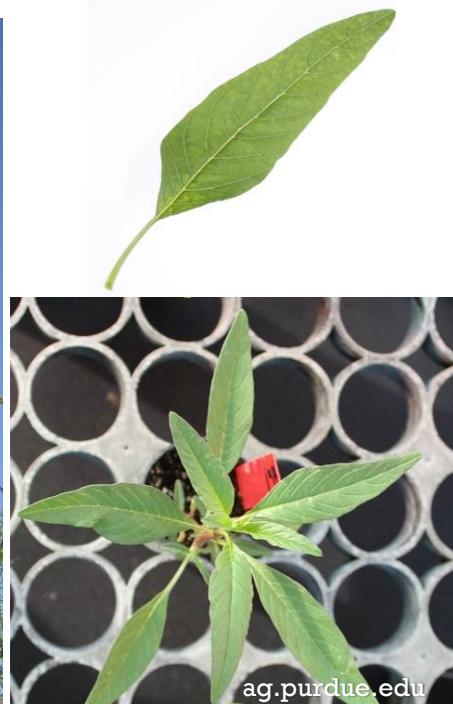


# 2017 Weed Identification Series



## Tall/Common Waterhemp

**Annual broadleaf** that germinates April – August. Commonly found in agronomic and horticultural crops as well as highly disturbed areas.

**Leaves:** Lance or spearhead shaped, 3-6 in long, alternate on the stem. *Petiole is shorter than the length of the leaf blade.*

**Stem:** Typically, 4-5 ft tall, but can grow > 10 ft. *Lacks hair on the stem.*

**Flowers:** Many small green flowers form an inflorescence in July-September. While the terminal inflorescence can be > 1 ft long, *many wiry lateral branches occur throughout the inflorescence.* Male and female flowers found on separate plants, and can on occasion turn pink to red as they mature.

**Similar Plants:** This plant is often confused with other common pigweeds, especially Palmer and spiny amaranth which also lack hairs on the stem. Palmer amaranth petioles are longer than its leaf blades. Spiny amaranth has distinct spines below leaves. For more information, visit the Report a Pigweed [website](#).

### **Herbicide Resistance:**

In Wisconsin resistance to glyphosate has been confirmed in 16 counties and resistance to both glyphosate and PPO-inhibitors in one county. It is believed that many populations are also resistant to ALS herbicides but few have been tested. In nearby states much higher levels of resistance to these and other herbicide modes of actions have been detected. Nearby states have waterhemp populations resistant to five different herbicide modes of action.