# AGRICULTURAL PEST CONTROL ADVISER LICENSE PACKET

# Contains the following documents:

- Application & Instructions
- Core Course And/Or Work Experience Requirements Form
- Study Materials
- Exam Schedule
- Fact Sheet
- Licensing Requirements
- Minimum Education Requirement
- Visa/Mastercard Transaction Form
- Customer Service Survey Form

STATE OF CALIFORNIA **AGRICULTURAL PEST CONTROL ADVISER LICENSE APPLICATION** PR-PML-084 (REV. 9/04) Page 1 of 2 DEPARTMENT OF PESTICIDE REGULATION PEST MANAGEMENT AND LICENSING BRANCH LICENSING AND CERTIFICATION PROGRAM 1001 I STREET SACRAMENTO, CALIFORNIA 95814-2828 (916) 445-4038 FAX - (916) 445-4033 Web site: http://www.cdpr.ca.gov/

	u indicate on this application e box in lieu of the physical ac			our licen	se/certifi	cate. Therefore it is	s public information. You may
A. Application Type.	Check the appropriate box(es).						
	FIRST TIME APPLICATION at meet the minimum education	ON PREVIOUS E		NO SHOW	1	DUPLICATE/F	REPLACEMENT LICENSE
PEST CONTROL CAT	EGORY EXAMINATION	NAME/ADDRESS	CHANGE			OTHER - Spee	cify
B. Applicant Information	on. Please print or type.						
NAME (Last)	(First)		(Middle Initia	) ADVISE	R NUMBE	R/EXAM ID NUMBER	HOME TELEPHONE NUMBER
MAILING ADDRESS (Number	r and Street)		1	SOCIAL	SECURIT	Y NUMBER (Optional)	WORK TELEPHONE NUMBER
(City)	(County)			(State)	(	ZIP Code)	CELL TELEPHONE NUMBER
EMPLOYER NAME AND MA	ILING ADDRESS (If Applicable) (Na	me, Number and Street, C	ty, State, Zi	o Code)			EMAIL ADDRESS
C. Laws, Regulations a	nd Basic Principles Examinat	on (Includes Integrate	ed Pest Ma	nageme	nt Princip	oles). No Exemptio	on. See instructions on reverse.
	ate the examination(s) you want						
(R) Laws, Regulat	ions and Basic Principles Exami	nation (200 questions)	(D	) Vertebra	ate Pests	(100 questions)	
(A) Insects, Mites,	and Other Invertebrates (100 qu	uestions)	(E)	Weed Co	ontrol (10	0 questions)	
(B) Plant Pathoger	ns (100 questions)		(F)	Defoliatio	on (50 qu	estions)	
(C) Nematodes (1	00 questions)		(G	) Plant Gr	owth Reg	ulators (100 questio	ns)
E. Examination Sched	ule. To complete this section, se	e attached Examination	Schedule	for the m	onth, date	, and location.	
EXAMINATION MONTH	·		EXAMINAT	ION SITE I	LOCATION	I	
F. Reasonable Accom	nodation.						
	reasonable accommodation to t	ake a written exam.					
G. Fees. All fees are r	on-transferable and non-refur	idable.		Amour	nt	# of Exams	Total Amount
New Applicant Fee				<u>\$80</u>			\$
Examination Fee Name/Address Change, Total Fees Due/Er	Duplicate/Replacement Fee			\$50 \$20	Х		= \$ \$ \$
	is relating to the application or us						you for violation of any State or ction is pending?
I I do olovo	the of positions under laws - fill	a Stata of California	hat the ch	ava lata	mation	two and	
I. I declare under pena APPLICANT SIGNATURE	lty of perjury, under laws of th	e state of California, t	nat the ab	ove intor	DATE SIG		
FOR OFFICIAL USE ONLY	LICENSE NUMBER				COMPUT	ER ENTRY DATE	RC RECEIVED AND DATE

#### STATE OF CALIFORNIA AGRICULTURAL PEST CONTROL ADVISER LICENSE APPLICATION INSTRUCTIONS

PR-PML-084 (REV. 9/04) Page 2 of 2

- A. **Application Type**. Check the appropriate box(es).
  - □ New Application: If you:
    - ✓ Are applying for an Agricultural Pest Control Adviser (PCA) license for the first time.
    - ✓ Failed to obtain your license within 12 months from the first date you scheduled your examination.
    - ✓ Failed to meet the renewal requirements by the expiration of your license.

Minimum education requirements must be met. You must submit a copy of your official college/university transcripts, along with the completed Core Course Requirements form.

- Add Pest Control Category(ies): Requesting to take pest control category examinations not yet taken. If passed, the category(ies) will be added to your existing license.
- Reexamination: Scheduling an examination on which you failed to obtain a passing score or failed to appear for a previously-scheduled examination.
- Duplicate/Replacement License: Requesting a duplicate or replacement license.
- □ **Name/Address Change**: Requesting a name and/or address change. Submit a copy of the legal document substantiating the name change. Address changes may be made directly on the application form.
- **Other**: Any other change, please specify the change.
- B. Applicant Information: Enter your name, Adviser License or Exam Identification Number if applicable, address, email address, home, work, and cell telephone numbers, Social Security number (optional) and current employer (if applicable). NOTE: Providing your Social Security number is strictly voluntary in accordance with the Federal Privacy Act of 1974 (PL-93-579). The Department of Pesticide Regulation (DPR) utilizes your Social Security number as an alternate source of applicant identification, as many names are similar. This is not public information and will not appear on any publication, etc. produced or distributed by DPR.
- C. Laws, Regulations and Basic Principles Examination (includes Integrated Pest Management Principles). This examination is required of all new PCA applicants. The passage of the Laws, Regulations and Basic Principles examination in any other DPR licensing program does not exempt you from this exam.
- D. Examinations. Indicate the examinations you want to take by checking the appropriate boxes. In addition to the Laws, Regulations and Basic Principles Examination, each new applicant must successfully pass at least one of the pest control categories (A-G) before an Agricultural Pest Control Adviser License is issued. A maximum of four (4) examinations may be scheduled per location (testing may occur at only one location per month). If you are requesting the Laws, Regulations, and Basic Principles exam, a maximum of three (3) examinations may be scheduled per location.
- E. **Examination Schedule**. Indicate the exam month and location in the appropriate boxes. This information may be obtained from the Exam Schedule provided with the General Information Packet or from DPR's web site at <www.cdpr.ca.gov>. The exam schedule gives the location, schedule, and final filing dates. If you are requesting to take the examination(s) at a specific location and date, your application must be *postmarked* by the final filing date for that location.
- F. **Reasonable Accommodation.** Reasonable Accommodation will be provided to applicants who need assistance to take a written exam. If you check "Yes", you will be contacted via telephone or mail to make specific testing arrangements.

# G. Fees. All fees are non-transferable and non-refundable. New Applicant Fee: \$80 Name/Address Change Fee: \$20 (see below) Examination Fee: \$50 Duplicate/Replacement Fee: \$20 (see below)

A new applicant fee is only required if you meet the criteria for a "New Application" as stated above in Section A, Application Type.

An examination fee of \$50 is required for each examination (including Laws, Regulations and Basic Principles) you are requesting to schedule. A fee for an address change is only required when the licensee requests a new license be issued (printed and mailed). A maximum fee of \$20 is due for all name/address changes and requests for a duplicate/replacement license submitted on a single application. The \$20 fee is waived when a license is printed to add a category after successfully passing the examination.

- H. Read Before Signing. Check appropriate box.
- I. **Declaration/Signature Block**. Sign and date your application. Enclose a check, money order or credit card payable to "Cashier, DPR" and mail to: Cashier, Department of Pesticide Regulation, P.O. Box 4015, Sacramento, California 95812-4015.

#### STATE OF CALIFORNIA AGRICULTURAL PEST CONTROL ADVISER CORE COURSE AND/OR WORK EXPERIENCE REQUIREMENTS FOR NEW LICENSE APPLICANTS

PR-PML-085 (REV. 11/07)

This form must be completed and submitted with your application and official transcripts. To assist in determining which courses fit in the proper core areas, refer to DPR's web site at <a href="http://www.cdpr.ca.gov/docs/license/pcacoursreq.htm">http://www.cdpr.ca.gov/docs/license/pcacoursreq.htm</a>. For any course that does not clearly fit in a core area designated below, please submit an official college/university catalog class description, a signed official document from the college/university explaining what you accomplished in the class, or a copy of the paper that was submitted. Nontraditional course titles (e.g., Senior Project, Internship, Cooperative Work Experience, Independent Study, Dissertation, Thesis, Enterprise Project) and work experience require documentation (see Title 3 of the California Code of Regulations, Code section 6550). Without these official documents, DPR cannot evaluate whether you meet the core course and/or work experience requirements.

PHYSICAL AND BIOLOGICAL SCIENCES (minimum of 12 semester or 18 guarter units) includes courses such as introduction to inorganic chemistry, organic chemistry, biochemistry, plant biology or botany, general ecology, biology, genetics, plant physiology, and zoology.

Course Code / No.	Course Title	Course Grade	Quarter Units	Semester Units
		Total Units		

CROP HEALTH (minimum of 9 semester or 13.5 quarter units) includes introductory courses such as vegetative management or weeds, plant pathology, agricultural/economic entomology, plant nutrition or fertility, nematology, and vertebrate management; and courses in soils and irrigation. The director may grant 3 semester or 4.5 quarter units credit for a current crop adviser certificate accredited by the American Society of Agronomy. Additional credit may also be given for nontraditional courses.\*

Course Code / No.	Course Title	Course Grade	Quarter Units	Semester Units
		Total Units		

PEST MANAGEMENT SYSTEMS AND METHODS (minimum of 6 semester or 9 quarter units) includes at least one course emphasizing Integrated Pest Management principles; applied courses in entomology, plant pathology, vegetation management or weed science, and other pest management disciplines; and courses related to biological control, pesticides, pest control equipment systems, the use of pesticides, alternative cropping systems, and sustainable or organic agricultural systems. The director may grant 3 semester or 4.5 guarter units credit for one year of full-time related work experience. Please refer to the TECHNICAL EXPERIENCE table. Additional credit may also be given for nontraditional courses\*

Course Code / No.	Course Title	Course	Quarter	Semester
		Grade	Units	Units
		Total Units		

**PRODUCTION SYSTEMS** (minimum of 6 semester or 9 quarter units) includes courses such as horticulture; viticulture; forestry; agronomy; crop, vegetable, fruit, or animal sciences; or other production systems. The director may grant 3 semester or 4.5 quarter units credit for one year of full-time related work experience. Please refer to the TECHNICAL EXPERIENCE table. Additional credit may also be given for nontraditional courses.\*

Course Code / No.	Course Title	Course Grade	Quarter Units	Semester Units
		Total Units		

# **ELECTIVES** (minimum of 9 semester or 13.5 quarter units) include courses listed in Crop Health, Pest Management Systems and Methods, and Production Systems.

Course Code / No.	Course Title	Course Grade	Quarter Units	Semester Units
		Total Units		

**TECHNICAL EXPERIENCE** (24 months) is required if you do not meet the bachelor's degree or doctoral degree requirement in agricultural sciences, biological sciences, natural sciences, or pest management. Work experience may also be used to fulfill part of the core course requirements for Pest Management Systems and Methods, and Production Systems. Documentation verifying work experience is required (e.g., letter from employer, pay stub).

Description of Technical Experience	Length of Time (Number of Months and/or Years)

\*The director may grant 3 semester or 4.5 quarter units for nontraditional courses such as Senior Project, Internship, Cooperative Work Experience, Independent Study, Dissertation, Thesis, and Enterprise Project in each core area of Crop Health, Pest Management Systems and Methods, and Production Systems. Documentation verifying these courses is required (i.e., course description and justification for the course category).

College/Universities Attended (submit official transcripts):

College Degree(s)	
Conege Degree(3)	Date Granted
	Date Granted
	Date Granted
Major:	

#### Minimum Core Course and/or Work Experience Requirements Exemption

If you previously possessed a valid California Agricultural Pest Control Adviser License, you are exempt from meeting the minimum core course and/or work experience requirements. However, you must still pass the required examinations. Please submit the application, appropriate fee, and a copy of your expired license. If an expired license is unavailable, provide the following information:

Adviser License No: \_\_\_\_\_

License Issuance Date: \_\_\_\_\_

#### State of California AGRICULTURAL PEST CONTROL ADVISER LICENSE SUGGESTED STUDY MATERIAL SOURCE LIST

REV. 06/08

#### **Retain for your information**

This list provides reference materials to help prepare for the Agricultural Pest Control Adviser License examination. Suggested study material for the laws, regulations, and basic principles examination, and each Pest Control Category examination is listed below. Instructions on how to order the publications can be found in the footnotes at the end of this source list. Knowledge expectations list all areas of study for specific examinations.

#### Disclaimer

You are not required to purchase any of the suggested study materials. Some materials may be available to borrow from local libraries. Prices listed are subject to change and should be verified with the vendor. DPR does not endorse any product or company mentioned.

#### • Laws, Regulations, and Basic Principles, and Integrated Pest Management Principles

- 1. Knowledge Expectations at <http://www.cdpr.ca.gov/docs/license/ipm.pdf>.
- 2. <u>Laws and Regulations Study Guide</u> (2001). This publication is available from the Department of Pesticide Regulation. Sale publication code #626. The cost is \$15.00<sup>2.</sup> The publication is available online at <<u>http://www.cdpr.ca.gov/docs/license/L&R\_Study\_Guide\_2001.pdf</u>>.
- <u>IPM in Practice Principles and Methods of Integrated Pest Management.</u> M.L. Flint and Patricia Gouveia, 2001. University of California Agriculture and National Resources sale publication #3418. The cost is \$30.00<sup>1</sup>

#### A. Insects, Mites and Other Invertebrates (Plant)

- 1. <u>Knowledge expectations</u> at <http://www.cdpr.ca.gov/docs/license/arthropod.pdf>.
- 2. <u>Entomology and Pest Management</u> (3<sup>rd</sup> or higher Edition). Larry P. Pedigo, Prentice-Hall, Upper Saddle River, N.J. This publication can be ordered online at <a href="http://www.amazon.com/">http://www.amazon.com/</a>, or through bookstores. It may also be available at public libraries.
- 3. <u>IPM in Practice Principles and Methods of Integrated Pest Management.</u> M.L. Flint and Patricia Gouveia, 2001. University of California Agriculture and National Resources sale publication #3418. The cost is \$30.00<sup>1</sup>.
- 4. For specific insects/mites you will be required to identify see: <a href="http://www.ipm.ucdavis.edu/PCA/>">http://www.ipm.ucdavis.edu/PCA/></a>.

#### **B.** Plant Pathogens

- 1. <u>Knowledge expectations</u> at <http://www.cdpr.ca.gov/docs/license/plntpath.pdf>.
- 2. <u>Plant Pathology</u> (4<sup>th</sup> or higher Edition). G.N. Agrios. Elsevier <http://www.elsevier.com/>. This publication can be purchased online at <http://www.amazon.com/> or through bookstores. It may also be available at public libraries.
- 3. <u>IPM in Practice Principles and Methods of Integrated Pest Management.</u> M.L. Flint and Patricia Gouveia, 2001. University of California Agriculture and National Resources sale publication #3418. The cost is \$30.00<sup>1</sup>.
- 4. For damage symptoms and information associated with plant pathogens you are required to be knowledgeable about see: <a href="http://www.ipm.ucdavis.edu/PCA/>">http://www.ipm.ucdavis.edu/PCA/</a>.

#### C. Nematodes

- 1. <u>Knowledge expectations</u> at <http://www.cdpr.ca.gov/docs/license/nematode.pdf>.
- 2. <u>Knowledge Expectations for Pest Control Advisors: Nematodes</u>. Available online at <<u>http://ucdnema.ucdavis.edu/imagemap/nemmap/Ent156html/kenem/kenem.html></u>.
- 3. <u>IPM in Practice Principles and Methods of Integrated Pest Management.</u> M.L. Flint and Patricia Gouveia, 2001. University of California Agriculture and Natural Resources sale publication #3418. The cost is \$30.00<sup>1</sup>.

#### **D.** Vertebrate Pests

- 1. <u>Knowledge expectations</u> at <http://www.cdpr.ca.gov/docs/license/vertebrate.pdf>.
- Prevention and Control of Wildlife Damage. Scott E. Hygnstrom, Robert M. Timm, and Gary E. Larson. University of Nebraska Cooperative Extension. 1994. It can be found at <http://wildlifedamage.unl.edu/>.
- 3. <u>Wildlife Pest Control Around Gardens and Homes</u> Second Edition. Terrell P. Salmon, Desley A. Whisson, and Rex E. Marsh. 2006. University of California Agriculture and National Resources sale publication #21385. The cost is \$25.00<sup>1</sup>.
- 4. <u>IPM in Practice Principles and Methods of Integrated Pest Management.</u> M.L. Flint and Patricia Gouveia, 2001. University of California Agriculture and Natural Resources sale publication #3418. The cost is \$30.00<sup>1</sup>.

#### E. Weed Control

- <u>Knowledge expectations</u> at <<u>http://www.cdpr.ca.gov/docs/license/weeds.pdf</u>>.
   <u>Principles of Weed Control</u>. Third Edition. University of California Agriculture and National Resources sale publication # 3504. The cost is \$85.00<sup>1</sup>.
- 2. Specific weed identification at <a href="http://www.ipm.ucdavis.edu/PCA/>">http://www.ipm.ucdavis.edu/PCA/></a>.
- 3. <u>Weeds of California and Other Western States</u>. Joseph M. DiTomaso and Evelyn A. Healy, 2007. University of California Agriculture and Natural Resources sale publication #3488. The cost is \$100.00<sup>1</sup>.
- IPM in Practice Principles and Methods of Integrated Pest Management. M.L. Flint and Patricia Gouveia, 2001. University of California Agriculture and Natural Resources sale publication #3418. The cost is \$30.00<sup>1</sup>.

#### F. Defoliation

- 1. Knowledge expectations at <http://www.cdpr.ca.gov/docs/license/defoliate.pdf>.
- 2. <u>Harvest Aid Materials and Practices for California Cotton</u>. University of California Agriculture and National Resources sale publication #4043. The cost is \$5.00<sup>1</sup>.

#### **G.** Plant Growth Regulators

- 1. <u>Knowledge expectations</u> at <http://www.cdpr.ca.gov/docs/license/grthreg.pdf>.
- 2. <u>Plant Growth Regulators</u>. University of California Agriculture and National Resources sale publication #4047. The cost is \$7.00<sup>1</sup>.

Pest Control Adviser Suggested Study Material Source List Rev. 06/08

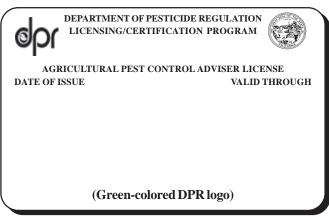
# **Supplemental Reading**

Although the examinations are constructed using information primarily from the sources sited above, the publications listed below may provide supplemental information for persons preparing to take the Pest Control Adviser examinations.

- 1. <u>The Safe and Effective Use of Pesticides</u>. Second Edition. Patrick J. O'Connor-Marer, 2000. University of California Statewide Integrated Pest Management Program, Division of Agriculture and Natural Resources sale publication #3324. The cost is \$35.00<sup>1</sup>.
- 2. <u>Weeds of the West</u>. 2000. University of California Agriculture and Natural Resources sale publication #3350. The cost is \$35.00<sup>1</sup>.
- 3. <u>Natural Enemies Handbook</u>. The Illustrated Guide to Biological Pest Control, 1998. University of California sale publication #3386. The cost is \$35.00<sup>1</sup>.

## **Footnotes - How to Obtain Study Materials**

- This publication can be ordered by writing or calling one of the following locations: Communication Services - Publications, Agriculture and Natural Resources, University of California, 6701 San Pablo Avenue, 2<sup>nd</sup> floor, Oakland, California 94608-1239, or by telephone at 1 (800) 994-8849 (within California) or by telephone at 1 (510) 642-2431 or online at <a href="http://www.anrcatalog.ucdavis.edu/">http://www.anrcatalog.ucdavis.edu/</a>; or the local county farm advisor's office (University of California Cooperative Extension).
- 2. This publication can be ordered from the Department of Pesticide Regulation, P.O. Box 4015, Sacramento, California 95812-4015. Please make check or money order payable to: Cashier, Department of Pesticide Regulation. State sales tax is already included.



## Who Needs It?

An Agricultural Pest Control Adviser (PCA) License is required by any person who offers a recommendation on any agricultural use, who holds himself/herself forth as an authority on any agricultural use, or who solicits services or sales for any agricultural use (FAC sections 11410, 11411).

Exemptions:

1. The following are exempted from this licensing requirement if the recommendation is put in writing (FAC section 12001):

- Officials of federal, state, and county departments of agriculture
- University of California personnel engaged in duties relating to agricultural use
- Public agency employees are required to be licensed as PCAs when making decisions except those that are exempted (ENF 05-28)
- 2. Operator of the property (i.e., growers, firms, or corporations) and their employees are not required to be licensed when making decisions in regards to pesticides used for agricultural use on property under their control.

## What's Required?

A PCA License is obtained by passing the Laws, Regulations, and Basic Principles (includes Integrated Pest Management Principles) examination and at least one category examination (for a list of categories, refer to FAC section 12022). In order to qualify for this examination, the applicant must meet the following requirements:

- <u>Option 1</u>: Bachelors degree in agricultural sciences, biological sciences, natural sciences, or pest management and meet the core course requirements; <u>Option 2</u>: Doctoral degree (i.e., PhD.) in agricultural sciences, biological sciences, natural sciences, or pest management; or <u>Option 3</u>: Meet the core course requirements plus 24 months of technical experience. The core course requirements are 42 semester units or 63 quarter units of college-level curricula in the physical and biological sciences, crop health, pest management systems and methods, and production systems course areas (3 CCR section 6550). 2.0 grade point average in all core courses.
- Submit a copy of official college transcripts with the APCA application (3 CCR section 6550)
- Submit examination fee of \$50.00 for each exam to be taken (FAC section 11502.5[b])
- Submit an initial application fee of \$80.00 (FAC section 12021)

Note: Examinations are based on the knowledge expectations found on DPR's website at <www.cdpr.ca.gov/license/adviserke.htm>.

## Additional Requirements!

- Accumulate at least 40 hours of approved continuing education every two years before license renewal. Four of the 40 hours of continuing education must cover the topic of pesticide and pest control laws and regulations (3 CCR section 6511)
- Register with the county agricultural commissioner in "home" county (address on the PCA license) and in each county where recommendations are made (FAC section 12031)
- Retain one copy of each written recommendation for one year following the date of such recommendation (FAC section 12004)
- Provide the operator of the property with a copy of the written recommendation prior to the application (FAC section 12003)
- Where a pesticide use is recommended, a copy of the written recommendation must be provided to the pest control dealer and the applicator prior to the application (FAC section 12003)

#### **State of California** AGRICULTURAL PEST CONTROL ADVISER LICENSING REQUIREMENTS

Rev. 6/08

expectations

Do you need this license?	You must possess an agricultural pest control adviser (PCA) if you do any of the following:
	• Offer a recommendation on any agricultural use
	• Act as an authority on any agricultural use
	Solicit services or sales for any agricultural use
Licensing exemption	You are exempt from this licensing requirement if you make any recommendation of a specific application on a specific parcel in writing, <b>and</b> are a(n)
	• Official of a federal, state, or county department of agriculture
	• University of California personnel worker engaged in official duties relating to agricultural use
	• You are the "operator of the property" (ie: growers farms, or corporations) and their employees when making decisions in regards to pesticides used for agricultural use on property under their control (ENF 2003-034) agency public employees are required to be licensed as PCAs when making
	decisions except those that are exempted (ENF05-28)
	decisions except those that are exempted (ENF05-28) You must meet the minimum educational requirements to take the <i>Agricultural Pest</i> <i>Control Adviser license</i> . See the minimum qualifications for PCA license (est. 06/08) in this packet. Please complete and submit the <i>Core Course Requirements</i> form (PR-PML-085) in the PCA license application packet.
Minimum qualifications Institutions offering core courses	You must meet the minimum educational requirements to take the <i>Agricultural Pest</i> <i>Control Adviser license</i> . See the minimum qualifications for PCA license (est. 06/08) in this packet. Please complete and submit the <i>Core Course Requirements</i> form
qualifications Institutions offering core	You must meet the minimum educational requirements to take the <i>Agricultural Pest</i> <i>Control Adviser license</i> . See the minimum qualifications for PCA license (est. 06/08) in this packet. Please complete and submit the <i>Core Course Requirements</i> form (PR-PML-085) in the PCA license application packet.
qualifications Institutions offering core courses	You must meet the minimum educational requirements to take the <i>Agricultural Pest</i> <i>Control Adviser license</i> . See the minimum qualifications for PCA license (est. 06/08) in this packet. Please complete and submit the <i>Core Course Requirements</i> form (PR-PML-085) in the PCA license application packet. Institutions offering core courses that partially or completely meet the educational requirements for this license are listed on our Web site at <www.cdpr.ca.gov docs="" license="" pcacoursreq.htm="">. We only included institutions that responded to a DPR survey in this list; other universities and colleges may offer comparable courses.</www.cdpr.ca.gov>
qualifications Institutions offering core courses	You must meet the minimum educational requirements to take the <i>Agricultural Pest</i> <i>Control Adviser license</i> . See the minimum qualifications for PCA license (est. 06/08) in this packet. Please complete and submit the <i>Core Course Requirements</i> form (PR-PML-085) in the PCA license application packet. Institutions offering core courses that partially or completely meet the educational requirements for this license are listed on our Web site at <www.cdpr.ca.gov docs="" license="" pcacoursreq.htm="">. We only included institutions that responded to a DPR survey in this list; other universities and colleges may offer comparable courses. You must pass the Laws, Regulations, Basic Principles, which includes Integrated Pest Management examination and one category examination to obtain this license (FAC section 12022). The pest control categories available for this license are as</www.cdpr.ca.gov>

site address <a href="http://www.cdpr.ca.gov/docs/license/adviserke.htm">http://www.cdpr.ca.gov/docs/license/adviserke.htm</a>>.

# **Study material** The following table illustrates some DPR Web sites to help you prepare for the examinations.

		1		
	For the	Go to		
	Suggested Study Material List	<http: docs="" licens<br="" www.cdpr.ca.gov="">e/adviser.htm&gt;</http:>		
	Laws and Regulations Study Guide	<http: docs="" licens<br="" www.cdpr.ca.gov="">e/lcpubs.htm&gt;</http:>		
	Current information on pests and pest management (available through the University of California IPM Project)	<www.ipm.ucdavis.edu pca=""></www.ipm.ucdavis.edu>		
	California Food and Agricultural Code (Divisions 6, 7, and 13)	<http: docs="" legbil<br="" www.cdpr.ca.gov="">ls/opramenu.htm&gt;</http:>		
	California Code of Regulations (Title 3)	<http: docs="" inhou<br="" www.cdpr.ca.gov="">se/calcode/chapterhtm&gt;</http:>		
	General Standards for Certification of Commercial Applicators	<http: docs="" licens<br="" www.cdpr.ca.gov="">e/ccomaplgnrstnim.htm&gt;</http:>		
Valid licenses	A list of valid licensees can be viewed at <wv< th=""><th>ww.cdpr.ca.gov/docs/license/currlic.htm</th></wv<>	ww.cdpr.ca.gov/docs/license/currlic.htm		
General requirements	<ul> <li>Once you obtain your license, you must do all of the following:</li> <li>Register with the county agricultural commissioner in your "home" county and in each county where you make recommendations (FAC section 12031).</li> <li>Retain one copy of each written recommendation for one year (FAC section 12004).</li> <li>Provide the operator of the property with a copy of the written recommendation prior to the application (FAC section 12003).</li> <li>Where a pesticide use is recommended, provide a copy of the written recommendation to the pesticide dealer and to the applicator prior to application (FAC section 12003).</li> </ul>			
Application fee	If you are applying for a new PCA license, application fee is \$80 (FAC section 12021 and 3 CCR section 6502). This fee is only required once, provided you become licensed within a year.			
Examination fee	An examination fee of \$50 is required (3 CCl that you take. It includes the laws Regulation if you reexamine due to late rescheduling, no the examination fee. Require examinations in Laws, Regulations, and Basic Princip Pest Management	, and basic principles examination. Also show or failure will require you to pay order to receive a license:		

• At least one pest control category examination (listed under "Examinations on page 4)

# Second-year fee If you pass the required examinations for the license, you may receive a Second-year Fee Notice. This notice will inform you that you are in the first year of a 2-year cycle; an additional second-year fee of \$70 will be required in order to issue your license. The 2-year license cycles are illustrated in the table below.

	If your last name begins with	Then your license will		
	A through L	Expire on December 31 of even-numbered years (e.g., 2008, 2010, 2012, etc.)		
	${f M}$ through ${f Z}$	Expire on December 31 of odd-numbered years (e.g., 2009, 2011, 2013, etc.)		
New Applicant Continuing education	You may be required to obtain continued education hours (CE) as a new license. Our office will notify you when you first receive your license on how many CE hours you will need to obtain to renew your license. The CE hours must be obtained during the valid period of your license.			
	renew your license. DPR approve	the number of approved CE hours required to ed CE courses can be viewed at v.cdpr.ca.gov/docs/license/classes.htm>.		
Continuing Education requirement after first expiration of license.	education (CE) every two year minimum of four (4) of the 40 laws and regulations (3CCR Se	ulate at least 40 hours of approved continuing is before the expiration of the license. A hours must include the topic of pest control ection 6511). Any additional laws and ar total hours. The CE hours must be obtained cense.		
Renewal fee	The renewal fee is \$140 for the 2- prorate your fee if you renew you	-year cycle (3 CCR section 6502). We do not r license late.		
Late renewal fee	A late fee of 50 percent of the total renewal fee will be assessed for each license postmarked after December 31 of the expiration year.			

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MiscellaneousThe following chart lists the miscellaneous fees for this license. We charge a<br/>maximum fee of \$20 for all changes/requests that are submitted on the address<br/>and/or name change form (PR-PML-002 (Rev. 12/03)). We waive this fee when a<br/>license is reprinted to add a pest control category.

Туре	Amount	Details
Name change	\$20	<ul> <li>You must immediately notify the Licensing and Certification Office in writing (3 CCR section 6508).</li> <li>You must submit legal documents certifying the name change.</li> <li>A new license will be automatically issued for all name changes.</li> <li>The <i>Address and/or Name Change Form</i> is available on our Web site at <www.cdpr.ca.gov docs="" lcforms.htm="" license="">.</www.cdpr.ca.gov></li> </ul>
Address change	\$20	<ul> <li>You must immediately notify the Licensing and Certification Office in writing (3 CCR section 6508).</li> <li>This fee is only required if you request a new license.</li> <li>The <i>Address and/or Name Change Form</i> is available on our Web site at <www.cdpr.ca.gov docs="" lcforms.htm="" license="">.</www.cdpr.ca.gov></li> </ul>
Duplicate	\$20	• This fee applies to requests for a duplicate or replacement license.

Timelines for processing applications	DPR has established time periods for processing permit applications, in compliance with Government Code sections 15374-15378. <b>DPR may take up to 130 days to complete the processing of this application.</b> Failure to comply with these time periods may be appealed to the Agency Secretary, California Environmental Protection Agency, P.O. Box 2815, 1001 I Street, Sacramento, California 95814, pursuant to regulations set forth in 3 CCR section 301. Under certain circumstances, the Agency Secretary may order that the applicant receive a reimbursement of filing fees.
Timelines for applications/ examinations	Every year, DPR schedules examinations in various locations throughout the state. The examination schedule is posted on our Web site at <www.cdpr.ca.gov docs="" liccert.htm="" license="">. Your application must be postmarked by the final filing date in order for your requested month, location, and type of examination(s) to be processed. If you do not show up on the scheduled examination date, your examination fee(s) will be forfeited.</www.cdpr.ca.gov>
License duration	Renewed license is valid for two years unless you renew late. Continued Education hours will always remain 40 hours, even if renewed late.
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Most common mistakes and	The most common application errors made are
how to avoid	• Incorrect fees
them	• Missing the final examination filing date
	• Not specifying your preferred month, location, and type of examination(s)
	You can avoid these errors by reading the application instructions carefully and by mailing your application <b>before</b> the final filing date.
Our physical	Department of Pesticide Regulation
address	Pest Management and Licensing Branch
	Licensing and Certification Program
	1001 I Street
	Sacramento, CA 95814-2828
Our mailing	Department of Pesticide Regulation
address	Pest Management and Licensing Branch
	Licensing and Certification Program
	P.O. Box 4015
	Sacramento, CA 95812-4015
For more information	You can contact us between the hours of 8 a.m. to 5 p.m. at (916) 445-4038, or e-mail us at <li>censemail@cdpr.ca.gov&gt;.</li>

#### STATE OF CALIFORNIA DEPARTMENT OF PESTICIDE REGULATION MINIMUM EDUCATION QUALIFICATIONS FOR AGRICULTURAL PEST CONTROL ADVISERS

(EST. 06/08)

You must meet the minimum qualifications listed below before you can take the agricultural pest control adviser (PCA) licensing examinations. Please submit the Agricultural Pest Control Adviser Core Course Requirements for *New License Applicants* form (PR-PML-085) to ensure you meet these requirements.

**Options to** fulfill minimum qualifications

You must meet one of the following options in order to qualify for this license.

Option	College degree	Core courses	Work experience	Grade point average
Option 1	<ul> <li>Bachelor's degree (i.e.,</li> <li>B.A. or B.S.) in one of the following areas:</li> <li>Agricultural sciences</li> <li>Biological sciences</li> <li>Natural sciences</li> <li>Pest management</li> </ul>	<ul> <li>42 semester or 63 quarter units in the following areas:</li> <li>Physical and biological sciences</li> <li>Crop health</li> <li>Pest management systems and methods</li> <li>Production systems</li> </ul>	Letter	2.0 grade point average in all core courses

#### **Option 1 Required Documents:**

- Official college/university transcript(s) verifying Bachelor's Degree in Agricultural . Sciences, Biological Sciences, Natural Sciences or Pest Management.
- Letter(s) from your employer(s) verifying your technical experience and time . employed if applicable for college course credit.
- Valid Certified Crop Adviser License copy.
- Agricultural Pest Control Adviser Core Course Requirements for New License Applicants, form (PR-PML-085), completion to show applicant meets minimum qualifications for the license.
- Agricultural Pest Control Adviser License Application form (PR-PML-084).
- Payment for the application and examination fees. .

Option	College degree	Core courses	Work experience	Grade point average
Option 2	Doctoral degree (i.e., Ph.D.) in one of the following areas: • Agricultural sciences • Biological sciences • Natural sciences • Pest management	None required	None required	None required

#### **Option 2 Required Documents:**

- Official college /university transcript(s) verifying PhD. in the Agricultural Sciences, Biological Sciences, Natural Sciences or Pest Management.
- Agricultural Pest Control Adviser License Application form (PR-PML-084).
- Payment for the application and examination fess.

Option	College degree	Core courses	Work experience	Grade point average
Option 3	None required	<ul> <li>42 semester or 63 quarter units in the following areas:</li> <li>Physical and biological sciences</li> <li>Crop health</li> <li>Pest management systems and methods</li> <li>Production systems</li> </ul>	24 months combined	2.0 grade point average in all core courses

#### **Option 3 Required Documents:**

- Official college/university transcript(s) to verify the core courses completed meets the 42 semester or 63 quarter units requirement.
- Letter(s) from your employer verifying your technical experience and time employed as meeting the 24 months requirement.
- Letter(s) from your employer(s) verifying your technical experience and time employed if
  applicable for college course credit. The technical experience used to fulfill the 24 months
  requirement, can not be used to meet the college credit requirement.
- Valid Certified Crop Adviser License copy for college credit if applicable.
- Agricultural Pest Control Adviser License form (PR-PML-084).
- Agricultural Pest Control Adviser Core Course Requirements for new License Applicants form (PR-PML-085) – completion to show applicant meets the minimum qualifications for the license.
- Payment of the application and examination fees.

# Work experience

The following table lists the 24 months of work experience required by Option 3.

Required time	Working as a(n)
24 months combined	<ul> <li>Assistant to a licensed agricultural pest control adviser</li> <li>Assistant to a pest management specialist (e.g., farm adviser, certified commercial applicator, certified private applicator, or licensed pest</li> </ul>
	<ul><li>control dealer)</li><li>Field sweeper, field checker, or scout</li></ul>
	<ul> <li>Participant in field or laboratory research activities relating to pest control</li> <li>Participant in agricultural pest control/management activities for a federal, state, or county entity</li> </ul>
	<ul> <li>Qualified applicator licensee in category A, C-J, or L-Q for a licensed pest control business</li> </ul>
	<ul> <li>Farm operator involved in agricultural pest control/management activities</li> <li>Assistant to or as a certified crop adviser accredited by the American Society of Agronomy</li> </ul>
12 months only (the other 12	Qualified applicator licensee in category B or K for a licensed pest control business
months must come from above)	Structural pest control operator or field representative for a registered structural pest control company

#### **Core courses** The following table lists the core courses required by Options 1 and 3.

Core area	Examples of acceptable courses	Required units			
		Sem Qtr			
Physical, biological sciences and natural sciences	<ul> <li>Inorganic chemistry</li> <li>Organic chemistry</li> <li>Biochemistry</li> <li>Plant biology or botany</li> <li>General ecology</li> <li>Biology</li> <li>Genetics</li> <li>Plant physiology</li> <li>Zoology</li> </ul>	12	18		
Crop health	<ul> <li>Soils and irrigation</li> <li>Vegetative management or weed science</li> <li>Plant pathology</li> <li>Entomology</li> <li>Plant nutrition or fertility</li> <li>Nematology</li> <li>Vertebrate management</li> <li>Senior project, internship, cooperative work experience, independent study, dissertation, or thesis (for a total of only 3 semester or 4.5 quarter units)</li> </ul> Note: A current crop adviser certificate may count towards 3 semester or 4.5 quarter units of this requirement.	9	13.5		
Pest management systems and methods (with at least one course emphasizing integrated pest management principles)	<ul> <li>Applied courses in</li> <li>Entomology</li> <li>Plant pathology</li> <li>Vegetation management or weed science</li> <li>Other pest management disciplines</li> <li>Courses related to</li> <li>Pesticides or use of pesticides</li> <li>Pest control equipment systems</li> <li>Alternative cropping systems</li> <li>Sustainable or organic agricultural systems</li> <li>Or</li> <li>Biological control</li> <li>Senior project, internship, cooperative work experience, independent study, dissertation, or thesis (for a total of only 3 semester or 4.5 quarter units)</li> </ul> Note: Related work experience may count towards 3 semester or 4.5 quarter units of this requirement.	6	9		
Production systems	<ul> <li>Horticulture</li> <li>Viticulture</li> <li>Forestry</li> <li>Agronomy</li> <li>Crop, vegetable, fruit, or animal sciences</li> <li>Other production systems (e.g., wildlife production, cattle production)</li> <li>Senior project, internship, cooperative work experience, independent study, dissertation, thesis, or enterprise project (for a total of only 3 semester or 4.5 quarter units)</li> <li>Note: Related work experience may count towards 3 semester or</li> </ul>	6	9		
<b>Flastings</b>	4.5 quarter units of this requirement. May be any course listed in the crop health, pest management	9	13.5		
Electives	systems and methods, and production systems core areas				

STATE OF CALIFORNIA DEPARTMENT OF PESTICIDE REGULATION 1001 I STREET SACRAMENTO, CA 95814-2828 Web site: http://www.cdpr.ca.gov DPR - 105 (REV. 10/03) Page 1 of 1

#### **VISA / MASTERCARD TRANSACTION**



#### **INSTRUCTIONS:**

- 1. For conducting transactions using VISA or MasterCard only. No other cards are accepted.
- 2. Complete ALL cardholder information.
- 3. If you have any questions, please call the Licensing and Certification Program at (916) 445-4038.
- 4. Mail your completed application with this form to the appropriate address below:

Licensees:

Continuing Education Sponsors:

ATTN: Cashier Department of Pesticide Regulation P.O. Box 4015 Sacramento, CA 95812-4015 Cashier ATTN: CE Department of Pesticide Regulation P.O. Box 4015 Sacramento, CA 95812-4015

#### 5. **DO NOT FAX** this form to DPR

NAME OF CARDHOLDER (NAME APPEARING ON THE BANK CARD)								CHECK ONE				TODAY'S	DATE					
													VISA		MasterCard			
BANK CARD NUMBER (16 DIGITS)											Ī		BANK CA	RD E	(PIRATION DATE	TOTAL A	MOUNT C	F PAYMEN
	· · ·															TELEPHO	)	BER

#### SIGNATURE OF CARDHOLDER (NAME APPEARING ON THE BANK CARD)

#### FOR PAYMENT OF:

NAME OF LICENSEE OR SPONSOR

#### MAILING ADDRESS (Street or P.O. Box Number)

(City, State, and ZIP Code)

(DEPARTMENT USE ONLY) - ENTERED ON POS BY:	TODAY'S DATE	DATE MAILED	BY

#### **California Environmental Protection Agency**

#### **Customer Service Survey**

Our goal is to provide you with the best possible customer service. Your feedback telling us what is going well and what needs improvement is essential to our success to better serve you. We ask that you take a moment to complete the electronic customer service survey form at <u>www.calepa.ca.gov/Customer/CSForm.asp</u>. To assure that we receive your comments, please select "Department of Pesticide Regulation" and "Division of Pest Mgmt, Environmental Monitoring, Enforcement & Licensing" on the survey form. If you do not have access to the Internet and our electronic Customer Service Survey form, please feel free to write us at:

California Department of Pesticide Regulation Pest Management and Licensing Branch P.O. Box 4015 Sacramento, CA 95812-4015

Thank you for your feedback.

#### **California Environmental Protection Agency**

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Thank you for your feedback.