

Epipactus helleborine



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What is a weed?

- A weed is a plant that interferes at some place or time with values and activities of people.
- A plant is judged a weed by its abundance, not its mere occurrence, and by its aggressiveness.

2

Hairy Bittercress



3



Garlic
Mustard

4



Purple
Dead-nettle

Creeping
Charlie

5



Common Chickweed

6

Mouse-eared
Chickweed



7

Thyme-leaved
Speedwell



8

Corn Speedwell



9



Purslane Speedwell

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Integrated Pest Management

- Preventive
- Physical
- Cultural
- Biological
- Chemical
- Psychological

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Pre-emergents



- *deteriorate in sun
- *must be watered in
- *may lose efficacy in 2 days

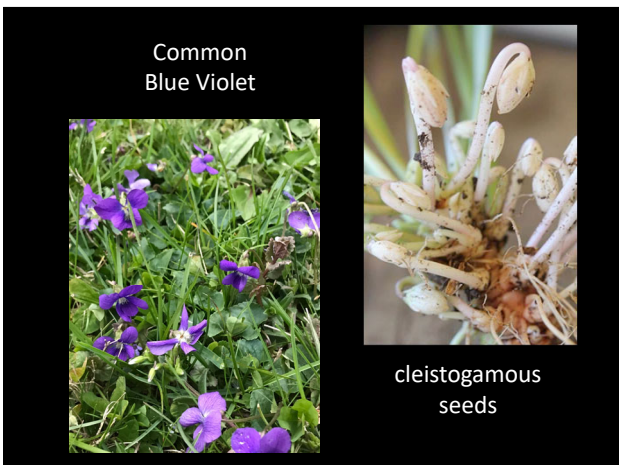
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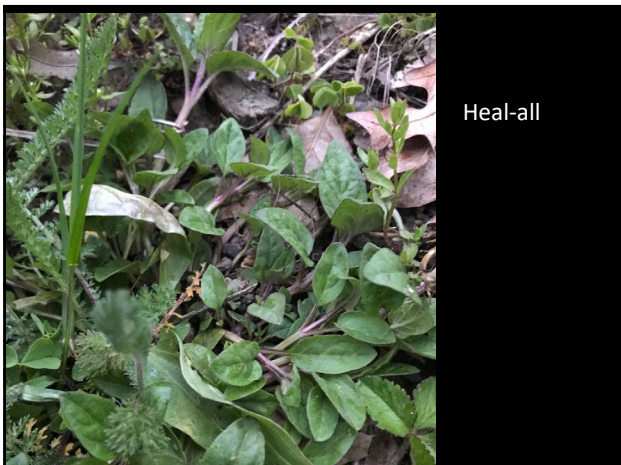
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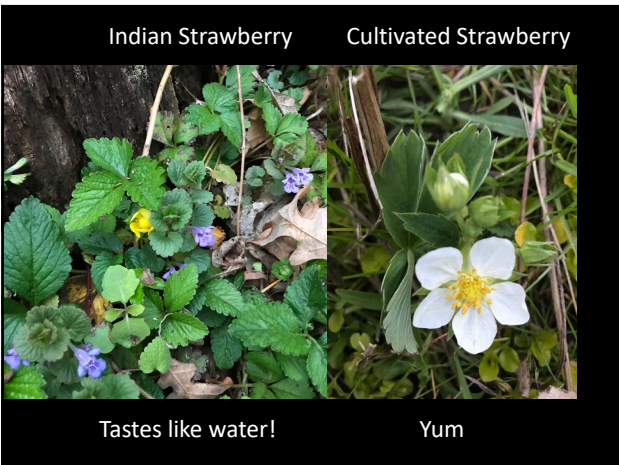
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21



Common
Fleabane

22



Common Groundsel

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Soft
Rush

24

Nimblewill



25

Annual
Bluegrass



26

Annual Bluegrass



27



Crabgrass

28



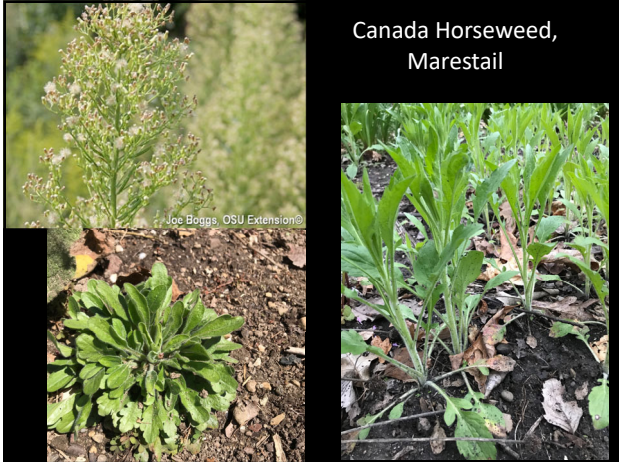
White
Avens

29



Annual
Sowthistle

30



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Organics

- Herbicidal Soaps
- Corn Gluten Meal
- Fatty Acids
- Essential Oils
- Vinegar

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Other

- Boron: 8oz borax in 4 oz of warm water added to 2.5 gal water, spray. Do NOT repeat. Creeping Charlie is sensitive to boron.
- Iron: Fiesta = 4.43% iron chelate, tank mixed, applied at about 60 degrees (can harm grass at warmer temps) can kill within 2 days. Limit 2 applications/year

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Post-emergent, Selective

Selective

2,4-D: broad lvd
dicamba: broad lvd
MCPP: broad lvd
MSMA, DMSA:
grasses
(monosodium methyl
arsenate)

Nonselective

glyphosate:
everything it
touches

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