

Plant Pest Interaction - Regulatory System

Policy – Concepts and Programs:

Upon completion of this course, the student should be familiar with the following terms, concepts, and programs.

Regulation of pesticides

Health based safety standard for pesticides

Reasonable certainty of no harm

Delaney Paradox

Food additives

General safety standards

Sensitivity of Method (SOM) approach

De minimis interpretation of Delaney Clause

Occupational sources of exposure to pesticides

Non-occupational sources of exposure to pesticides

Reregistration Eligibility Decision (RED)

Interim Reregistration Eligibility Decision (IRED)

Tolerance Reassessment Eligibility Decision (TRED)

Tolerance setting for pesticides

Pesticide registration

Pesticide registration renewal

Pesticide reregistration

Pesticide labeling

Constituents Policy

The Common Rule

Institutional Review Board (IRB)

Worker Protection Standards (WPS)

Restricted entry interval

Federal Insecticide, Fungicide and Rodenticide Act

Federal Food Drugs and Cosmetics Act – Sections 408 and 409

Links:

Information on pesticide labeling:

Pesticide Product Labeling System (PPLS)

<http://www.epa.gov/pesticides/pestlabels/>

Crop Data Management Systems, Inc.

<http://www.cdms.net/pfa/LUpdateMsg.asp>

Pesticide related research – US:

Soil Physics and Pesticide Research, Agricultural Research Services (ARS)

http://www.ars.usda.gov/main/site_main.htm?modecode=53-10-20-05

Cooperative State Research, Education and Extension Service, USDA

<http://www.csrees.usda.gov/nea/pest/pest.html>

Legislations for regulating pesticides, US:

Food Quality Protection Act of 1996

<http://www.epa.gov/pesticides/regulating/laws/fqpa/>

Federal Insecticide, Fungicide and Rodenticide Act

<http://www.access.gpo.gov/uscode/title7/chapter6.html>

Federal Food, Drug and Cosmetic Act

http://www.law.cornell.edu/uscode/html/uscode21/usc_sup_01_21_10_9.html

Regulatory agencies and programs concerned with pests and diseases, pesticide use and food safety – US:

Gateway to Government Food Safety Information

<http://www.foodsafety.gov/>

Food Safety Information Center, National Agricultural Library

http://riley.nal.usda.gov/nal_display/index.php?info_center=16&tax_level=1/

Office of Pest Management Policy (OPMP), ARS, USDA

<http://www.ars.usda.gov/Research/docs.htm?docid=12430>

Environmental Protection Agency (EPA)

<http://www.epa.gov>

EPA, Office of Prevention, Pesticides and Toxic Substances
<http://www.epa.gov/oppts/>

Policy and Guidance, EPA
<http://www.epa.gov/pesticides/science/policies.htm>

Food Safety and Inspection Service (FSIS), USDA
<http://www.fsis.usda.gov/>

Animal and Plant Health Inspection Service (APHIS), USDA
<http://www.aphis.usda.gov/>

Food and Drug Administration (FDA)
<http://www.fda.gov/>

Center for Food Safety and Applied Nutrition (CFSAN), FDA
<http://vm.cfsan.fda.gov/list.html>

Center for Disease Control and Prevention (CDC)
<http://www.cdc.gov/>

Environmental Health Services (EHS), CDC
<http://www.cdc.gov/nceh/ehs/>

National Center for Infectious Diseases
<http://www.cdc.gov/ncidod/>

Plant Protection and Quarantine, APHIS, USDA
<http://www.aphis.usda.gov/ppq/>

Pesticides Data Program, USDA
<http://www.ams.usda.gov/science/pdp/Index.htm>

Endangered Species Protection Program (Pesticides), EPA
<http://www.epa.gov/oppfead1/endanger/>

Pesticide Environmental Stewardship Program, EPA
<http://www.epa.gov/oppbppd1/PESP/publications.htm>

Pesticides, food and environmental safety, and related Agencies – International

Chemical Safety Information from Inter Governmental Organizations
<http://www.inchem.org/>

International Phytosanitary Portal (IPP) – official website for the International Plant Protection Convention
<https://www.ippc.int/IPP/En/default.jsp>

A Global Approach to the Regulation of Agricultural Pesticides – A vision for the Future
<http://www.unep.org/Documents.multilingual/Default.asp?DocumentID=52&ArticleID=67>

Agenda 21, Environmentally Sound Management of Toxic Chemicals
<http://www.unep.org/Documents.multilingual/Default.asp?DocumentID=52&ArticleID=67>

International Portal on Food Safety, Animal and Plant Health
<http://www.ipfsaph.org/En/default.jsp>

Codex Alimentarius, FAO/WHO
http://www.codexalimentarius.net/web/index_en.jsp

Plant Production and Protection Division, FAO
<http://www.fao.org/WAICENT/FAOINFO/AGRICULT/AGP/Default.htm>

Pesticides, World Health Organization
<http://www.who.int/topics/pesticides/en/>

UNEP Chemicals Program
<http://www.chem.unep.ch/>

FAO/IAEA Training and Reference Center for Food Safety and Pesticide Control
<http://www.iaea.org/trc/>

Civil Society Organizations:

Pesticide Action Network of North America
<http://www.panna.org/>

GreenPeace
<http://www.greenpeace.org/international/>

Science and Environmental Health Network
<http://www.sehn.org/>

Natural Resources Defense Council
<http://www.nrdc.org/>

Environmental Working Group
<http://www.ewg.org/>

United Farm Workers
<http://www.ufw.org/>

International POP's Elimination Network
<http://www.ipen.org/>

Organizations and think tanks supporting the industry:

International Council of Chemical Associations (ICCA)
<http://www.icca-chem.org/>

Crop Life International
<http://www.gcpf.org/>

Hudson Institute
<http://www.hudson.org/>

Competitive Enterprise Institute

<http://www.cei.org/>

Heartland Institute

<http://www.heartland.org/>

Cato Institute

<http://www.cato.org/>