



Resistance Management Study Resources

Fungicide Resistance Action Committee (FRAC), <http://www.frac.info/>

Insecticide Resistance Action Committee (IRAC), <http://www.illac-online.org/>

Herbicide Resistance Action Committee (HRAC), <http://www.hracglobal.com/>

Weed Science Society of America (WSSA), <https://wssa.net/projects/herbicide-resistance/>

The Pesticide Environmental Stewardship (PES) Website/Center for Integrated Pest Management

Introduction to pesticide resistance, <https://pesticidestewardship.org/resistance/>

Plant Management Network

Soybean Fungicide Resistance Hub,
<http://www.plantmanagementnetwork.org/hub/soyfungicideresistance/>

State of California

Knowledge expectations for California pest control advisors: Integrated pest management,
<https://www.cdpr.ca.gov/wp-content/uploads/2025/03/ipm.pdf>

USEPA

EPA guidance on managing pesticide resistance,
<https://www.epa.gov/sites/production/files/2017-10/documents/session-5-resistance-management-prns.pdf>

Pesticide registration notice (PRN) 2017-1 and 2017-2,
<https://www.epa.gov/sites/production/files/2017-09/documents/prn-2017-1-pesticide-resistance-management-labeling.pdf>; <https://www.epa.gov/sites/production/files/2017-09/documents/prn-2017-2-herbicide-resistance-management.pdf>

Slowing and combating pest resistance to pesticides, <https://www.epa.gov/pesticide-registration/slowing-and-combating-pest-resistance-pesticides>

Clemson University

Information and links to insecticide resistance resources—Extension publication,
<https://lgpress.clemson.edu/publication/insecticide-resistance-overview-and-management/>

Cornell University

Integrated pest management, <https://nrcca.cals.cornell.edu/pest/CA1/>

Management of pesticide resistance, <https://nrcca.cals.cornell.edu/pest/CA6/>

Iowa State University

Pesticide resistance, <http://www.ipm.iastate.edu/files/12%20Pesticide%20resistance.pdf>

North Carolina State University

Challenges with herbicide resistance and value of cultural practices in managing weeds, https://content.ces.ncsu.edu/pdf/challenges-with-herbicide-resist/2020-03-25/AG_e_web_032520.pdf

Herbicide resistance, <https://soybeans.ces.ncsu.edu/herbicide-resistance/>

University of California

Pesticide resistance online training, <https://ipm.ucanr.edu/training/index.html>

Herbicide resistance, <http://ipm.ucanr.edu/IPMPROJECT/freepublications.html>

University of Nebraska–Lincoln

Resources on resistance management for insects and weeds, <http://cropwatch.unl.edu/resistance-management>