Licensure Exam for Agriculture
Reviewer

Crop Science
Crop Protection
Soil Science
Animal Science
Agricultural Economics and Marketing
Agricultural and Communication
I would like to congratulate and commend the primemovers in the preparation of the REVIEWER for the Licensure Examination for Agriculturists. Certainly, this is a manifestation of your commitment to contribute in upgrading the agriculture profession and the professionalization of agriculturists through a program of continuing professional development.

Undoubtedly, the material will provide the much needed assistance of the mentors in guiding their students and reviewees in preparing for the exam. It is envisioned that the reviewers/reviewees will find this reference material useful, important, and relevant as this reflects the competencies desired of an agriculturist.

I hope you will continue to have the enthusiasm and sincere desire to help in making agriculture as a profession.

More power to all of you!

RODOLFO C. UNDAN, Ph.D.
President, CLSU
ACKNOWLEDGMENT

This reviewer could not have been conceived and completed without the cooperation of the faculty members of the College of Agriculture at Central Luzon State University (CLSU).

We would like to extend our deepest gratitude and appreciation:

To those who painstakingly prepared the questions and to those who encoded the reviewer;

To those who will find this useful and relevant;

To those who will serve as material endorsers of this reference material, and

Above all, to the Almighty God, for the so many blessings in life that made us more committed to help others.

THE COORDINATORS
WHO CAN HAVE THE AGRICULTURISTS LICENSE AND WHAT DOCUMENTS TO SUBMIT

A. FOR THOSE WHO WILL TAKE THE WRITTEN EXAM

I. Qualifications: (Sec. 26, Res. No. 02, Series 2002)

a. He/She is a citizen of the Philippines
b. He/She is of good moral character
c. He/She must not have been convicted in a final judgment of a crime involving moral turpitude
d. He/She is a graduate of Bachelor's degree in Agriculture (General Course) or a graduate of the degree of Bachelor of Science in Agriculture, major in any of the following: Agricultural Administration, Agricultural Chemistry, Agricultural Economics, Agricultural Extension and Communication, Agricultural Statistics, Agricultural Technology, Animal Husbandry, Animal Science, Biological Science, Crop Protection, Crop Science, Agronomy, Entomology, Food Technology, Horticulture, Plant Breeding, Plant Pathology, Postharvest Technology or Soil Science from a school, college or university established or recognized by the government; Provided, that a Filipino citizen who graduated from a foreign educational institution desiring to take the Licensure Examination for Agriculturist shall be required to present an endorsement from the Commission on Higher Education (CHED) showing that the curriculum content of the degree/program taken by the applicant abroad is substantially the same as the curriculum content of the degree/program in the Philippines in order that he will be allowed to take the examination.

II. Documents to be Submitted:

a. Original and photo/xerox copies of Birth Certificate;
b. Original and photo/xerox copies of Transcript of Records with Special Order (B), for graduates in private schools. Provided that a Filipino citizen who graduated abroad desiring to take the Licensure Examination for Agriculturist shall be required to submit an endorsement from Commissioner on Higher Education (CHED) showing that the curriculum content of the degree/program taken by the applicant abroad is substantially the same as the curriculum content of the degree/program in the Philippines;
c. Certification of good moral character (Barangay, Parish Priest or Employer/School); and
d. Original and photo/xerox copies of marriage certificate (for married female).
B. REGISTRATION OF AGRICULTURISTS WITHOUT EXAMINATION

I. Qualifications: (Sec. 39, Res. No. 02, Series of 2002)

   Category A. The applicant is a graduate of any of the following degrees in Agriculture, namely:

   Bachelor of Science in Agriculture (General Course)
   Bachelor of Science in Agricultural Administration
   Bachelor of Science in Agricultural Chemistry
   Bachelor of Science in Agricultural Education
   Bachelor of Science in Agricultural Extension
   Bachelor of Science in Agricultural Extension and Communication
   Bachelor of Science in Agricultural Technology
   Bachelor of Science in Agricultural Statistics
   Bachelor of Science in Agronomy
   Bachelor of Science in Animal Husbandry
   Bachelor of Science in Food Technology
   Bachelor of Science in Agriculture, major in any of the following:

   Agribusiness, Agricultural Administration, Agricultural Chemistry, Agricultural Economics, Agricultural Education, Agricultural Extension, Agricultural Marketing, Agricultural Statistics, Agronomy, Animal Science, Biological Science, Crop Protection, Crop Science, Entomology, Food Technology, Horticulture, Plant Breeding, Plant Pathology, Postharvest Technology, Soil Science from a school, college or university established or recognized by the Government.

   Provided, that the applicant has served the agriculture industry in either the government or private sector for not less than five (5) years. Provided, further, that the educational qualification and service in the agriculture industry of the applicant have been obtained, acquired or earned and rendered, respectively, before the effectivity of R.A. No. 8435. (December 25, 2002).

   Category B. The applicant has obtained any of the following degrees, namely:

   a. Bachelor of Science in Zoology
   b. Bachelor of Science in Botany
   c. Bachelor of Science in Economics
   d. Bachelor of Science in Commerce
   e. Bachelor of Science in Business Administration
   f. Bachelor of Science in Medical Technology
   g. Bachelor of Science in Chemistry
   h. Bachelor of Science in Pharmacy
   i. Bachelor of Science in Chemical Engineering
   j. Bachelor of Science in Nutrition and Dietetics
   k. Bachelor of Science in Statistics
1. Bachelor of Science in Agricultural Engineering
2. Bachelor of Science in Biology
3. Bachelor of Science in Food Technology, or
4. Bachelor of Science in Education, or

A master’s degree (without a bachelor’s degree in Agriculture), major in any of the following fields of specialization in Agriculture, Crop Science, Soil Science, Crop Protection, Animal Science, Agricultural Economics and Marketing; and Agricultural Extension and Communication; from a school, college or university recognized or established by the Government; provided, that the applicant in this Category has earned at least eighteen (18) units of agriculture subjects in any of the fields of specialization in Agriculture and has served the agriculture industry in either government or private sector for not less than five (5) years. Provided, further, that the educational qualification, and service in the agriculture industry of the applicant have been obtained, acquired or earned and rendered, respectively, before the effectivity of RA No. 8435 (December 25, 2002).

Category C. The applicant has obtained a doctorate degree, major in any of the fields of specialization in Agriculture, from a school, college or university abroad, and has accomplished the following and has served the agriculture industry for at least (5) years; provided, that the educational qualification, and service in the agriculture industry of the applicant have obtained, acquired or earned and rendered, respectively, before the effectivity of RA 8435 (December 25, 2002).

II. Documentary Requirements:

1. Original and photo/xerox copies of Birth Certificate;
2. Original and photo/xerox copies of Transcript of Records with Special Order (B), for graduates in private schools, if doctorate degree in Agriculture is obtained abroad, a certificate stating that the college or university has been recognized or authorized to operate;
3. If employed in the Government, original and certified copy of service record, if employed in the private sector, a certification under oath issued by the authorized official/officer of the firm, copy, association or corporation engaged in the agriculture industry showing that the applicant has served for at least (5) years in a position which requires services of a graduate of baccalaureate degree in Agriculture or
4. Certification under oath of the authorized official/officer of a private school, college or university showing that the applicant has served for at least five (5) years as faculty member/instructor and has taught subjects in Agriculture;
5. NBI Clearance issued not earlier than six (6) months prior to the filing of the application;
6. Ombudsman Clearance, if applicant is employed in the government;
7. Certification of good moral character (Barangay, Parish Priest, or Employer/School); and
8. Original and photo/Xerox copies of Marriage Contract (for married female).
TIPS FOR THOSE WHO WILL TAKE THE WRITTEN EXAM

A. General Tips Long Before the Examination

1. Be conscientious students while still in school. Be prepared always study your lessons everyday. Do not cram during exams. Participate fully in the hands-on activities in the school as this will enhance your learning process.

2. Read as many reference materials as you can related to the areas covered. Even reading newspapers, primers and journals may help you updated on specific topics.

3. Keep your books and notes together while still in school so that you have something to review before the exam.

B. Few months before the Examination

1. Know the scope and coverage of the examination.

2. Prepare for the exam early. Go back to your old books and notes. Review them by giving more time to areas which you do not know very well.

3. Allot time for regular review of each area.

4. Know and locate the place of your exam as soon as you receive the notice. If the place is not familiar to you, try to go there in advance.

C. Before and on the day of Examination

1. Get ready with everything that you need to take with you early enough before going to bed.

2. Relax the night before the test. Go to bed early and get a good sleep.

3. Get up early enough to make a leisurely trip to your examination center. Give lead time for traffic and other unforeseen events.

4. Wear clothes that make you feel comfortable and confident.

5. Locate your examination room.

D. During the Examination

1. Try to relax.

2. Listen to and read instructions carefully.
# Table of Contents

Foreword, iii  
Acknowledgement, v  
Who Can Have the Agriculturists License and What Documents to Submit, vii  
Tips for Those Who will Take the Written Exam, xi  
Practice Test in Crop Science, 3  
Practice Test in Crop Protection, 31  
Practice Test in Soil Science, 57  
Practice Test in Animal Science, 83  
Practice Test in Agricultural Economics and Marketing, 109  
Practice Test in Agricultural Extension and Communication, 183  
Answer Key, 179
3. Read questions quickly with comprehension.

4. Do not spend too much time on difficult questions. Answer easy questions first. Then, go back to difficult ones and try again.

5. Do not leave questions unanswered. Try to answer them by using your intuition to give your best guess.

6. Mark only one answer for each question. If you need to change your answer, erase your previous answer completely.