



Natural Control of Oklahoma Garden Pests – July 30, 2020 Online Class Outline with Resource Links

Today's Topics

1. Steps to a fall garden
2. Cool vs. warm season crops
3. Timing and planting tips
4. How to keep on growing right through the Winter

Why Garden in the Fall

- Oklahoma's climate fosters two long growing seasons
 - We are frost free from April 15 – Nov 1
 - We have a warm season and a cool season for growing food.
 - Oklahoma warm season is extreme. Oklahoma cool season is mild, offering benefits such as:
 - Warm days and cooler nights foster good pollination/ better fruiting.
 - Pests are less voracious in Fall/Winter than in early Spring/Summer.
 - Fall weather is more stable and pleasant
 - Winter gardening with season extension techniques can be productive.
 - Early fall offers a milder window for warm season crops that struggled earlier in the heat.
 - OSU Extension article on Fall Gardening:
<http://pods.dasnr.okstate.edu/docushare/dsweb/Get/Document-1114/HLA-6009web2016.pdf>

Steps to a Fall Garden

- Do a summer clean up in the garden. Assess how much space you can spare.
- Average first frost date for Central Oklahoma is **November 1**. From July 30, we have close to 90 days to grow warm season crops before our first frost.
- Fall gardening options:
 - Plant warm season crops that will have time to mature before November 1.
 - Plant cool season crops which will survive and thrive past November 1.
 - If planning cool season crops, plan ahead for season extension.

Cool vs. Warm Season Crops

- See info about our climate and growing seasons here. Learn which crops like cool vs. warm weather.
https://www.okcbeautiful.com/sites/okcbeautiful2/uploads/documents/Seasonality_Info_for_Gardening_101_Class.pdf
- The Oklahoma Fall gardening season begins in late July and extends into March. See the timeline for cool season planning here:
https://www.okcbeautiful.com/sites/okcbeautiful2/uploads/documents/Central_OK_Garden_Planning_Guide_Cool_Season.pdf
- Become familiar with best dates to plant, grow and harvest your crops:
https://www.okcbeautiful.com/sites/okcbeautiful2/uploads/documents/Approximate_Planting_Dates_for_Central_OK.pdf
 - Look at Fall Warm Season
 - Look at Fall Cool Season
- OSU Extension Service Guide: <https://extension.okstate.edu/fact-sheets/oklahoma-garden-planning-guide.html>
- Choose your desired fall garden crops.

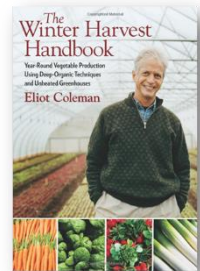
Timing and Planting Tips

- Plant by Mid-August
 - Edamame
- Plant by End of August
 - Parsnip
 - Cilantro
 - Green Bean
 - Pea
- Plant by Early September
 - Summer Squash
- Beets
- Carrots
- Plant by Mid-September
 - Greens
 - Cauliflower
- Plant by Late September
 - Head Lettuce
 - Spinach
 - Broccoli
- Plant by Mid-October
 - Salad Mix
- Plant by Late October
 - Mustard Greens
- Plant Mid October – Mid November
 - Garlic
- Plant indoors over the winter
 - Onions

Growing on Through the Winter

Protecting tender crops

- Consider row fabric, low tunnels, cold frames
 - Video about row covers/row fabric: <https://youtu.be/Paoe4qK0Vog>
 - Good quality row fabric: <https://www.johnnyseeds.com/tools-supplies/row-covers-and-accessories/frost-protection/agribon/agribon%2B-ag-19-83%22-x-50-row-cover-9029.html>
- Read Elliott Coleman's The Winter Harvest Handbook
- Read The Year-Round Gardener by Niki Jabbour
 - Video on constructing low tunnels by Oklahoma Gardening: <https://youtu.be/Paoe4qK0Vog> (I think their tunnels are a bit large and wind-prone) and I recommend constructing tunnels in October.
- Video on venting Low tunnels by Oklahoma Gardening: <https://youtu.be/EecDuJB0WYE>
- Low Tunnel Tips
 - Use Elliott Coleman caterpillar technique for Oklahoma wind.
 - Alternatively use heavy mil. plastic and heavy bricks.
- Fall and Winter pests are aphids and caterpillars.
 - Bt aka Dipel Dust. Comes in liquid form as well.
 - Safer Soap



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OKC Harvest is the school garden support program of OKC Beautiful which enables students to experience hands-on learning through the transformative experience of planting, growing, and eating healthy food from their own school gardens. The garden-as-outdoor-classroom provides interdisciplinary learning that has far-reaching impacts on students' physical, mental and emotional wellness. Through school gardens we are nurturing the next generation of environmental stewards who will be involved and active in helping to make Oklahoma City a beautiful, safe and healthy place to live.

