

Pest Profile



Photo credit: [Joseph Berger](#), Bugwood.org

Common Name: Carolina grasshopper

Synonyms: Carolina locust, Black-winged grasshopper, road duster, quaker

Scientific Name: *Dissosteira carolina*

Order and Family: Orthoptera: Acrididae

Size and Appearance:

	Length (mm)	Appearance
Egg		Eggs overwinter in soil.
Larva/Nymph		Nymphs look like small adults, gaining wingpads in later nymphal stages.
Adult	32 – 58mm length Wingspan, males: 75mm Wingspan, females: 80 – 102mm	Color varies from brown to tan to grey and the tegmina (leathery wings) typically match the color of the body. Hind wings are brownish-black with pale yellow border and they have a pronounced crest (collar behind the head) with a single notch.
Pupa (if applicable)		

Type of feeder (Chewing, sucking, etc.): Chewing

Host plant/s: Primarily rangeland grasses and weeds. Nymphs usually feed on grasses and weeds but when food sources are limited, they will also feed on wheat, tobacco, alfalfa and barley.

Description of Damage (larvae and adults): Nymphs and adult Carolina grasshoppers will eat a plant from the tip to the base, leaving only a small stub.

References:

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