

Organic Gardening Course – SARE High School Teachers Academy



This material is based upon work that is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture, under award number 2019-38640-29879 through the North Central Region SARE program under project number ENC19-175. USDA is an equal opportunity employer and service provider. Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture



Summary of activities/calendar

Learning Plan 1

Topic: Introduction **Date:** LP opens June 5th

Have Read: Coleman Chapters 1-3

Review:

- ✓ All Materials in the LP folder: 1) Family tree overview, 2) 2021 families, 3) a) Organic Principles, b) Comparison Organic Synthetic Worksheet, c) New Roads
- ✓ Family of the week: Brassicas
- ✓ Weed of the week: Yellow rocket
- ✓ Pest of the week: imported cabbage looper, army worms

Do: Quizzes found in LP

Read ahead for next week's discussion: Coleman chapter 8

Learning Plan 2

Topic: a) Planning & observation; b) seed starting **Date:** LP opens June 7th, after live class

Have Read for this week's discussion: a) Coleman Chapter 8 (Planning & Observation),
b) Coleman Chapter 17 (Soil Blocks)
c) Optional: Chapter 15 (Direct Seeding), 16 (Transplanting), 18 (Setting Out Transplants)

Review:

- ✓ All Materials in the LP folder; 1) Writing an SOP, 2)
- ✓ Families of the week: Alliums & Poa
- ✓ Weeds of the week: quack grass, thistles
- ✓ Pest of the week: onion fly maggots, thrips, grubs, Japanese beetles

Do: Quizzes on Alliums & Poa, Weeds

Attend: June 14th Live, via WEBX 5:00-6:00 **Topic:** planting plans, seed starting

Read for next week's discussion: Coleman chapter 24 (Season Extension); optional chpt 25 (moveable feast) chpt 26 (Winter Harvest Project)

Learning Plan 3

Topic: a) Greenhouse Management; **Date:** LP opens June 14th, after live class

Have Read for this week's discussion: a) chapter 24 (Season Extension); optional chpt 25 (moveable feast) chpt 26 (Winter Harvest Project)

Review:

- ✓ All Materials in the LP folder;
- ✓ Families of the week: Faba (legumes)
- ✓ Weeds of the week: bindweed, thistles
- ✓ Pest of the week: aphids

Do: Quizzes on Fabas, Weed quiz

Attend: June 21th Live, via WEBX 5:00-6:00 **Topic:** greenhouse management

Read ahead for next week's discussion: Coleman chapter 19 (Weeds)

Learning Plan 4

Topic: a) Weed management **Date:** LP opens June 21st, after live class

Have Read for this week's discussion: Chapter Coleman chapter 19 (Weeds)

Review:

- ✓ All Materials in the LP folder;
- ✓ Families of the week: Cucurbitaceae (melons & squash)
- ✓ Weeds of the week: curly dock, wild cucumber
- ✓ Pest of the week: squash vine borer, cucumber beetle, squash bug

Do: Quizzes on cucurbits, insect Pests

Attend: June 28th Live, via WEBX 5:00-6:00 **Topic:** weed management

Read ahead for next week's discussion: Coleman chapter 20 (Pests?) chapter 21 (Pests: temporary palliatives)

Learning Plan 5

Topic: a) Pest management **Date:** LP opens June 28th , after live class

Have Read for this week's discussion: Chapter 20 (Pests?), chapter 21 (Pests: temporary palliatives)

Review:

- ✓ All Materials in the LP folder;
- ✓ Families of the week: Solanaceae (tomatoes, peppers, potatoes)
- ✓ Weeds of the week: eastern black nightshade, common ragweed
- ✓ Pest of the week: Colorado potato beetle

Do: Quizzes on Solanaceae, insect Pests

Attend: July 5th Live, via WEBX 5:00-6:00 **Topic:** pest management

Read ahead for next week's discussion: Coleman Chapter 5 (Scale & Capital), chapter 6 (labor)

Learning Plan 6

Topic: a) Best practices for success **Date:** LP opens July 5th, after live class

Have Read for this week's discussion: Chapter 5 (Scale & Capital), chapter 6 (labor) Chapter 9 (Crop rotations)

Review:

- ✓ All Materials in the LP folder;
- ✓ Families of the week: Amaranth
- ✓ Weeds of the week: Lambs Quarter, pigweed, smartweed
- ✓ Pest of the week: leaf miners

Do: Quizzes on amaranths, insect Pests

Attend: July 12th Live, via WEBX 5:00-6:00 **Topic:** best practices in the garden

Learning Plan 7

Topic: a) Harvest & Storage **Date:** LP opens July 12th, after live class

Have Read for this week's discussion: Chapter 22 (Harvest)

Review:

- ✓ All Materials in the LP folder;
- ✓ Families of the week: Apiaceae & Asteraceae
- ✓ Weeds of the week: Queen Anne's Lace, Wild Parsnip, Burdock
- ✓ Pest of the week: flea beetles, root maggots, slugs

Do: Quizzes on Apiaceae, Asteraceae, Weeds

Attend: July 19th Live, via WEBX 5:00-6:00 **Topic:** harvest & storage

Read ahead for next week's discussion: NONE.....

Learning Plan 8

Topic: wrap it up **Date:** LP opens July 12th, after live class with exams available at that time

Have Read for this week's discussion: none

Review:

- ✓ All Materials in the LP folder;
- ✓ Families of the week
- ✓ Weeds of the week
- ✓ Pest of the week

Do: Exams on 1) General knowledge, 2) Plant families, 3) weeds, 4) pests

Exams are due by July 31st at midnight.