

Crownvetch

From: Miller, James H. and Steve T. Manning. [working title] An Expanded Nonnative Invasive Plants of Southern Forests: A Field Guide for Identification and Control. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. DRAFT - August 2008

Crownvetch *Securigera varia* (*Coronilla varia*) is a deciduous, perennial forb sprawling to form tangled mats to 3 ft (92 cm) high or scrambling over rocks, shrubs, and small trees. One plant can cover 15 sq. ft (1.5 sq. meters) or more in a year from underground stems (rhizomes) with taproots. Forms brown, “earth hugging” patches in winter that resprout quickly in spring or remain green in southern areas. Seeds can germinate immediately after release or remain viable in the soil for several years.

Recommended control procedures:

- Thoroughly wet all leaves with a glyphosate product or Garlon 3A as a 1 to 2-percent solution (4 to 8 ounces per 3-gallon mix) in water with a surfactant during the vegetative stage prior to branching or during flowering.
- Apply Transline as a 0.5-percent solution (2 ounces per 3-gallon mix) or apply Arsenal AC* as a 0.5 percent solution (2 ounces per 3-gallon mix) or or apply Arsenal Powerline* as a 1-percent solution (4 ounces per 3-gallon mix) in fall, before frost or leaf drop.

* Nontarget plants may be killed or injured by root uptake