

PALMER AMARANTH

Amaranthus palmeri



Missouri State University

Mature Height	7 plus feet	Soil Type	Most crop soils
Mature Spread		Flower Color	Green
Mature Form	Tall & Branching	Foliage Color	Green to yellowish
Growth Rate	Very Rapid		
Sun Exposure	Prefers full sun		
Soil Moisture	Typical crop soil moisture		

Palmer amaranth is a native to the southwestern deserts of the US and has invaded Indiana in the last few years. Palmer amaranth is a green, flowering plant that has caused widespread damage in cotton production in southern states. Most populations are glyphosate-resistant, and the weed thrives in summer heat and can reach heights greater than 7 feet. It is a rapidly growing member (as much as 2 1/2 inches per day) of the Pigweed family. It closely resembles other pigweed species, but no other pigweed has flower and seed panicles over 1 and 1/2 feet in length. Male and female plants grow close together with the male plant having a soft panicle to the touch while the female panicles are bristly to the touch. Extreme caution should be taken in the possible movement of seed by combines and other harvesting equipment.



Hoosier Ag Today



University of Georgia



This fact sheet was developed by the West Central Indiana Cooperative Weed Management Area (CWMA) with funding by the Nina Mason Pulliam Charitable Trust. The CWMA consists of 27 western and central Indiana counties and strives to help land users identify and control invasive terrestrial plants through workshops, field days and other educational activities.

