

Best Management Farming Practices for Water Quality Protection

Integrated Pest Management (595) Fact Sheet

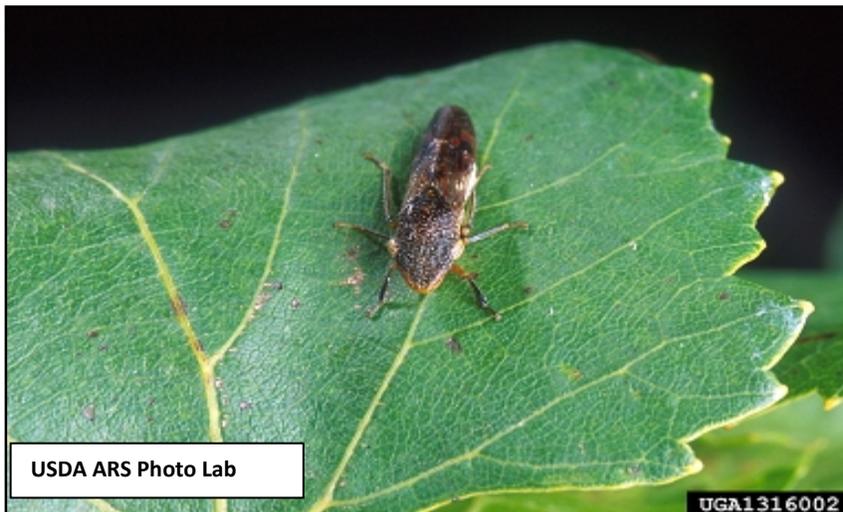
BMP: Reduce pesticide movement with water and eroding soil

NRCS Practice Standard: Integrated Pest Management 595

IPM is the management of agricultural pests, including weeds, insects, rodents and diseases, considering both the needs of the crop as well as the surrounding aquatic and terrestrial environment. IPM will be carried out by consulting and following UC IPM Pest Management Guidelines for crop-specific assessment techniques.

<http://www.ipm.ucdavis.edu/> Pesticides shall be applied at lowest effective labeled rate possible.

<http://www.wcc.nrcs.usda.gov/pestmgt/winpst.html>



Integrated Pest Management (NRCS Conservation Practice Code 595)

Definition: A site-specific combination of pest prevention, pest avoidance, pest monitoring, and pest suppression strategies.

Purposes:

- Prevent or mitigate off-site pesticide risks to water quality from leaching, solution runoff and adsorbed runoff losses.
- Prevent or mitigate off-site pesticide risks to soil, water, air, plants, animals and humans from drift and volatilization.
- Prevent or mitigate on-site pesticide risks to pollinators and other beneficial species through direct contact.
- Prevent or mitigate cultural, mechanical and biological pest suppression risks to soil, water, air, plants, animals and humans.

CONSIDER THIS:

Scout blocks regularly.

Maintain detailed records.

Use good sanitation practices.

Remove alternate hosts plants.

Control dust.

Use plant varieties and rootstock resistant to phylloxera and nematodes when planting and replanting.

Base pesticide application decisions on scouting data, pest thresholds and/or risk assessment models.

Select pesticides for lower risk of runoff or leaching based on site conditions, pesticide label warnings or transport models.

Apply at lowest effective labeled rate.

For more information contact your local NRCS office or visit our website at <http://efotg.sc.egov.usda.gov/treemenuFS.aspx>