



Podisus maculiventris

Target pests

- Colorado potato beetle
- Cabbage looper
- Diamondback moth
- European corn borer
- Corn earworm
- Western bean cutworm
- Flea beetles

Target crops

- Apples
- Asparagus
- Beans
- Cole crops
- Eggplant
- Potatoes
- Tomatoes
- Sweet corn
- Onions

Podisus maculiventris (Hemiptera: Pentatomidae), also known as the spined soldier bug, is a native predatory stink bug widely distributed across North America.

Adults are shield-shaped, brown to dark brown in color, measuring about 12–18 mm in length, and possess piercing-sucking mouthparts and robust, spiny legs for capturing prey.

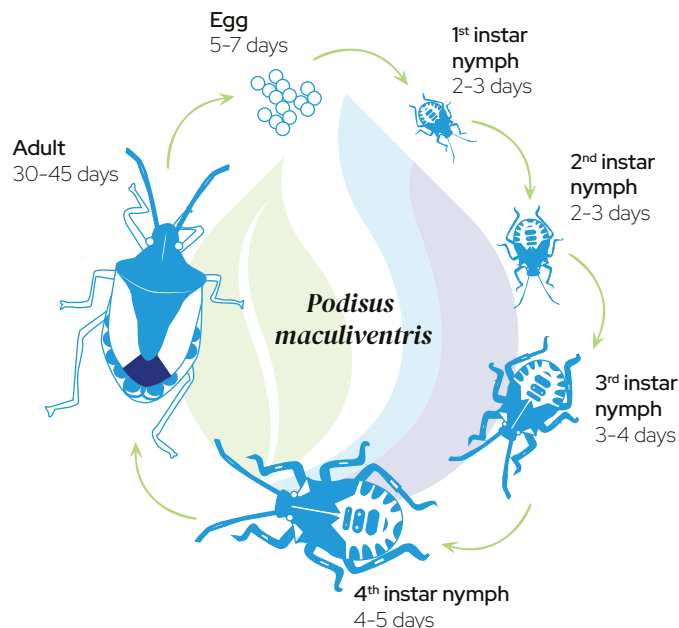
Both nymphs and adults are generalist predators, feeding primarily on caterpillars and beetle larvae, including major pests such as the Colorado potato beetle.

Life cycle

- **Life cycle:** typically lasts 28–38 days, depending on conditions.
- **Optimal condition:** 20–30°C, humidity from 50–70%.
- **Diapause:** Adults and late nymphs will enter diapause when temperatures drop below 15 °C and day length is less than 13–14 hours.
- **Reproduction:** Resumes in spring after diapause. Adults lay eggs in clusters on the undersides of leaves, usually near prey colonies. Eggs are barrel-shaped, pale green, and turn yellowish before hatching.

Introduction rate

Introduction	Quantity	Frequency	Duration
Preventive	1–2 individuals/m ²	1–2 weeks	Until control
Curative	5–10 individuals/m ²	1–2 weeks	Until control



Application

It is recommended to apply them in the late afternoon, when the temperature is cooler and the insects are less active.

Distribute directly into the infested plants.

Important! Ensure that the pest insects are present in the crops before application.

Storage

- Use upon receipt.
- If needed, keep for a maximum of 7 days at 8–12°C.
- Do not refrigerate or freeze.