

K-State Research and Extension



IPPM

INTEGRATED PEST MANAGEMENT
& PESTICIDE SAFETY EDUCATION



Commercial Pesticide Applicator Training Program

November 5-7, 2018
Salina, Kansas

Sponsored by K-State Research and Extension

K-STATE
Research and Extension

IMPORTANT INFORMATION NOTICE

All requirements for renewal must be completed by December 31 of the year your certification expires in order to maintain continuous certification.

Certified applicators whose certification is scheduled to expire Dec. 31, 2018, will be sent a renewal reminder from the Kansas Department of Agriculture.

Renewal Requirements

For questions regarding renewal requirements, call Kansas Department of Agriculture 785-564-6688.

To view your current certification credits, go to <https://www.kellysolutions.com/ks/applicators>

Registration Information

Detailed registration information can be found at the center of this booklet.

KSU Pesticide Program

For information on the KSU Pesticide Program regarding training outlined in this booklet or other renewal questions, call 620-241-1523 and ask for Frannie Miller.

NOTE: THE REGISTRATION FEE IS FOR THE KANSAS STATE UNIVERSITY TRAINING PROGRAM ONLY.

A renewal fee of \$50 per category and the 2018 commercial applicator renewal information must be submitted to the Kansas Department of Agriculture before Dec. 31, 2018, for renewal of applicator certification.

INTRODUCTION

September 2018

TO: Certified Commercial Pesticide Applicators

As Certified Commercial Pesticide Applicators, you are required to obtain renewal certification in Kansas either by 1) attending "training courses" approved by the Kansas Secretary of Agriculture for recertification credit hour (CEU) accumulation, or 2) studying a manual and passing an examination.

RECERTIFICATION THROUGH TRAINING: This booklet contains approved "training courses" for complete certification renewal for specific categories. NOTE: Not all required pest management hours for all categories can be completed within the 3-day training session through this extension program. If you cannot complete all credit hours required for 2018 certification expiration, I recommend you take the examination. Afterward, begin accumulating credit hours for your 2019 through 2021 recertification. Non-certified employees may attend trainings and must pay the necessary program fees, but certified applicators will be given priority if training reaches capacity.

RECERTIFICATION BY EXAMINATION: If you have not accumulated the required number of credit hours (one core hour and either three, five or seven pest management hours) and paid the certification fee (\$50 per category certified in) to the Kansas Department of Agriculture (KDA) by the expiration of your current certification, you must pass the examination to obtain certification.

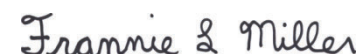
If all continuing credit hour requirements are not met, all exams must be retaken (general plus categories/subcategories). Manuals and examinations are available year-round and, in most cases, the examinations are offered locally by KDA. See your local County Extension Office for the KDA examination schedule and information on ordering commercial applicator manuals.

VERIFYING YOUR CERTIFICATION EXPIRATION: Check your records (pocket card and/or certificate) to make sure of the expiration date. If your card expires Dec. 31, 2018, and you have a record of attending a KSU-sponsored renewal "training course" during 2016 or later, you may already have met partial or all renewal requirements. If your card expires beyond 2018, you may now begin accumulating credit hours. If your card was newly issued in 2017 or 2018, you may attend "training courses" for credit hours or begin accumulating the appropriate credit hours elsewhere.

Renewal training meetings in some categories are also available from sessions sponsored by local County Extension Offices, trade associations or industry groups. Scheduling of approved training is available through the KDA Pesticide Program for "Commercial Pesticide Applicator Recertification Programs" at <http://www.kellysolutions.com/KS/applicators/courses/searchCourseTitle.asp>. You cannot add categories/subcategories without being examined.

Submit your pre-registration form to get the reduced rate.

Sincerely,



Frannie Miller

Extension Pesticide Coordinator

**COMMERCIAL PESTICIDE APPLICATOR
TRAINING MEETINGS
NOVEMBER 5-7, 2018**

WEBSTER CONFERENCE CENTER • SALINA, KANSAS
2601 North Ohio St. • 785-827-6565

OBJECTIVE

The objective of this training program is for the Kansas State University Cooperative Extension Service to provide a broad, practical training program to help Kansas commercial pesticide applicators meet the requirements for renewal certification.

PROGRAM MECHANICS

All attendees whose certification expires in 2018 must already have or attend the **core hour**, plus **category/subcategory sessions** to fulfill their pest management credit hour requirements.

Categories/subcategories have been grouped to accommodate, as well as possible, closely related categories/subcategories by topics presented. Applicators must attend the session that covers their specific categories/subcategories.

The core hour must only be attended once per three-year certification period. Some applicators are certified in many categories/subcategories, which may result in conflicts because of the concurrent group training sessions. In such cases, it may be possible for the applicator to attend the needed category/subcategories at an alternate location.

Category 10 applicators must attend the core hour and the category/subcategory sessions, which apply to the applicator’s research and/or demonstration. There is no training specific to Category 10.

For all applicator recertification renewals, please refer to the credit break down on page 5 for the number of credit hours to be accumulated by your category/subcategory to complete certification requirements.

Each applicator must retain receipt of attendance at recertification programs offering credit hours as proof of credit hours accumulated. **A certificate will be stamped upon completion of each break-out session and core hour as “proof” of certification meeting attendance at each site.**

Salina, Kansas—November 5-7 (Detailed schedule pages 7-12)
Webster Conference Center

Day 1 – Monday, Nov. 5, 2018

Registration begins 7:00 a.m.

Category 8:00 a.m.-Noon
1A

Lunch Break 12:00 – 1:00 p.m.

Category 1:00 – 4:00 p.m.
1A

Core Hour 4:00 – 5:00 p.m.

Day 2 – Tuesday, Nov. 6, 2018

Registration begins 7:00 a.m.

Categories 8:00 a.m.-Noon
7A
7B

Lunch Break 12:00 – 1:00 p.m.

Categories 1:00 – 4:00 p.m.
7B
7A, 7F
3A (2:00 - 4:00 p.m.)

Core Hour 4:00 – 5:00 p.m.

Day 3 – Wednesday, Nov. 7, 2018

Registration begins 7:00 a.m.

Categories 8:00 a.m.-Noon
7D, 7E, 8
2, 3A, 3B, 3C

Lunch Break 12:00 – 1:00 p.m.

Categories 1:00 – 4:00 p.m.
7D, 7E, 8
2, 3A, 3B, 3C

Core Hour 4:00 – 5:00 p.m.

INDIVIDUAL SESSIONS, CATEGORIES

Individual sessions in this program are defined as the following:

1A
2, 3A, 3C
3B
7B
7D, 7E, 8
7A, 7F

Some sessions are overlapped or combined due to the nature of this year's topics presented. These groupings may not occur each year.

If attending both the 2, 3A, 3C session and the 3B session, the two or more category session fee must be paid.

Note:

CATEGORY 5

Aquatic Pest Control will be offered in 2019 for full credit hours. Information on the program will be mailed to Category 5 and 10:5 applicators when this session is complete.

CATEGORY 1C

Wildlife Damage Pest Control will be offered in 2019 for full credit hours. Information on this program will be mailed to Category 1C and 10:1C applicators when this session is complete.

CATEGORY 1B

Agriculture Animal Pest Control is not being planned at this time. If you are in need of this training, please let us know.

CATEGORY 6, 7C, and 9A

Right-of-Way, Industrial Weed, and Noxious Weed will be offered in 2018 for full credit hours on Oct. 29 in Wichita, KS and Nov. 15 in Olathe, KS.

Information on this program has been mailed to Category 6, 7C, & 9A applicators. If you need additional information on these additional programs contact the Pesticide Safety and IPM program at 620-241-1523.

CATEGORIES AND CREDIT BREAKDOWN

FOUR CREDITS

1 core credit and 3 pest management credits

1D Cut Stump Treatment
4 Seed Treatment
5S Sewer Root
7F Wood Preservation

SIX CREDITS

1 core credit and 5 pest management credits

1B Agricultural Animal
1C Wildlife Damage
2 Forest
3C Interior Landscape
5 Aquatic

EIGHT CREDITS

1 core credit and 7 pest management credits

1A Agricultural Plant
3A Ornamental
3B Turf
6 Right-of-Way
7A Wood Destroying
7B Stored Products
7C Industrial Weed
7D Health Related
7E Structural
8 Public Health
9A Noxious Weed
9B Regulated
10 Demonstration and Research

REGISTRATION AND ACCOMMODATIONS

Registration check-in will be held at the location one hour prior to the beginning of each session. Please stop by the registration table upon your arrival to pick up your training materials and attendance tickets.

NOTE: A separate fee of \$50 per category and the 2018 commercial applicator renewal form must be sent to the Kansas Department of Agriculture for renewal of applicator certification before December 31, 2018.

REGISTRATION

Online

[conferences.k-state.edu/
commercialpesticide](http://conferences.k-state.edu/commercialpesticide)

Fax

Send the registration form to
785-532-2422
Attn: Commercial Pesticide Training.

Mail

Return the registration form to:
Commercial Pesticide Training
Kansas State University
Global Campus
1615 Anderson Avenue
Manhattan, KS 66502

Registration questions:

Call us at 1-800-432-8222 or
785-532-5569.
Office hours:
Monday-Friday, 8 a.m. to 5 p.m.

ACCOMMODATIONS

The following are hotels near the Webster Conference Center. There is no block of rooms for 2018. If you are a government employee, you may get a lower rate by asking for the government rate.

Holiday Inn Express

755 West Diamond Dr.
Salina, KS 67401
Phone 785-404-3300

Hilton Garden Inn

3320 S 9th Street
Salina, KS 67401
Phone 785-309-0440

La Quinta Inn & Suites

201 E. Diamond Dr.
Salina, KS 67401
Phone: 785-827-9000

Motel 6 Salina #1077

635 W Diamond Drive
I-70 at 9th Street, Exit 252
Salina, KS 67401
Phone: 785-827-8397

Super 8 Salina I-70

120 E Diamond Drive, I-70 Exit 252
Salina KS 67401-8624 US
Phone: 785-823-8808

REGISTRATION FORM

First Name Last Name

Company

Address CHECK ONE: [] Home [] Work

City State Zip

() Home Phone () Work Phone

E-mail address

Please check individual sessions you will attend

- 1A Session
- 2, 3A, 3C Session
- 7A, 7F Session
- 7B Session
- 3B Session
- 7D, 7E, 8 Session
- Day 1 Core Hour - Nov. 5
- Day 2 Core Hour - Nov. 6
- Day 3 Core Hour - Nov. 7

All categories/sub-categories are offered except 1B, 1C, 5, 6, 7C & 9A.

Category 1C (Ag Wildlife) and Category 5 (Aquatics) will have their own separate sessions in 2019.

Category 1B (Ag Animal) will only be offered if there is enough interest.

Category 6, 7C & 9A are being planned for October 29 (Wichita) and November 15 (Olathe)

Individual Category Sessions:

\$85 each (\$95 after October 22)
\$155 for 2 or more (\$175 after October 22)

Core Hour session:
\$40 (\$50 after October 22)
Note: Only one is required, may attend any day

Fees (Lunch included in registration fee)

One Individual Category Session
\$85 (\$95 after October 22) \$_____

Two or more Individual Category Sessions
\$155 (\$175 after October 22) \$_____

Core Hour
\$40 (\$50 after October 22) \$_____

Total Registration Fee Enclosed

\$_____

make check payable to
Kansas State University, FEIN 48-0771751

REGISTRATION FORM

Print Cardholder's Name

Cardholder's Signature

Card Number CVV Expiration Date

____ VISA ____ MasterCard ____ Discover ____ American Express

NOTE: THE REGISTRATION FEE IS FOR THE KSU TRAINING PROGRAM ONLY.

A separate fee of \$50 per category and the 2018 commercial applicator renewal information must be submitted to the Kansas Department of Agriculture for renewal of applicator certification.

To Register for Training:

Online
conferences.k-state.edu/commercialpesticide

Fax
Send this form to 785-532-2422,
Attn: Commercial Pesticide Training

Mail
Return this form by **October 22** to:

Commercial Pesticide Applicator Training
Kansas State University
Global Campus
1615 Anderson Avenue
Manhattan, KS 66502

Assistance for Participants with Disabilities/Dietary Requirements

Kansas State University is committed to making program activities accessible to all participants. In order to assist you, please indicate by **October 22** any special requirements and assistance needed:

Cancellation

If you must cancel your registration, do so as soon as possible. Substitutions are encouraged. **A full refund, minus a \$30 administrative fee, will be made if cancellation is received by Global Campus by 5 p.m. on October 22, 2018.**

After that date, due to guarantees we must give, refunds are not available. Refunds cannot be given in amounts less than \$5. Registrants who do not cancel their registration through Conference Registration are responsible for the total training registration fee even if they do not attend the training and have not paid the registration fee.

WEBSTER CONFERENCE CENTER • SALINA, KANSAS

2601 North Ohio Street • 785-827-6565

November 5-7, 2018

1A Session (8:00 a.m. to 4:00 p.m.)

Credit Hour Totals: 7 hours – Category 1A

1 Core Hour – 4:00-5:00 p.m.

7:00	Registration
8:00	Rangeland Weed Identification and Control Walt Fick, Agronomy, Kansas State University, Manhattan, KS [1 Credit hour 1A]
8:55	Field Crop Weed Control Update Dallas Peterson Agronomy, Kansas State University, Manhattan, KS [1 Credit hour 1A]
9:45	BREAK
10:00	Crop Insect Update Jeff Whitworth/Holly Davis, Entomology, Kansas State University [1 Credit hour 1A]
11:00	Spray Nozzle Training Gary James, Territory Sales Manager, Hypro/Shurflo [1 Credit hour 1A]
12:00	LUNCH
1:00	Water Contamination and Runoff Issues in Agricultural Production Ron Graber, Central Kansas Watershed Specialist [1 Credit hour 1A]
2:00	Temperature Inversions and the Kansas Mesonet Christopher (Chip) Redmond, Mesonet Manager, Kansas State University, Manhattan, KS [1 Credit hour 1A]
2:55	BREAK
3:10	Crop Disease Management Update Doug Jardine, Plant Pathology, Kansas State University, Manhattan, KS [1 Credit hour 1A]
4:00	CORE HOUR, KDA Pesticide Program Kansas Department of Agriculture, Pesticide and Fertilizer Program, Manhattan, KS [1 Core hour]
5:00	ADJOURN

7B Session (8:00 to 4:00)

Credit Hour Totals: 7 hours – Category 7B

1 Core Hour—4:00-5:00 p.m.

7:00	Registration
8:00	The Damage It Can Do: Aluminum Phosphide Frannie Miller, Pesticide Safety and IPM Coordinator, McPherson, KS [1 Credit hour 7B]
8:55	Stored Product Pest Identification and Biology Tom Phillips, Entomology, Kansas State University, Manhattan, KS [1 Credit hour 7B]
9:45	BREAK
10:00	Fumigation Management Plans and Risk Management John Ricker, Area Manager, Risk Management, KFSA Insurance, Hutchinson, KS [1 Credit hour 7B]
11:00	Fumigants and Resistance Issues Tom Phillips, Entomology, Kansas State University, Manhattan, KS [1 Credit hour 7B]
12:00	LUNCH
1:00	IPM in Stored Products Rob Morrison, USDA-ARS Research Entomologist, Manhattan, KS [1 Credit hour 7B]
2:00	Use of Pheromones in Monitoring Systems and Mating Disruption Programs James Campbell, USDA-ARS Research Entomologist, Manhattan, KS [1 Credit Hour 7B]
2:55	BREAK
3:10	Fumigation Best Management Practices Grant Jamis, Operations Manager, Food Protection Services [1 Credit Hour 7B]
4:00	CORE HOUR, KDA Pesticide Program Kansas Department of Agriculture, Pesticide and Fertilizer Program Manhattan, KS [1 Core hour]
5:00	ADJOURN

7A,7F Sessions (8:00 to 4:00)

Credit Hour Totals: 7 hours – Category 7A

3 hours—Category 7F

1 Core Hour 4:00-5:00 p.m.

7:00	Registration
8:00	Wood Destroying Inspections Jim Luck, Central Region Operations Director, Target Specialty, Topeka, Kansas [1 Credit hour 7A]
8:55	Why Termites Reach for the Sky: Construction Elements and Inspection Jared Harris, BASF Sales Representative, Mayetta, Kansas [1 Credit hour 7A]
9:45	BREAK
10:00	Factors Affecting Termite Baiting Jared Harris, BASF Sales Representative, Mayetta, Kansas [1 Credit hour 7A]
11:00	Termite Biology and Management Brad Kard, Structural and Urban Entomology, Oklahoma State University, Stillwater, OK [1 Credit hour 7A]
12:00	LUNCH
1:00	Wood-Damaging Insects: Beetles and Other Common Pests Brad Kard, Structural and Urban Entomology, Oklahoma State University, Stillwater, OK [1 Credit hour 7A, 7F]
2:00	Carpenter Ant Biology Jeff Whitworth/Holly Davis, Entomology, Kansas State University, Manhattan, KS [1 Credit hour 7A, 7F]
2:55	BREAK
3:10	Identification of Common Wood Destroying Pests, TBA [1 Credit hour 7A, 7F]
4:00	CORE HOUR, KDA Pesticide Program Kansas Department of Agriculture, Pesticide and Fertilizer Program Manhattan, KS [1 Core hour]
5:00	ADJOURN

3A Session (2:00 p.m.–4 p.m.)

Credit Hour Totals: 2 hours – Category 3A

1 Core Hour 4:00-5:00 p.m

2:00 Ornamental Selection for Pest Management
Cheryl Boyer, Horticulture, Kansas State University, Manhattan, KS
[1 Credit hour 3A]

3:00 Environmental Stresses Affecting Applications in Ornamentals
Jason Griffin, John Pair Horticulture Center, Haysville, KS
[1 Credit Hour 3A]

4:00 **CORE HOUR**, KDA Pesticide Program
Kansas Department of Agriculture, Pesticide and Fertilizer Program, Manhattan, KS
[1 Core hour]

5:00 ADJOURN

7D, 7E, 8 Session (8:00 a.m. to 4 p.m.)

Credit Hour Totals: 7 hours – Category 7D, 7E, 8

1 Core Hour 4:00-5:00 p.m.

8:00 German Cockroach Identification and Control,
Jared Harris, BASF Sales Representative, Mayetta, Kansas
[1 Credit hour 7D, 7E, 8]

8:55 TBA
Jim Luck, Central Region Operations Director, Target Specialty, Topeka, Kansas
[1 Credit hour 7D, 7E, 8]

9:45 BREAK

10:00 Rodent Biology and Control
Charlie Lee, Wildlife Specialist, Manhattan, KS
[1 Credit hour 7D, 7E, 8]

11:00 Nuisance Ant Control
Tim Husen, PhD, Manager of Technical Services, Rollins
[1 Credit hour 7D, 7E, 8]

12:00 LUNCH

1:00 Pesticide Mode of Action
Tim Husen, PhD, Manager of Technical Services, Rollins
[1 Credit hour 7D, 7E, 8]

2:00 Mosquito Biology and their Control
JB Howell, MGK Staff Entomologist/Area Tech Manager
[1 Credit hour 7D, 7E, 8]

2:55 BREAK

3:10 Occasional Invaders
Jeff Whitworth/Holly Davis, Entomology, Kansas State University, Manhattan, KS [1
Credit hour 7D, 7E, 8]

4:00 **CORE HOUR**, KDA Pesticide Program
Kansas Department of Agriculture, Pesticide and Fertilizer Program
Manhattan, KS [1 Core hour]

5:00 ADJOURN

2 Session (8:00 a.m. to 2:00 p.m.), 3A Session (8:00 a.m. to 2:00 p.m.)

3B Session (8:00 a.m. to 4:00 p.m.), 3C Session (8:00 a.m. to 2:00 p.m.)

Credit Hour Totals: 7 hours – Category 3B

5 hours—Category 3A (2 hours offered on Nov. 6, for a total of 7 hours)

5 hours—Category 2, 3C

1 Core Hour 4:00-5:00 p.m.

7:00	Registration
8:00	TBA TBA [1 Credit hour 2, 3A, 3B, 3C]
8:55	Wildlife Management in Turf and Ornamental Charlie Lee, Wildlife Specialist, Kansas State University, Manhattan, KS [1 Credit hour 2, 3A, 3B, 3C]
9:45	Break
10:00	Plant Law Regulations and Pests of Concern Jennifer Smith, Plant Protection and Weed Control Supervisor, Kansas Department of Agriculture, Manhattan, KS [1 Credit hour 2, 3A, 3B, 3C]
11:00	Diseases in Turf and Ornamentals Megan Kennelly, Plant Pathology, Kansas State University, Manhattan, KS [1 Credit hour 2, 3A, 3B, 3C]
12:00	LUNCH
1:00	Impact of Pesticides on Bees Raymond Cloyd, Entomology, Kansas State University, Manhattan, KS [1 Credit hour 2, 3A, 3B, 3C]
2:00	Pre-Emergent Applications in Turf Colleen Derksen, Sales Representative, Corteva Agriscience, St. Louis, MO [1 Credit hour 3B]
2:55	BREAK
3:10	Effectively Control Turfgrass Insect Pests Raymond Cloyd, Entomology, Kansas State University, Manhattan, KS [1 Credit hour 3B]
4:00	CORE HOUR, KDA Pesticide Program Kansas Department of Agriculture, Pesticide and Fertilizer Program, Manhattan, KS [1 Core hour]

REFUNDS

If you must cancel your registration, do so as soon as possible. Substitutions are encouraged. A full refund, minus a \$30 administrative fee, will be made if cancellation is received by Global Campus by 5 p.m. on Oct. 22, 2018.

After that date, due to guarantees we must give, refunds are not available. Refunds cannot be given in amounts less than \$5.

Registrants who do not cancel their registration through Conference Registration are responsible for the total training registration fee even if they do not attend the training and have not paid the registration fee.

SPECIAL ASSISTANCE

A conference or noncredit program participant who needs accommodations due to a disability or who has special dietary requirements should indicate services needed at the time of registration. If you have further questions, please contact Cara Richardson at cmr@k-state.edu or 785-532-3359. Early notification is requested to ensure that accommodations can be provided in a timely manner.

DISCLAIMER

The Kansas Department of Agriculture and Kansas State University accept no responsibility for accidents, losses, thefts, damages, delays, or any changes in the Commercial Pesticide Applicator Training program resulting from unforeseen events.

NOTICE OF NONDISCRIMINATION

Kansas State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, ancestry, disability, genetic information, military status, or veteran status, in the University's programs and activities as required by applicable laws and regulations.

The person designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator:

Director of Office of Institutional Equity
Kansas State University
103 Edwards Hall,
Manhattan, Kansas 66506-4801
Email: equity@k-state.edu
PH: 785-532-6220

The campus ADA Coordinator is the Director of Employee Relations
Charlotte Self
charlott@k-state.edu, 785-532-6277
Kansas State University
103 Edwards Hall,
Manhattan, Kansas 66506-4801



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