

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, 9, 10, 14, 15, 27



Please report sightings to:

ID: Dr. Albert Adjesiwor, University of Idaho; 208.490.3623; aadjesiwor@uidaho.edu

OR: Dr. Joel Felix, Oregon State University; 208.739.2675; joel.felix@oregonstate.edu

ID/OR: Clarke Alder, Amalgamated Sugar; 208.989.7400; calder@amalsugar.com

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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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