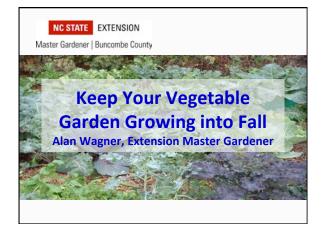
NC STATE EXTENSION Master Gardener | Buncombe County Welcome! KEEPING YOUR VEGETABLE GARDEN GROWING INTO FALL



with Alan Wagner

We will begin at 10 am.

Please take a minute to settle in and be sure to mute. Have Chat open and ready, we will use it for Q&A.





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Course Objectives

- Where to plant?
- How to extend the season?
- When to plant?
- What to plant?
- What about cover crops?





Soil Testing



Turn-around time in August is one week



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Thermal Collectors

- Bricks
- Concrete blocks
- Rocks or rock walls
- Jugs of water or small ponds



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Extending the Season

Floating Row Covers

- Trap heat, allow in sun and water
- Minimum survival 0-20°F



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Extending the Season

Low Tunnels / Hoop Tents

- Row cover material / plastic hoops
- Attention to venting





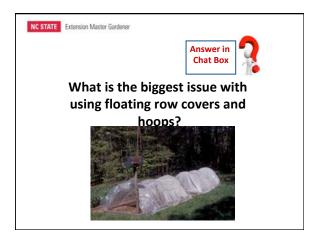
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Extending the Season

High-Tunnel Hoop House

- PVC or metal bows
- 2 layers of 6-mil greenhouse-grade polyethylene
- Ventilated by rolling up sides













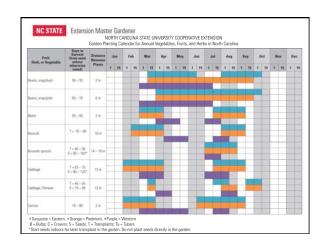


When to Plant

- Right time
- Soil temperature
- Days to maturity
- Count days to maturity and count backwards from first average frost

Fall first frost Oct. 25





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Planting Seeds

- Use for vegetables with fast germination
- Planting depth
 - Generally 3 X diameter of seed
 - Small seeds scatter and cover lightly
- Keep moist









Salad Greens – Semi-Hardy

- Grow from seed July Sept
- Head lettuce
 - Romaine – Butterhead

• Arugula

- Loose Leaf lettuce
- Mesclun mix



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Kale

- Curly leaf, flat leaf
- Winter hardy
- Seed August-September



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Broccoli

- Spring or fall
- Central head & side shoots
- Hardy
- Transplants July-August



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Cauliflower

- "The educated cabbage"
- Self-blanching
- Transplants July-August



NC STATE Extension Master Gardener **Root Vegetables – Beets** • Use for greens or roots • Very cold hardy • Seed July-August • Thin to 2-4" apart

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Root Vegetables – Turnips

- Greens or roots
- Seed July-September
- Thin to 3-6" for mature plants









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Garlic

- Plant in October-November
- Break bulbs apart into individual cloves
- Plant cloves 1 inch deep and 4 inches apart in rows
- Mulch for extra winter protection
- · Harvest the next spring/summer



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Garlic

- Best planted from cloves obtained from garden centers or mail order catalogs
- Hardneck varieties (German Extra Hardy, Chesnok Red, Music, Spanish Roja)
 - Recommended for NC
- Softneck varieties (California Early, many Italian cultivars, NY White Neck)
 — Recommended for NC



Cover Crops

Crops that form a living mulch

- Reduce erosion
- Provide organic matter to the soil
- Green manure when turned into the soil

Benefits of cover crops

- Increased biomass
- Nitrogen fixation by legumes
- Many produce flowers for pollinators







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✓ Fall gardens require planning for success

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✓ There is a sense of urgency in fall gardening

Takeaways

 $\checkmark\,$ Frost protection required for almost all plants



NC STATE Extension Master Gardener References • http://content.ces.ncsu.edu/home-vegetable-gardening-a-guick-reference-guide • https://extensiongardener.ces.ncsu.edu/wp-content/uploads/2016/07/NC-Vegetable-Planting-Guide-1.pdf?fwd=no

- <u>https://content.ces.ncsu.edu/western-north-Carolina-plantingcalendar-for-annual-vegetables-fruits-and-herbs</u>
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References

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- https://chatham.ces.ncsu.edu/2015/08/plant-a-fall-garden/
- https://content.ces.ncsu.edu/extension-gardener-handbook/ appendix-e-season-extenders-and-greenhouses
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Help or Questions?

Garden Helpline 828-250-4878 buncombemg@gmail.com

Mon & Wed 10 am to 2 pm Friday 10 am to noon

