

COMMERCIAL APPLICATOR CERTIFICATION
CONTINUING INSTRUCTIONAL COURSE (CIC) PROGRAM AGENDA
2006-2008

Category 1 - Ag Pest Control (1A, 1B, 1C, 1D)

Program 1 (2006)

1. Equipment calibration and safe application techniques
2. Pests and pest management
3. Pesticides and pesticide labels
4. Laws and regulations
5. Phytotoxicity
6. Non-target injury and community problems

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management
3. Pesticides and pesticide labels
4. Laws and regulations
5. Phytotoxicity
6. Preharvest intervals and restricted entry interval

Program 3 (2008)

1. Effects of pesticides on groundwater and other non-target sites, including soil and water problems and the potential for environmental contamination
2. Pests and pest management
3. Pesticides and pesticide labels
4. Laws and regulations
5. Phytotoxicity

Category H - Pesticide Handler

Program 1 (2006)

1. Calibrating dispensing systems or use of measuring devices
2. Recognizing pesticide poisoning symptoms
3. Interpreting pesticide labels
4. Laws and regulations
5. Non-target injury and community problems associated with pesticide handling facilities

Program 2 (2007)

1. Safe handling and storage of pesticides
2. PPE
3. Pesticides and pesticide labels
4. Laws and regulations
5. Restricted entry intervals

Program 3 (2008)

1. Effects of pesticides on groundwater and other non-target sites, including soil and water problems and the potential for environmental contamination
2. Responding to spills and accidents
3. Pesticide label interpretation
4. Laws and regulations
5. Pesticide container handling and disposal

Category 1 - Animal Pest Control (1E)

Program 1 (2006)

1. Equipment calibration and safe application techniques
2. Pests and pest management
3. Pesticides and pesticide labels
4. Laws and regulations
5. Relative hazards according to age, application techniques, formulation, stress, and extent of treatment

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management
3. Pesticides and pesticide labels
4. Laws and regulations
5. Pesticide toxicity and residue potential

Program 3 (2008)

1. Effects of pesticides on groundwater and other non-target sites
2. Pests and pest management
3. Pesticides and pesticide labels
4. Laws and regulations

Category 2 – Forest Pest Control

Program 1 (2006)

1. Equipment calibration and safe application techniques (including proper use of specialized equipment)
2. Pests and pest management (in forests, forest nurseries and seed production areas)
3. Pesticides and pesticide labels (including non-target organisms & their vulnerability to pesticides)
4. Laws and regulations

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management (in forests, forest nurseries and seed production areas)
3. Pesticides and pesticide labels (including nontarget organisms and their vulnerability to pesticides)
4. Laws and regulations
5. Control methods which will minimize possibility of secondary problems

Program 3 (2008)

1. Effects of pesticides on groundwater and other nontarget sites
2. Pests and pest management (in forests, forest nurseries and seed production areas)
3. Pesticides and pesticide labels (including nontarget organisms and their vulnerability to pesticides)
4. Laws and regulations

Category 3 – Ornamental, Turf and Greenhouse (30, 3T, 3G)

Program 1 (2006)

1. Equipment calibration and safe application techniques (including application methods which will minimize or prevent hazards to humans, pets and other animals)
2. Pests and pest management
3. Pesticides and pesticide labels (including pesticide problems associated with production of ornamental and turf and cognizance of potential phytotoxicity)
4. Laws and regulations

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management
3. Pesticides and pesticide labels (including pesticide problems associated with production of ornamental and turf and cognizance of potential phytotoxicity)
4. Laws and regulations

Program 3 (2008)

1. Effects of pesticides on groundwater and other nontarget sites
2. Pests and pest management
3. Pesticides and pesticide labels (including pesticide problems associated with production of ornamental and turf and cognizance of potential phytotoxicity)
4. Laws and regulations
5. Drift and persistence

Category 4 – Seed Treatment

Program 1 (2006)

1. Equipment calibration and safe application techniques
2. Pests and pest management (including types of seeds requiring chemical protection)
3. Pesticides and pesticide labels (including seed coloration, carriers and surface active agents which influence pesticide binding and effect on germination)
4. Laws and regulations

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management (including types of seeds requiring chemical protection)
3. Pesticides and pesticide labels (hazards associated with handling, sorting, mixing, misuse of treated seed-food or feed, disposal of unused seed)
4. Laws and regulations

Program 3 (2008)

1. Effects of pesticides on groundwater and other nontarget sites
2. Pests and pest management (including types of seeds requiring chemical protection)
3. Pesticides and pesticide labels
4. Laws and regulations

Category 5 – Aquatic Pest control

Program 1 (2006)

1. Equipment calibration and safe application techniques (including secondary effects which can be caused by improper application rates, incorrect formulations and faulty application; principles of limited area application)
2. Pests and pest management
3. Pesticides and pesticide labels
4. Laws and regulations

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management
3. Pesticides and pesticide labels
4. Laws and regulations

Program 3 (2008)

1. Effects of pesticides on groundwater and other nontarget sites (including various water use situations and potential for downstream effects; potential pesticide effects on plants, fish, birds and beneficial organisms)
2. Pests and pest management
3. Pesticides and pesticide labels
4. Laws and regulations

Category 6 – Right-of-Way

Program 1 (2006)

1. Equipment calibration and safe application techniques (including knowledge of the nature of pesticides within right-of-way and impact of their application activities in adjacent areas and communities)
2. Pests and pest management (including wide variety of environments and identification of target organisms)
3. Pesticides and pesticide labels
4. Laws and regulations

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management (including wide variety of environments and identification of target organisms)
3. Pesticides and pesticide labels
4. Laws and regulations

Program 3 (2008)

1. Effects of pesticides on groundwater and other nontarget sites (including problems with runoff, drift and excessive foliage destruction)
2. Pests and pest management (including wide variety of environments and identification of target organisms)
3. Pesticides and pesticide labels
4. Laws and regulations

Category 7 – Industrial, Institutional, Structural & Health Related (7A, 7B, 7C, 7D, 7E, 7F)

Program 1 (2006)

1. Equipment calibration and safe application techniques (including methods of application that avoid contamination of food, damage, and contamination of habitat)
2. Pests and pest management (including wide variety of pest life cycles)
3. Pesticides and pesticide labels (including types of formulations)
4. Laws and regulations

Program 2 (2007)

1. Safe handling and storage of pesticides (including exposure to people and pets)
2. Pests and pest management (including wide variety of pest life cycles)
3. Pesticides and pesticide labels (including types of formulations)
4. Laws and regulations

Program 3 (2008)

1. Effects of pesticides on groundwater and other non-target sites
2. Pests and pest management (including wide variety of pest life cycles)
3. Pesticides and pesticide labels (including types of formulations)
4. Laws and regulations
5. Specific factors which may lead to a hazardous condition, including continuous exposure in various situations involving human exposure (including babies, children, pregnant women and elderly)

Category 8 – Public Health

Program 1 (2006)

1. Equipment calibration and safe application techniques
2. Pests and pest management (including vector disease transmission, great variety of environments ranging from streams to inside of buildings, nonchemical control methods)
3. Pesticides and pesticide labels
4. Laws and regulations

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management (including vector disease transmission, great variety of environments ranging from streams to inside of buildings, nonchemical control methods)
3. Pesticides and pesticide labels
4. Laws and regulations

Program 3 (2008)

1. Effects of pesticides on groundwater and other nontarget sites
2. pests and pest management (including vector disease transmission, great variety of environments ranging from streams to inside of buildings, nonchemical control methods)
3. Pesticides and pesticide labels
4. Laws and regulations

Category 9 – Regulatory Pest Control

Program 1 (2006)

1. Equipment calibration and safe application techniques
2. Pests and pest management (including factors influencing introduction, spread, and population dynamics of relevant pests)
3. Pesticides and pesticide labels
4. Laws and regulations

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management (including factors influencing introduction, spread, and population dynamics of relevant pests)
3. Pesticides and pesticide labels
4. Laws and regulations

Program 3 (2008)

1. Effects of pesticides on groundwater and other non-target sites (including environmental impact of pesticides used in control programs)
2. Pests and pest management (including factors influencing introduction spread, and population dynamics of relevant pests)
3. Pesticides and pesticide labels
4. Laws and regulations

Category 10 - Demonstration and Research

Program 1 (2006)

1. Equipment calibration and safe application techniques
2. Pests and pest management (IPM)
3. Pesticides and pesticide labels
4. Laws and regulations
5. Phytotoxicity or other unique pesticide characteristics
6. Nontarget injury and community problems

Program 2 (2007)

1. Safe handling and storage of pesticides
2. Pests and pest management (IPM)
3. Pesticides and pesticide labels
4. Laws and regulations
5. Phytotoxicity or other unique pesticide characteristics
6. Preharvest intervals and restricted entry intervals

Program 3 (2008)

1. Effects of pesticides on groundwater and other non-target sites, including soil and water problems and the potential for environmental contamination
2. Pests and pest management (IPM)
3. Pesticides and pesticide labels
4. Laws and regulations
5. Phytotoxicity or other unique pesticide characteristics

Category 11 - Aerial Application

This category will follow the same standards listed in Category 1 - Ag Pest Control and must include agricultural weed, insect and disease control under the “Pests and pest management” topic.