



University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service

How To Grow: Cabbage, Broccoli and Cauliflower

**Amy Aldenderfer,
Hardin County Extension
Agent for Horticulture**

Assumptions

- **You have a garden spot in mind**
- **You have taken a soil test and will adjust the nutrients accordingly**

Where to Plant







Containers?



Yes!

When to Plant

Earliest:

Cabbage – March 25

Broccoli and Cauliflower – April 5

Latest:

Cabbage – July 15

Broccoli – Aug 1

Cauliflower – July 20



Starting Transplants

- **Start seeds about July 1**
- **5-7 weeks from transplanting**
- **Soil temp- 80° F**
- **4-6 days to germination**
- **Grow @ 65° F day temp**



How to Plant



Spacing

- **Broccoli**

14-18" in row, 30" between

- **Cabbage**

9-18" in row, 30" between

- **Cauliflower**

16-18" in row, 30" between



Yield per 100 ft. of row

- **Broccoli – 100 lbs.**
- **Cabbage – 150 lbs.**
- **Cauliflower – 100 lbs.**

How Much to Plant?

- **Broccoli**

- Fresh – 3-5 plants/person
- Preserve – 5-6 plants/person

- **Cabbage**

- Fresh – 3-4 plants/person
- Preserve – 5-10 plants/person

- **Cauliflower**

- Fresh – 3-4 plants/person
- Preserve – 8-12 plants/person

Weed Control



A close-up photograph of several green cabbage heads. The leaves are large, rounded, and have a prominent vein pattern. The color is a vibrant green, with some lighter and darker shades due to lighting. The text 'Varieties' is centered over the image in a bold, black, sans-serif font.

Varieties

Broccoli 'Packman'



Cabbage 'Flat Dutch'



Cabbage 'Bonnie's Hybrid'



Chinese Cabbage



Cauliflower 'White Cloud'





Watering

One inch of rain a week

Supplemental irrigation

- **Establishment period**
- **Head development**

Fertilization

- **Sidedressing:**

- **Three weeks after transplanting**

- **5 Tbsp. of ammonium nitrate (34-0-0)
per 10 ft./row**

A close-up photograph of several layers of green cabbage leaves. The leaves are a vibrant green color with prominent, lighter green veins. The texture of the leaves is visible, showing their waxy surface and the way they are tightly packed together. The word "Insects" is superimposed in the center of the image in a bold, black, sans-serif font.

Insects

Aphids



Cabbage Loopers



Cutworms



Diamondback Moths



Flea Beetles



Harlequin Bugs



Imported Cabbageworm



Root Maggots



Sowbugs



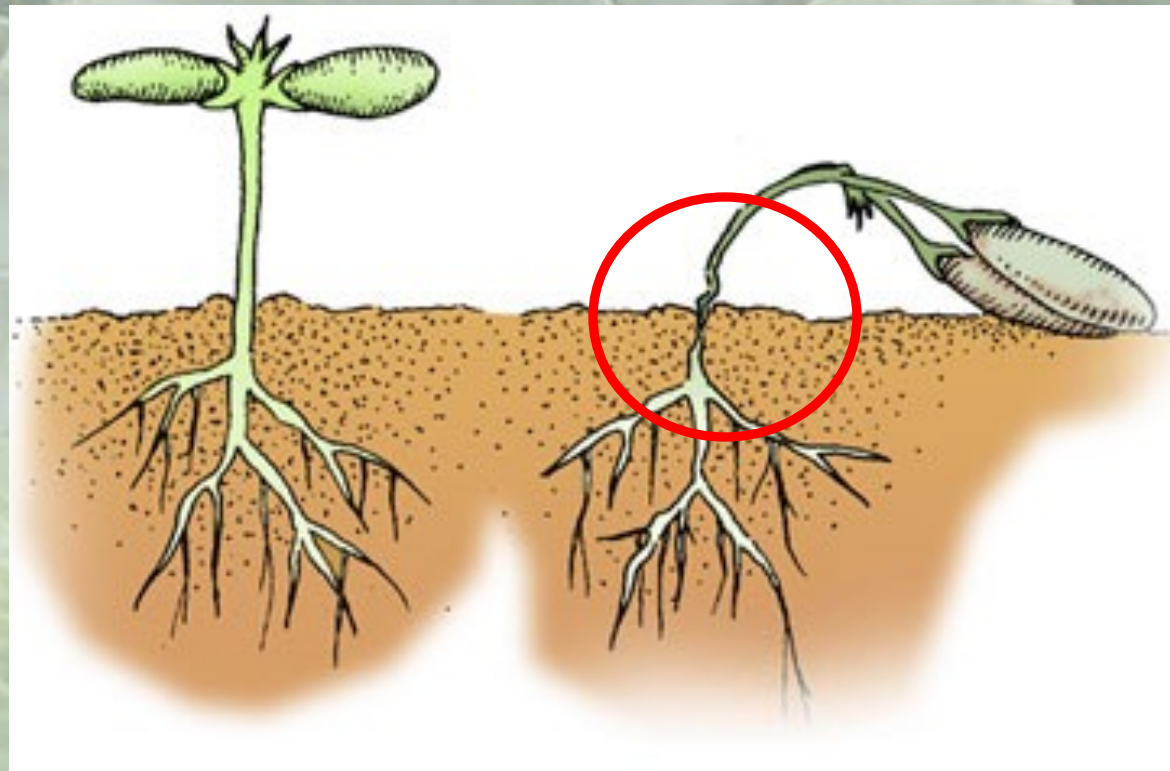
A close-up photograph of several layers of a cabbage head. The leaves are a pale, yellowish-green color with prominent, darker green veins. The texture of the leaves is visible, showing their waxy surface and the way they overlap. The lighting is soft, highlighting the natural curves and folds of the vegetable.

Diseases

Black Rot



Seed Rot/Damping Off



Harvest - Broccoli



Harvest - Broccoli



Harvest - Cabbage



Harvest - Cabbage



Harvest - Cauliflower

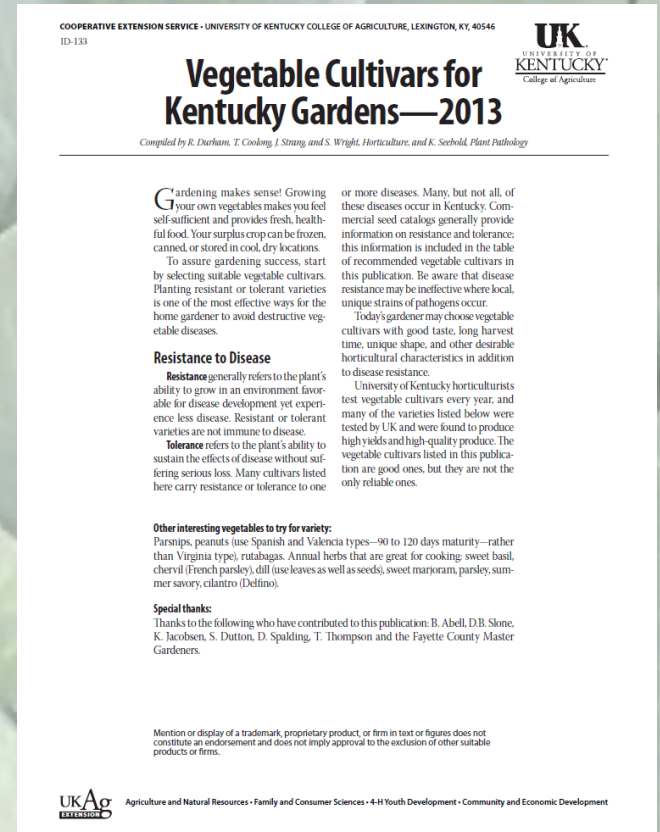
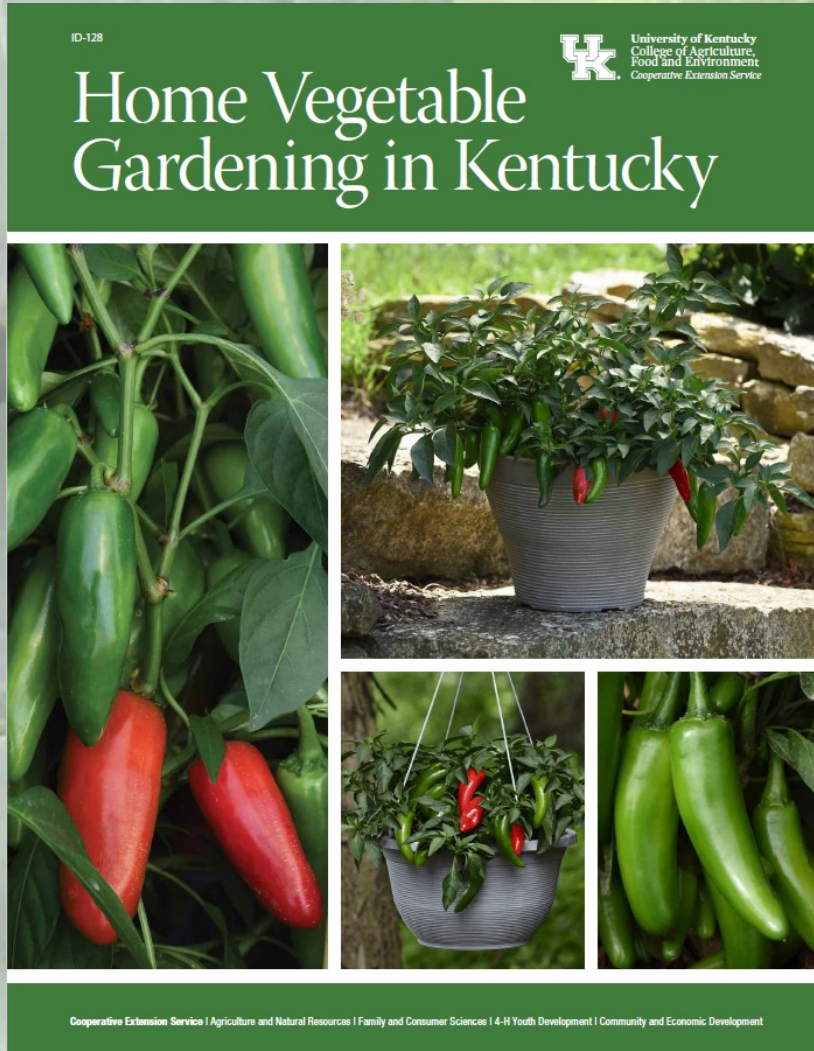




Storage



Resources



<http://www.ca.uky.edu/agc/pubs/id/id133/id133.pdf>

<http://www.ca.uky.edu/agc/pubs/id/id128/id128.pdf>



Questions?

Amy Aldenderfer

O: 270.765.4121

Amy.Aldenderfer@uky.edu