

# Invasive Weed Identification Guide - Palmer Amaranth and Waterhemp

## Palmer amaranth

*Amaranthus palmeri* S. Watson

### Key Descriptors:

- Elongated seed head - up to 24" long
- Non-wavy, diamond-shaped leaves
- Petioles longer than leaf blades
- Smooth stem - thinner than Redroot pigweed
- Poinsettia-like leaf whorl
- Single plants can be more branched whereas monocultures tend to be single shoots
- Documented resistance to HRAC Groups 2, 3, 4, 5, 6, 9, 10, 14, 15, 27



Please report sightings to:

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## Waterhemp

*Amaranthus tuberculatus* (Moq.) Sauer

### Key Descriptors:

- Elongated seed head - 6-8" long
- Smooth, shiny oblong (oval-shaped) to lanceolate (narrow/boat-shaped) leaves
- Upper leaves thinner and more lanceolate than lower leaves
- Smooth stem - similar to Palmer amaranth
- Tend to be more branched overall than Palmer amaranth
- Documented resistance to HRAC Groups 2, 4, 5, 9, 14, 15, 27



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