

## SUGGESTED STUDY MATERIAL SOURCE LIST

### Qualified Applicator License (QAL)

Studying the suggested study material can make the difference between passing and failing Department of Pesticide Regulation (DPR) QAL examinations. The examinations are based on the study materials listed below. Options for obtaining the study material include purchasing, viewing or downloading from the web, and borrowing from public or college libraries. Some University of California (UC) Extension/Farm Advisor offices sell the material. Instructions for obtaining study material are found on page 7.

### PRIMARY STUDY MATERIAL

#### Laws, Regulations, and Basic Principles of Safe and Effective Pesticide Use (Core Exam)

Study Material	Source
<u>Knowledge Expectations: Laws, Regulations, and Basic Principles of Safe and Effective Pesticide Use (Core exam).</u>	<ul style="list-style-type: none"> <li>DPR online: <a href="http://www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_r.pdf">www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_r.pdf</a></li> </ul>
<u>Laws and Regulations Study Guide, Second Edition.</u> A.R. Gallo, 2011.	<ul style="list-style-type: none"> <li>DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/pubs/laws_regs_study_guide.pdf">http://www.cdpr.ca.gov/docs/license/pubs/laws_regs_study_guide.pdf</a></li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> University of California Integrated Pest Management (UC IPM) Program, 2016.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>

#### Residential, Industrial, and Institutional (Category A)

Study Material	Source
<u>Knowledge Expectations: Residential, Industrial, and Institutional (Category A).</u>	<ul style="list-style-type: none"> <li>DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_a_qal.pdf">www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_a_qal.pdf</a></li> </ul>
<u>Residential, Industrial, and Institutional Pest Control, Second Edition.</u> P.J. O'Connor-Marer, 2006.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>

#### Landscape Maintenance (Category B)

Study Material	Source
<u>Knowledge Expectations: Landscape Maintenance (Category B).</u>	<ul style="list-style-type: none"> <li>DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_b_qal.pdf">www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_b_qal.pdf</a></li> </ul>
<u>Landscape Maintenance Pest Control.</u> P.J. O'Connor-Marer, 2006.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>

**Suggested Study Material Source List – Qualified Applicator License (QAL)**

**Right-of-Way (Category C)**

<b>Study Material</b>	<b>Source</b>
<u>Knowledge Expectations: Right-of-Way Pest Control Category C).</u>	<ul style="list-style-type: none"> <li>DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_c.pdf">www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_c.pdf</a></li> </ul>
<u>Forest and Right-of-Way Pest Control.</u> S.H. Dreistadt, 2013.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>

**Plant Agriculture (Category D)**

<b>Study Material</b>	<b>Source</b>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>

**Forest (Category E)**

<b>Study Material</b>	<b>Source</b>
<u>Knowledge Expectations: Forest Pest Control Category E).</u>	<ul style="list-style-type: none"> <li>DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_e.pdf">www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_e.pdf</a></li> </ul>
<u>Forest and Right-of-Way Pest Control.</u> S.H. Dreistadt, 2013.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>

**Aquatic (Category F)**

<b>Study Material</b>	<b>Source</b>
<u>Aquatic Pest Control.</u> P.J. O'Connor-Marer and K.K. Garvey, 2001.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>

**Regulatory (Category G)**

<b>Study Material</b>	<b>Source</b>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>California Food and Agriculture Code (FAC), Division 6, Division 7, &amp; Division 13.</u>	<ul style="list-style-type: none"> <li>DPR, online: <a href="http://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=FAC&amp;tocTitle=+Food+and+Agricultural+Code++FAC">http://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=FAC&amp;tocTitle=+Food+and+Agricultural+Code++FAC</a></li> </ul>
<u>Plant Quarantine Manual.</u>	<ul style="list-style-type: none"> <li>CDFA, online: <a href="http://pi.cdffa.ca.gov/pqm/manual/htm/pqm_index.htm">http://pi.cdffa.ca.gov/pqm/manual/htm/pqm_index.htm</a></li> </ul>

**Seed Treatment (Category H)**

<b>Study Material</b>	<b>Source</b>
<u>Seed Treatment.</u> E.L. Foland, Kansas State University, 1997.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>

**Suggested Study Material Source List – Qualified Applicator License (QAL)**

**Animal Agriculture (Category I)**

<b>Study Material</b>	<b>Source</b>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>
<u>Prevention and Control of Wildlife Damage.</u> S.E. Hygnstrom, R.M. Timm, and G.E. Larson, University of Nebraska Cooperative Extension, 1994.	<ul style="list-style-type: none"> <li>• Online: <a href="http://icwdm.org/handbook">http://icwdm.org/handbook</a></li> </ul>

**Demonstration and Research (Category J)**

<b>Study Material</b>	<b>Source</b>
<u>Knowledge Expectations: Demonstration and Research (Category J).</u>	<ul style="list-style-type: none"> <li>• DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_j_qal.pdf">www.cdpr.ca.gov/docs/license/studymat/knowledge_cat_j_qal.pdf</a></li> </ul>
<u>Demonstration and Research Uses of Pesticides.</u> D. Clarke, 2003.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>
<u>Laws and Regulations Study Guide, Second Edition.</u> A.R. Gallo, 2011.	<ul style="list-style-type: none"> <li>• DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/pubs/laws_regs_study_guide.pdf">http://www.cdpr.ca.gov/docs/license/pubs/laws_regs_study_guide.pdf</a></li> </ul>
<u>Title 3, California Code of Regulations, Division 6, Sections 6260, 6261, 6262, 6263, 6264, 6266, 6268, 6270, 6272, 6602, 6618, 6619, 6761.1</u>	<ul style="list-style-type: none"> <li>• DPR, online: <a href="http://www.cdpr.ca.gov/docs/legbills/calcode/chapter_.htm">http://www.cdpr.ca.gov/docs/legbills/calcode/chapter_.htm</a></li> </ul>

**Health Related (Category K)**

<b>Study Material</b>	<b>Source</b>
<u>Residential, Industrial, and Institutional Pest Control, Second Edition.</u> P.J. O'Connor-Marer, 2006	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>
<u>Additional website information that may be helpful.</u>	<ul style="list-style-type: none"> <li>• <a href="http://www.cdpr.ca.gov/docs/dept/factshts/epadoc.htm">www.cdpr.ca.gov/docs/dept/factshts/epadoc.htm</a></li> <li>• <a href="http://www.ipm.ucanr.edu/PMG/PESTNOTES/mosquitofarm12.html">www.ipm.ucanr.edu/PMG/PESTNOTES/mosquitofarm12.html</a></li> <li>• <a href="http://www.ipm.ucanr.edu/PMG/r7600211.html">www.ipm.ucanr.edu/PMG/r7600211.html</a></li> <li>• <a href="http://www.ipm.ucdavis.edu/PMG/PESTNOTES/">www.ipm.ucdavis.edu/PMG/PESTNOTES/</a></li> <li>• <a href="http://www.epa.gov/mosquitocontrol">www.epa.gov/mosquitocontrol</a></li> <li>• <a href="http://www.epa.gov/reducing-pesticide-drift/introduction-pesticide-drift">www.epa.gov/reducing-pesticide-drift/introduction-pesticide-drift</a></li> <li>• <a href="http://www.epa.gov/sites/production/files/documents/Module05.pdf">www.epa.gov/sites/production/files/documents/Module05.pdf</a></li> <li>• <a href="https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/CatB-BiologyandControlofMosquitoesinCA.pdf">https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/CatB-BiologyandControlofMosquitoesinCA.pdf</a></li> <li>• <a href="https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/Hepatitis-A.aspx">https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/Immunization/Hepatitis-A.aspx</a></li> </ul>

**Suggested Study Material Source List – Qualified Applicator License (QAL)**

**Wood Preservation (Category L)**

<b>Study Material</b>	<b>Source</b>
<u>Wood Preservation</u> . P.J. O’Connor-Marer and M. Grimes, 1992.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition</u> . UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>

**Antifouling Paints or Coatings Containing Tributyltin (Category M)**

<b>Study Material</b>	<b>Source</b>
<u>Certification Training for Safe Handling and Use of Antifouling Paints Containing Tributyltin (TBT)</u> . National Paint and Coatings Association revised 2001.	<ul style="list-style-type: none"> <li>• DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/studymat/boat_antifouling_paint.pdf">www.cdpr.ca.gov/docs/license/studymat/boat_antifouling_paint.pdf</a></li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition</u> . UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>
<u>Title 3, California Code of Regulations, Section 6488 Antifouling Paints or Coatings Containing Tributyltin</u> .	<ul style="list-style-type: none"> <li>• DPR, online: <a href="http://www.cdpr.ca.gov/docs/legbills/calcode/020404.htm#a6488">http://www.cdpr.ca.gov/docs/legbills/calcode/020404.htm#a6488</a></li> </ul>
<u>Title 3, California Code of Regulations, Section 6489 Tributyltin Paint and/or Coating Additives</u> .	<ul style="list-style-type: none"> <li>• DPR online: <a href="http://cdpr.ca.gov/docs/legbills/calcode/020404.htm#6489">http://cdpr.ca.gov/docs/legbills/calcode/020404.htm#6489</a></li> </ul>

**Sewer Line Root Control (Category N)**

<b>Study Material</b>	<b>Source</b>
<u>Sewer Line Root Control</u> . P.J. Marer, 1996.	<ul style="list-style-type: none"> <li>• DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/pubs/sewline.pdf">http://www.cdpr.ca.gov/docs/license/pubs/sewline.pdf</a></li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition</u> . UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>

**Field Fumigation (Category O)**

<b>Study Material</b>	<b>Source</b>
<u>Knowledge Expectations: Field Fumigation Pest Control (Category O)</u> .	<ul style="list-style-type: none"> <li>• DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/studymat/knowledge_subcat_o.pdf">www.cdpr.ca.gov/docs/license/studymat/knowledge_subcat_o.pdf</a></li> </ul>
<u>Field Fumigation Study Guide</u> . S. Cohen and T.A. Martin, 2009.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>
<u>Addendum to the Field Fumigation Study Guide</u> . DPR, 2011.	<ul style="list-style-type: none"> <li>• DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/pubs/fieldfum_study_guide_addendum.pdf">http://www.cdpr.ca.gov/docs/license/pubs/fieldfum_study_guide_addendum.pdf</a></li> </ul>
<u>The Safe and Effective Use of Pesticides, Third Edition</u> . UC IPM Program, 2016.	<ul style="list-style-type: none"> <li>• UC, see page 7.</li> </ul>

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**Microbial Pest Control (Category P)**

<b>Study Material</b>	<b>Source</b>
<u>Knowledge Expectations: Microbial Pest Control (Subcategory P).</u>	<ul style="list-style-type: none"><li>• DPR, online: <a href="http://www.cdpr.ca.gov/docs/license/studymat/knowledge_subcat_p.pdf">www.cdpr.ca.gov/docs/license/studymat/knowledge_subcat_p.pdf</a></li></ul>
<u>Microbial Pest Control Study Guide.</u> P.J. O'Connor-Marer, 2011.	<ul style="list-style-type: none"><li>• DPR, see page 7.</li></ul>
<u>The Safe and Effective Use of Pesticides, Third Edition.</u> UC IPM Program, 2016.	<ul style="list-style-type: none"><li>• UC, see page 7.</li></ul>

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**SUPPLEMENTAL QAL EXAMS STUDY MATERIAL**

The QAL examinations are based on the primary suggested study material. It is highly recommended that the primary materials be studied to prepare for the examinations. The supplemental study material listed below *may* offer some additional help.

<b>Study Material</b>	<b>Source</b>
Qualified Applicator License Application Packet	<ul style="list-style-type: none"> <li>DPR online: <a href="http://www.cdpr.ca.gov/docs/license/app_packets/qal.pdf">www.cdpr.ca.gov/docs/license/app_packets/qal.pdf</a></li> </ul>
California Food and Agricultural Code, Divisions 6, 7, and 13.	<ul style="list-style-type: none"> <li>DPR, online: <a href="https://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=FAC">https://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=FAC</a></li> </ul>
Title 3, California Code of Regulations, Division 6.	<ul style="list-style-type: none"> <li>DPR, online: <a href="http://www.cdpr.ca.gov/docs/legbills/calcode/chapter_.htm">http://www.cdpr.ca.gov/docs/legbills/calcode/chapter_.htm</a></li> </ul>
<u>Harvest Aid Materials and Practices for California Cotton</u> . R.B. Hutmacher, R.N. Vargas, S.D. Wright, and B.A. Roberts, 2003.	<ul style="list-style-type: none"> <li>UC, online: <a href="http://anrcatalog.ucanr.edu/pdf/4043e.pdf">http://anrcatalog.ucanr.edu/pdf/4043e.pdf</a></li> </ul>
<u>Herbicide Handbook of the Weed Science, Society of America 7<sup>th</sup> Edition</u> . The Weed Science Society of America, 1994.	<ul style="list-style-type: none"> <li>Book sellers</li> <li>Libraries</li> </ul>
<u>IPM in Practice, Principles and Methods of Integrated Pest Management, Second Edition</u> . M.L. Flint, 2012.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>Landscape Pest Identification Cards</u> . L. Strand, 2009.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>Natural Enemies Handbook: The Illustrated Guide to Biological Control</u> . M.L. Flint and S.H. Dreistadt, 1998.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>Pests of Landscape Trees and Shrubs</u> . S.H. Dreistadt, 2004.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>Plant Growth Regulators, Revised Edition</u> . University of California Agricultural and Natural Resources, 2003.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>Plants Indoors: Selections for Various Environmental Conditions</u> . Tokuji Furuta, 1976.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>Weeds of California and Other Western States</u> . J.M. DiTomaso and E. A. Healy, 2007.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>Principles of Weed Control, Fourth Edition</u> . California Weed Science Society, 2014.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>
<u>Weeds of the West, New Revised Edition</u> . Western Society of Weed Science, 2012.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> <li>Book sellers.</li> <li>Libraries.</li> </ul>
<u>Wildlife Pest Control Around Gardens and Homes, Second Edition</u> . T.P. Salmon, 2006.	<ul style="list-style-type: none"> <li>UC, see page 7.</li> </ul>

**OBTAINING STUDY MATERIALS from the  
University of California and the Department of Pesticide Regulation**

**UNIVERSITY OF CALIFORNIA**

1. Order UC publications:
  - a. Online: [www.anrcatalog.ucanr.edu](http://www.anrcatalog.ucanr.edu),
  - b. By phone: (800) 994-8849 or (510) 665-2195; or
  - c. Contact the local University of California Cooperative Extension/County Farm Advisor office.
2. Contact information for University of California, Agriculture & Natural Resources publications:  
Communication Services  
University of California, Agriculture & Natural Resources  
1301 S. 46<sup>th</sup> Street  
Building 478 – MC 3580  
Richmond, CA 94804  
(800) 994-8849 or (510) 665-2195.

**DEPARTMENT OF PESTICIDE REGULATION**

1. Order DPR publications by mail:
  - a. Complete the Video/Publication Order Form, available at <http://www.cdpr.ca.gov/docs/dept/dpr003.pdf>, or
  - b. Complete a hand-written request **including** the DPR publication number(s), found in the order form.
  - c. Mail request to:  
Department of Pesticide Regulation  
Attn: Cashier  
P.O. Box 4015  
Sacramento, CA 95812-4015
2. Contact the Cashier Office if you have any questions about ordering publications:  
(916) 323-3885.