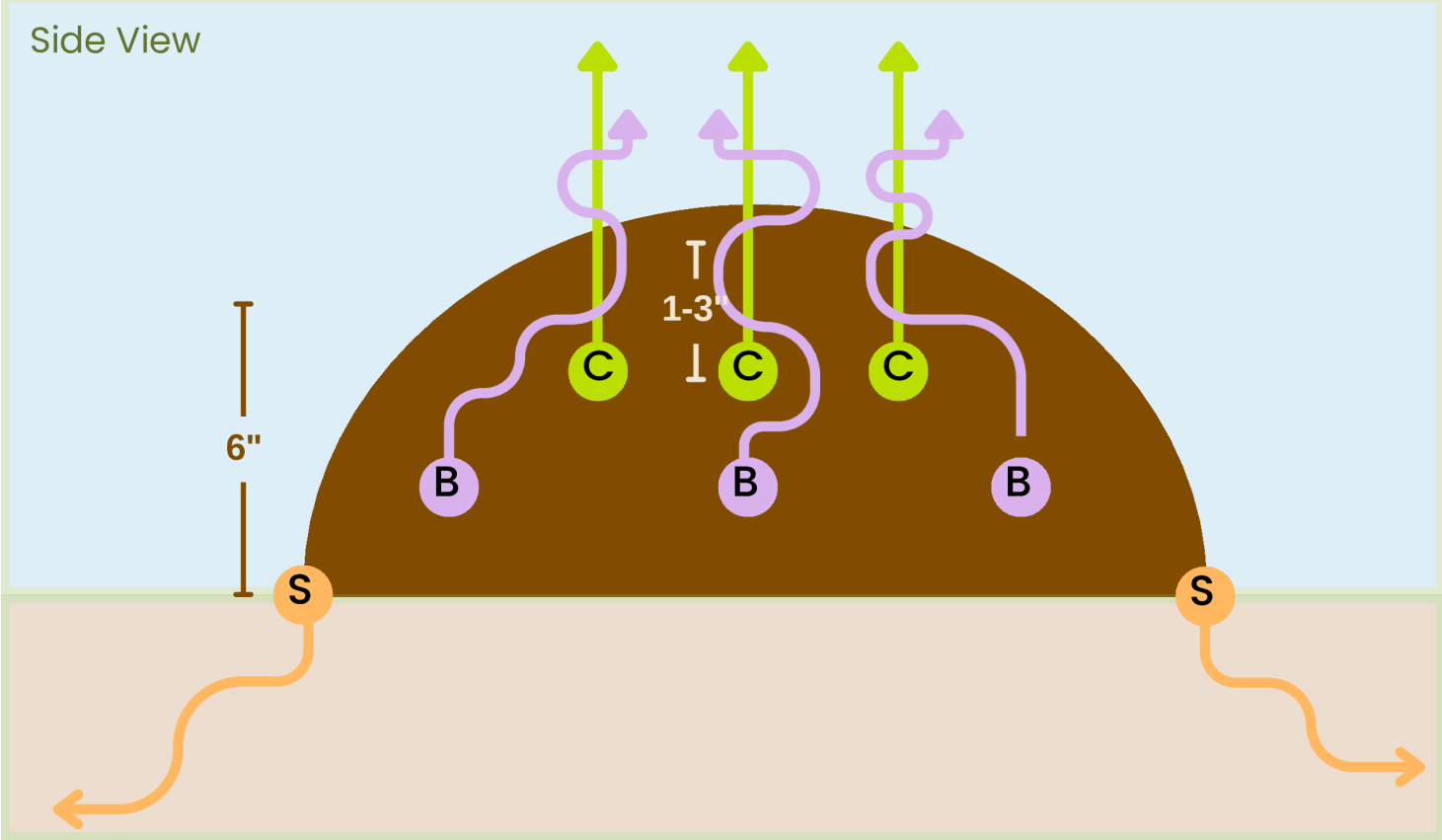
B BEANS

S SQUASH

Top View



Side View



THREE SISTERS CO-PLANTING

Mound soil approximately 4-6 inches high with a small well in the middle. Mound should be about 36 inches in diameter. Seeds can be started in succession or planted as seedlings.

In succession, as seeds:

- Plant the 4 corn seeds in the center, 6 inches apart and 1-3 inches deep.
- **When the corn is about 4 inches tall**, plant the 4 bean seeds halfway down the mound, at least 3 inches from the corn plant, 1 inch deep.
- **After the beans have emerged**, plant the 2 squash seeds at the base of the mound (at least 24 inches from the center) on opposite sides. As the vine grows, it must be trained outward so it does not crowd the corn and beans.

CORN

- Creates structure for beans to climb up
- Needs lots of nutrients in the soil

BEANS

- Feeds nutrients, like nitrogen in the soil
- Does best when it can climb

SQUASH

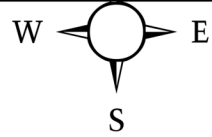
- Crawls along the ground
- Protects from pests and weeds, and helps keep moisture in the soil



*STREETS ARE NOTED TO MARK DIRECTION, AND DISTANCE IS NOT TO SCALE

Larpenteur Ave

N



LAYOUT OF THE PLOT

80'

48'

80 FT

HERBS

TOBACCO

SAGE

SUNFLOWERS

HERBS

TOBACCO

SAGE

SUNFLOWERS

Cleveland Ave

REASONING BEHIND SUGGESTED LAYOUT

For this layout, the grid for each mound would be 36" across, centered within a 72" square. This would allow about half of the plot to hold 48 mounds. Each mound can hold 4 corn, 4 beans and two squash. This leaves about 36" walkway between each mound. Mounds in orange squares could be omitted to allow additional clearance and to grow additional plants.

- Sunflowers are furthest east, by other plots, to allow for buffering from drifting pollen.
- Sage is next to the sunflower to provide additional buffer for Tobacco. Other wildflower can be planted along with the sage, such as wild bergamot.
- Sweetgrass can be grown down the central areas, as it does spread quickly, and it would help prevent mistakingly weeding it, thinking it was plain grass.
- Herbs are closest to the corn, beans and squash.as certain herbs can help with pest management.

THREE SISTERS CO-PLANTING

Notes

This image shows a single sheet of white paper with horizontal green ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.