



ASHS CERTIFIED HORTICULTURIST

a program of the
**American Society
for Horticultural Science**

Candidate Handbook

American Society for Horticultural Science
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The ASHS Certified Horticulturist

The American Society for Horticultural Science Certified Horticulturist (ASHS-CH) professional certification program is the national credential validating the knowledge and skills of working horticultural practitioners in the industry of horticulture. The ASHS-CH designation provides employers, governmental agencies, members of the horticultural industry and the public with the assurance that certified individuals possess the necessary skills, knowledge and experience to competently perform the duties of a working horticulturist.

Goals of Certification

The ASHS Certified Horticulturist professional certification program aspires to the following goals:

- 1) To promote horticultural industry standards and to provide a means to verify professional competence in the field of horticulture.
- 2) To identify professionals who demonstrate an established level of knowledge, skills and expertise in the field of horticulture and to provide prospective employers and members of the public with a means to identify qualified horticulturists.
- 3) To provide horticulturists with the opportunity to validate their professional competency.
- 4) To raise awareness and confidence in the field of horticulture and to acknowledge a commitment to the public and government to foster quality horticultural services.
- 5) To enhance knowledge and skills in the profession through continuing education and recertification requirements.

Benefits of the ASHS Certified Horticulturist Program

- 1) Certification advances the development of knowledge and skills in the field of horticulture.
- 2) Certification provides a basis for trusting the

horticulturist's work and abilities.

- 3) Certification allows competent horticulturists to distinguish themselves from others in the profession.
- 4) Certification affords the public and those in government and industry the opportunity to make an informed selection of services based on the competence represented by the certification designation.
- 5) Certification provides more leaders in the field of horticulture.
- 6) The process of becoming certified and maintaining certification provides incentives to the horticulturist to continue his or her ongoing professional development.
- 7) Certification enables standards and practices in horticulture to be clarified, organized, codified, and publicized.
- 8) Certification promotes best practices in the field of horticulture.

The Role of the Certified Horticulturist

The American Society for Horticultural Science Certified Horticulturist (ASHS-CH) is an individual employed as a producer, advisor, educator or supplier involved in the production, maintenance, selling, servicing or support of the fruit, vegetable and green industries. Organizations employing ASHS Certified Horticulturists are located the United States of America and include, but are not limited to,

- greenhouses
- nurseries
- fruit and tree nut production companies
- plant propagation and liner production companies



- seed companies
- sod production companies
- vegetable production companies
- commercial horticultural scouts (including pest scouts)
- plant pest control advisors
- cooperative extension
- crop protection companies
- horticultural consultants
- horticultural suppliers
- fertilizer companies
- city or county governments
- publishers of periodicals and other gardening media
- floral shops
- conservation and mitigation companies
- garden and landscape centers
- golf courses and sports fields
- resorts and attractions
- landscape and garden design and installation companies
- landscape and turf maintenance firms
- botanic gardens and arboreta
- public and private parks and gardens
- tree care firms.

ASHS Certified Horticulturists have demonstrated proficiency and experience in the hor-

ticultural business and professional arenas. The responsibilities of ASHS Certified Horticulturists may include, but are not limited to, plant selection and culture, plant identification, weed, insect and disease identification and control, irrigation, plant nutrition, media management, landscape design, landscape installation, plant propagation and postharvest management. ASHS Certified Horticulturists are also often responsible for business and human resource management, research and development, inventory management, sales and customer service, and community outreach. ASHS Certified Horticulturists possess the skills required to communicate with, educate, and provide advice to the public, customers, suppliers, peers and management on professional topics related to their horticultural responsibilities. ASHS Certified Horticulturists may have developed their skills through educational programs or professional experience, and may work for their organizations as employees or managers. They are expected to perform the tasks of their profession with minimal assistance from others and conduct themselves according to the ethical and environmental standards of the profession.



The ASHS Certified Horticulturist Examination

How the Examination was Developed

The ASHS Certified Horticulturist professional certification examination was developed by a panel of industry experts representing all aspects of horticulture using processes developed by Minds in Action, Inc., a professional test development consulting firm. The standards for certification were developed during a Job Task Analysis Workshop attended by horticultural professionals from throughout the United States. These standards were validated through a survey that ranked the frequency, criticality, and relative importance of tasks performed by horticultural professionals. Based on these activities, a professional certification blueprint was developed, identifying the tasks performed by horticultural professionals and the knowledge and skills required to effectively perform the identified tasks. Using the blueprint as the foundation, a group of subject matter experts created the test items used in the examination. Each test item was then reviewed a minimum of three times by other groups of subject matter experts in a series of review workshops.

The contents of the ASHS Certified Horticulturist examination are continually reviewed. Using statistical analysis, test items are constantly assessed to ensure that they validly and reliably assess the competence of horticultural professionals. The standards used to evaluate competence in the profession are also regularly reviewed to ensure that the examination content is current, valid and representative of the responsibilities of horticultural professionals.

The Format of the Examination

The ASHS Certified Horticulturist test is an objective examination consisting of 200 multiple-choice test items. Each item has four answer options listed, only one of which is correct. The correct response to each item can be derived independently of the correct response to any other test item.



Candidates will have four hours in which to complete the examination. It is always advisable to first answer the questions that are easy for you, skipping over questions to which you may need to return to give more thought. Because there is no extra penalty for answering a question incorrectly, you should make a best guess to the correct response of a test item in which you do not feel totally confident. Working in this manner, you should have no trouble completing the examination in the allotted four hours.

Attainment of Certification

If you achieve the passing score and meet all other requirements, you will receive the designation of ASHS Certified Horticulturist and will be sent a certificate and an identification card.

You must receive an overall score of 71% to pass the examination. If you do NOT achieve a passing score, you may retake the examination *one time* for a fee of \$100 within one year of the original test date. For subsequent examinations, or for a time period exceeding one year from the original test date, you must again pay the full examination fee of \$160 for members of ASHS or \$235 for non-members.

Denial and Revocation of Certification

ASHS Certified Horticulturists are expected to uphold the highest standards of the profession and serve as examples of exemplary horticulturists. In order to maintain the reputation and confidence of the ASHS Certified Horticulturist credential, certification may be denied or



revoked for any of the following reasons by the ASHS Certification Board:

- Falsification of the certification application.
- Violation of testing procedures, including cheating on the examination or revealing the contents of the examination to others.
- Any form of misrepresentation.
- Failure to pass the certification examination or failure to meet any of the other eligibility requirements.
- Failure to recertify after the initial three-year certification period.
- Violating the ASHS Certified Horticulturist code of ethics.
- Criminal convictions or civil judgments that may cast doubt upon your integrity or ability.

Denials or revocations of certification may be appealed to the ASHS Certification Board in writing.

Contents of the ASHS Certified Horticulturist Examination

The ASHS Certified Horticulturist certification examination will assess an individual's knowledge and skills in performing 35 tasks in seven major categories, as detailed below:

- **Landscape Design and Maintenance .. 14.5%**
- **Production of Fruits, Vegetables, Turf and Ornamental Plants 19.5%**

- **Shipping and Handling of Final Product ... 8.5%**
- **Propagation 9%**
- **Monitoring and Testing 10%**
- **Diagnosing and Managing Plant Problems 25%**
- **Business Practices 13.5%**

A detailed Study Outline of all 35 tasks in the seven categories, including sample questions, is available at no charge on the ASHS website (ashs.org). A Study Guide available for purchase is in development.

Certification candidates will be required to demonstrate proficiency in this test by answering questions that evaluate their knowledge of facts, concepts, and processes that are required to complete each of the above tasks. The certification examination will assess an individual's competence by evaluating their knowledge and skills through the mastery of a set of the objectives listed in the Study Outline. It is recommended that certification candidates ensure that they have studied and mastered each of the objectives in the Study Outline before sitting for the examination.

The ASHS Certified Horticulturist examination is designed to validate the knowledge and skills of experienced, working horticulturists. The test has been designed so that it will be very difficult to pass the examination through study alone. Passing the examination will require practical knowledge and skills gained through experience in the profession.

There are no trick questions on the examination. The examination is designed to evaluate an individual's ability to perform the tasks of the profession of horticulture, not an individual's study or memorization skills. Individuals with broad, working knowledge and experience in the field of horticulture should have no problem passing the examination. Individuals without experience in the field of horticulture will have difficulty passing the examination, regardless of the amount of studying they do.

There are currently no formal training programs designed to prepare individuals to take



the examination. In the future, training programs and other preparation materials may be made available by ASHS or other organizations. Completion of these preparation materials will not guarantee success on the examination. Success can only be assured by practical experience in the field of horticulture and mastery of the objectives listed in the Contents of the ASHS Certified Horticulturist Examination section of this handbook.

Applying for the ASHS Certified Horticulturist Examination

Eligibility Requirements

Candidates for the ASHS Certified Horticulturist credential must meet ONE of the following eligibility routes before submitting their application. By submitting your application, you authorize ASHS to contact listed references or perform other audits to verify your eligibility.

- 1) You must be employed full-time in the field of horticulture and have a minimum of three (3) years of paid full-time experience in horticulture, OR
- 2) You must be employed full-time in the field of horticulture, possess a two-year degree in a horticultural field and have two (2) years of paid full-time experience in horticulture, OR
- 3) You must be employed full-time in the field of horticulture, possess a four-year degree in a horticultural field and have one (1) year of paid full-time experience in horticulture.

Candidates must also sign and agree to abide

by the ASHS Certified Horticulturist Code of Ethics.

Statement of Non-discrimination

The ASHS Certified Horticulturist program does not discriminate against any individual or entity on the basis of race, color, religion, gender, national origin, age, disability, nationality or any other characteristic prohibited by law. All individuals submitting an application will be judged solely on the published criteria for the credential. Candidates are not required to be a member of any organization to apply for, or earn, the ASHS Certified Horticulturist credential.

Recertification

Recertification is required to assure continued competence through the ongoing enhancement of knowledge and skills in the field of horticulture. The ASHS Certified Horticulturist credential is valid for three (3) years. To maintain your certification, you must recertify every three (3) years. In order to maintain the ASHS Certified Horticulturist credential, you must have accumulated at least 30 continuing education units (CEUs) in the field of horticulture by the end of the three-year period and pay the renewal fee (currently \$100 for ASHS members and \$150 for non-members).

Renewal dates always occur on the three-year anniversary of when certification was granted. You will be notified two months before it is time to renew your certification, and a final notice of renewal will be sent one month prior to the renewal deadline. If you do not accumulate the necessary number of CEUs and make your recertification payment, your certification credential will expire. In order to regain your certification, you will need to retake the examination and meet all other eligibility requirements in effect at the time of recertification.

You are responsible for keeping the original documents of all CEUs sent to ASHS.

Details on eligible CEU activities and instructions and the CEU reporting form are available on the ASHS-CH website.

Test Dates and Application Deadlines

ASHS Certified Horticulturist examinations are offered at various times of the year around the United States. Examination dates may be found by visiting the ASHS-CH web site. Applications and proper payment must be received by ASHS no later than fourteen (14) calendar days before a scheduled examination. There will be no exceptions to this requirement.

Accommodations for Candidates with Disabilities

ASHS complies with the American with Disabilities Act in order to accommodate candidates with special needs. Candidate with documented physical, visual, hearing, or learning disabilities that would prevent them from taking the examination under standard conditions may request special testing accommodations and arrangements. Special needs must be documented in writing by the candidate's doctor or other qualified professional on official letterhead. This written documentation must accompany the certification application. Requests for special

accommodations must be received at least eight (8) weeks prior to the testing date.

Instructions for Completing and Submitting Your Certification Application

- 1) Print your first name, middle initial, and your last name.
- 2) Print your mailing address. The address you indicate will be used for all future correspondence by ASHS.
- 3) Print your phone number, cell number, fax number (if applicable), and e-mail address.
- 4) Check yes if you are a member of ASHS. You may check yes if you enclose an ASHS membership application and all of the necessary fees for membership to ASHS. You may also go online and join ASHS through the online application form (<http://shop.ashs.org/home.php?cat=260>).
- 5) Write the date of the desired scheduled examination. *Do not submit an application without choosing an examination date.*
6. Write the location of the scheduled examination.



- 7) If you are requesting special accommodations, include your requirements with the application. Special needs must be documented in writing by the candidate's doctor or other qualified professional on official letterhead. Remember that special needs must be requested at least eight (8) weeks prior to the date of the application. Please contact ASHS if you need any further details regarding special accommodations.
- 8) Check the box reflecting your level of paid practical experience and educational attainment.
- 9) Completely fill out the educational experience section. Be sure to complete the degree, major, enrolment dates and total time because the information you provide can apply to your overall experience requirements, if applicable.
- 10) Complete the employment history section, listing your practical horticultural employment experience, including employment dates. If this section is not completed correctly, your application will not be accepted.
- 11) Indicate if you do NOT want your name to appear in ASHS Certified Horticulturist lists.
- 12) Include the appropriate fees with your application. If you are applying for ASHS membership, you may pay the member rate, but a membership application or notification that you joined online must accompany the certification application. You may pay both fees with one check or credit card. Please note that the ASHS certification fee is separate and distinct from ASHS membership dues. Accepted credit cards include MasterCard, VISA and American Express.
- 13) Sign and date the ASHS Certified Horticulturist Code of Ethics and include with your application.
- 14) Sign and date the certification application.

If you have any further questions while you are completing the certification application, please contact the ASHS Certification Department at (703) 836-4606 or e-mail ashsch@ashs.org. If you require any further information on ASHS or ASHS certifications, you may access the ASHS web site (ashs.org).



FEES		
	ASHS Member	Nonmember
Exam	\$160 USD	\$235 USD
Recertification	\$100 USD	\$150 USD

After Applying for the Examination

After your application is received in the ASHS office, you will receive a confirmation letter with the date and time of the examination, directions to the examination site and the name of the appropriate contact person. If there is a problem with the application and/or fees, the ASHS certification staff will contact you. If the problem is NOT corrected, you will NOT be allowed to sit for the examination.

Rescheduling Exams

If circumstances change after you have applied for the examination, you must request in writing to have your exam rescheduled. In an emergency situation, this request may be faxed to ASHS Headquarters, followed up with a copy sent via mail. If your request does not reach ASHS Headquarters before the exam deadline date, you will be considered a no-show. Send your written request to the ASHS certification staff before the 14-day deadline.

Refunds

ASHS does not provide refunds for certification exam fees, nor do we permit the transfer of exam fees to other individuals. No exceptions.

AT THE TESTING SITE

Admission for Testing

To be admitted for testing, you must arrive at

the testing site on time and have your identify confirmed by presentation of a government-issued photo ID. Accepted methods of identification may include a driver's license containing a photograph, a military photo ID, passport, or other government-issued photo ID.

Testing Site Rules

- You must report to the testing site at least 30 minutes before the exam starting time. The exact reporting time, date and location of the examination will be enclosed in your confirmation packet. You must be on time; the test administration will begin promptly.
- It is of utmost importance that you carefully follow all directions and regulations. All instructions by testing center personnel are to be followed. Listen carefully to all instructions given by the test proctor and follow the directions completely.
- Dress appropriately. While every attempt is made to provide a comfortable atmosphere, heating or cooling may sometimes not function properly.
- You are permitted to use a calculator during the examination. A calculator will be furnished to you at the testing center. Use of personal calculators or sharing of calculators is not permitted.
- Books, papers, or other reference materials may not be brought into the testing room.
- Electronic devices (including cell phones, pagers, PDAs, or other electronic devices) are not permitted in the testing room.
- Scratch paper will be provided on the back of the exam evaluation form. **DO NOT WRITE ON THE TEST BOOKLET.**
- Food, beverages and smoking is prohibited in the testing room.
- Visitors are not permitted in the testing room.
- If you are caught looking at another individual's exam or talking during the exam, scores may be invalidated and exam materials confiscated.
- Any actions that may constitute cheating on the exam will result in the invalidation of scores and confiscation of exam materials.
- Any violations of these rules will result in the invalidation of scores and the confiscation of



exam materials. Individuals violating these rules will not be permitted to continue the exam and all examination fees will be forfeited.

Copyright Information

All proprietary rights to the ASHS-CH examinations, including copyrights, are held by the American Society for Horticultural Science. In order to protect the validity of the examinations, candidates must adhere to strict guidelines regarding proper conduct in handling these copyrighted proprietary materials. The law strictly prohibits any attempt to reproduce all or part of ASHS certification examinations. Such attempts may include, but are not limited to: removing materials from the testing room; aiding others by any means of reconstructing any portion of the examinations; and selling, distributing, receiving or having unauthorized possession of any portion of the examinations. Alleged copyright violations will be investigated and, if warranted, prosecuted to the fullest extent of the law. It should be noted

that examination scores might become invalid in the event of this type of suspected breach. Permanent revocation of certification may occur if allegations are substantiated.

Policy on Inappropriate Application and Examination Conduct

The American Society for Horticultural Science intends that participation in ASHS certification programs and examinations be a professionally relevant, informative, and rewarding experience for all candidates. All candidates for ASHS certification are expected to conduct themselves in an appropriate and professional manner and to refrain from any objectionable, improper, or unprofessional conduct. To ensure fairness and a sound examination environment, the ASHS Certification Board issues these policies and rules.

When the ASHS Certification Board, the ASHS certification program, and/or an ASHS-designated representative, finds that a candidate has engaged in inappropriate conduct or behavior, ASHS reserves the right to take responsive actions, including, but not limited to, the following:

- 1) Rejection of an application for certification.
- 2) Prohibiting or precluding an individual from participating in an examination.
- 3) Prohibiting or precluding an individual from participating during an examination, includ-

ing the removal of a person from the testing site.

- 4) Invalidating or nullifying a person's examination and test results.
- 5) Issuing and enforcing any lesser response or action determined to be appropriate or necessary.

Inappropriate conduct or behavior includes, but is not limited to, misrepresentation; failure to disclose requested information; use or distribution of copyrighted or legally permitted material; verbal or physical disturbances of the examination or certification process; failure to pay test fees in a timely manner; and any other objectionable, improper or unprofessional actions by a person participating in the ASHS certification process.

By submitting an application for certification, each ASHS certification candidate acknowledges that he or she understands and agrees to the terms of this policy.

AFTER THE EXAMINATION

Examination Results

You will be notified by mail if you have passed or not passed the examination within three (3) weeks of the examination date. The passing score for this examination is 71%. If you have questions concerning your test results, you



should direct them in writing to the ASHS Certified Horticulturist program. However, because of the need to maintain test security, test booklets cannot be made available for review of the questions and answers, and the certification program does NOT provide a list of questions you answered incorrectly or correctly. The only information available regarding your performance on the test is provided on your results report.

To ensure the confidentiality of examination results, actual scores will not be released via telephone, fax, or any other electronic transmission by ASHS personnel. Scores will NOT be sent to employers, schools, or other individuals or organizations under any circumstances. Names of candidates who do not pass the examination are confidential and are not revealed under any circumstances, except by legal compulsory process.

Notification of Certification

Upon successful completion of the examination, ASHS certification staff will send, along with the score report, a congratulatory letter, recertification information, a press release for your local newspaper or other media, a certificate, and a wallet identification card.

Re-examination

If you do not pass the examination, you will receive your overall score, a letter explaining the retake process, and a retake application. You will be allowed to retake the examination one time for \$100 within one year of the original test date. After one retake or one year from the test date, if you do not attain certification, you must again pay the full examination fee in effect at the time of examination. You **MUST** file the retake form prior to the deadline date scheduled for the next examination.

Candidate Appeals

Decisions by the ASHS Certification Board regarding initial eligibility to take an examination, or continued certification, disruptive examination conditions, and verification of an examination score may be appealed to the ASHS Certification Board. The grounds for appeal to the ASHS Certification Board are only those stated in the previous sentence.

An appeal to the ASHS Certification Board must be made in writing by letter, fax, or e-mail, with the subject line "Appeal" to the following address:

ASHS Certification Board
Attn: ASHS-CH Appeal
1018 Duke Street
Alexandria, VA 22314
Fax: 703-836-2024
E-mail: ashsch@ashs.org

All such appeals must be received by ASHS within thirty (30) days of the date 1) that ASHS mailed the notice denying eligibility to take the examination, 2) that ASHS mailed the score report, or 3) the date on which a disruptive examination condition or examination occurred. The written appeal must identify the precise factual basis, applicable rules, or examination conditions that are the basis for the appeal.

Certification Renewal

ASHS Certified Horticulturist status is valid for three (3) years. To retain certification after each 3-year period, Certified Horticulturists must recertify by accumulating at least thirty (30) continuing education units (CEUs) over the 3-year period and paying the recertification fee. If the CEU requirements are not met and the appropriate renewal fees received by the three-year deadline, you must retake the examination subject to regular certification requirements. You will receive a more detailed explanation of CEUs when you receive your certification packet. You may also contact the ASHS certification staff if you need further clarification.

You have the option of checking your CEUs online via the ASHS website.

Failure to Sit for Your Examination

If you do not sit for the examination, you will receive your application back with a letter from the ASHS certification staff explaining how to sign up for another examination.

Certification Agreement

You must read and sign the Certification Agreement and adhere to the requirements.

Application for ASHS Certified Horticulturist

American Society for Horticultural Science Certified Horticulturist Program
ASHS, Office of the CH Registry, 1018 Duke Street, Alexandria, VA 22314
phone 703-836-4606 • fax 703-836-2024 • e-mail ashsch@ashs.org

Office Use Only

Membership No. _____

1. APPLICANT'S NAME AND ADDRESS

Certification No. _____

___ Dr. ___ Mr. ___ Ms. ___ Mrs. ___ Miss

Last Name: _____ First Name: _____ Middle Initial: _____ Suffix: _____

Address: _____

City: _____ State: _____ ZIP: _____ Country: _____

Office Phone: _____ Home Phone: _____ Cell: _____ Fax: _____

E-mail: _____ Are you a Member of ASHS? ___ Yes ___ No

Where did you hear about the exam? _____

2. DATE YOU WISH TO TAKE THE EXAM

(MM/DD/YYYY) ____/____/_____

3. LOCATION OF EXAM

4. DOCUMENTATION REQUIRED:

- Educational background, including: institution, degree(s), major and minor areas, date degree granted.
Must be related to horticulture.
- Completed Employment History Form. List all positions held.
- Sign and date the ASHS Code of Ethics.

5. EDUCATIONAL EXPERIENCE (must be related to Horticulture)

I have (check one): ___ 3 years of **paid** practical experience ___ 2-year degree/2 years **paid** practical experience
___ 4-year degree/1 year **paid** practical experience

Community/Junior College/College/University _____

Address _____

Type of Degree _____ Major _____ Minor _____

Date of Enrollment (from month/year) _____ (to month/year) _____ Total time _____

6. PLEASE COMPLETE EMPLOYMENT HISTORY (required for application approval):

Current or Most Recent Employer (Company) _____

Position _____

Contact Name _____ Phone Number _____ E-mail _____

Contact's Title _____

Company Address _____

Date of Employment (from month/year) _____ (to month/year) _____ Total time _____

Responsibilities of Your Position (required for application approval)

Previous Employer (Company) _____

Position _____

Contact Name _____ Phone Number _____ E-mail _____

Contact's Title _____

Company Address _____

Date of Employment (from month/year) _____ (to month/year) _____ Total time _____

Responsibilities of Your Position (required for application approval)

If there is not enough space to list the required years of experience with your current and previous employers, please attach an additional sheet.

Check here _____ if you do not want your name to appear in the CH Directory or on the website.

7. FEES _____ \$160.00 USD—ASHS Member _____ \$235.00 USD—Nonmember

FEE ENCLOSED \$ _____

MAKE CHECK PAYABLE IN U.S. FUNDS TO: American Society for Horticultural Science

The following credit cards are accepted:

___ MasterCard ___ VISA ___ AmEx Card Number: _____ (cvv) _____

Expiration: _____ Cardholder's name: _____

Signature: _____

8. SIGNATURE

I hereby certify that all information submitted in support of this application is correct and true to the best of my knowledge and that all information regarding this application will remain confidential. Before Certification is granted, as a final step, I will read and sign the ASHS-CH Code of Ethics

Date

Signature of Applicant



American Society for Horticultural Science

Membership Application and Subscription Form



Membership Levels (check one)

- Active \$125
- Emeritus¹ \$55
- Postdoctoral² \$60
- Graduate Student^{2,4} \$40
- Undergraduate Student² free
- Affiliate Sponsorship³ \$20
- Corporate \$375

Regional dues (optional)

- Northeast \$10
- Southern \$30

¹ Lifetime membership is complimentary for Emeriti whose cumulative gifts to the ASHS Endowment fund total \$2,500 or more.

² Proof of student status required.

³ Additional form required.

⁴ New graduate student members get first year free.

- Newsletter (electronic) \$ 0
- Newsletter (print) \$ 0

subtotal column 1 \$ _____

Subscriptions (choose from below)

HortTechnology

- print* and online \$55
- online only \$50
- paper only* \$50

Journal of ASHS

- print* and online \$100
- online only \$65
- paper only* \$75

HortScience

- print* and online \$100
- online only \$65
- paper only* \$75

*Print edition sent via U.S. mail only.

Intl. Air Mail Delivery (optional), add:

- Journal \$60
- HortScience \$60
- HortTechnology \$40

subtotal column 2 \$ _____

ISHS dues (optional)

- Individual \$90
- Student \$40

American Pomological Society

- Graduate Student \$25
- Individual \$75
- APS Journal electronic subscription \$60

ASHS Endowment Fund

- Contribution (optional) \$25
- Additional amount \$ _____

subtotal column 3 \$ _____

add subtotal column 1 \$ _____

add subtotal column 2 \$ _____

Total Amount \$ _____

Please complete page 2 of this form listing areas of interest and Working Group preferences

Name: _____

Address: _____

City, State, Zip, Country: _____

Phone, Fax: _____

E-Mail: _____

Payment Method:

Make checks payable to American Society for Horticultural Science (Payment must be made in U.S. Dollars, drawn on a U.S. Bank)

Check # _____ Amount \$ _____

VISA MasterCard American Express

Card # _____ (cvv) _____ Exp. Date _____

Name on card _____ Date _____

Note: ASHS membership dues are not deductible as a charitable contribution, but may be deductible as a business expense.

Endowment Fund contributions are deductible as charitable contributions to the extent allowable by law.

Mail completed form with payment to: American Society for Horticultural Science

1018 Duke Street, Alexandria, VA 22314 or fax to (703) 836-2024

ASHS Membership Application and Subscription Form (Part 2)

_____ **Renewing Members:** Check here if no changes.

Areas of Interest. (check all that apply)

A. SOCIETY DIVISION

- 1 Research
- 2 Education
- 3 Extension
- 4 Industry
- 5 International

B. EMPLOYMENT SECTOR

- 1 Academia (incl. land-grant univ.)
- 2 Government (federal, state, local)
- 3 Industry
- 4 Self-employed
- 5 Private nonprofit
- 6 Student
- 7 Other (specify) _____

C. TYPE OF WORK

- 1 Research & development
- 2 Teaching (classroom instruction)

- 3 Extension (public or private)
- 4 Administration (public or private)
- 5 Management (public or private)
- 6 Service & consulting
- 7 Sales
- 8 Public relations & promotion
- 9 Communication (editorial, etc.)

D. DIVISION OF HORTICULTURE

- 1 General horticulture
- 2 Pomology (deciduous tree fruits & nuts)
- 3 Viticulture & small fruits
- 4 Tropical & subtropical fruits (incl. citrus)
- 5 Vegetable crops
- 6 Floriculture
- 7 Ornamental & landscape horticulture
- 8 Bedding plants
- 9 Turfgrass

E. GENERAL SPECIALTY

- 1 Breeding & genetics
- 2 Propagation & seed production
- 3 Growth & developmental physiology
- 4 Growth regulators & herbicides
- 5 Cultural & management practices (incl. mineral nutr.)
- 6 Environmental factors
- 7 Postharvest physiology/storage
- 8 Food science & technology
- 9 Marketing & utilization/economics

F. KEYWORDS

Supply a series of words and/or phrases, separated by commas, listing your specialties or areas of interest, including names of crops.

Working Groups (Maximum—6 choices):

RESEARCH DIVISION (Commodity)

- Floriculture
- Ornamentals/Landscape & Turf
- Nursery Crops
- Ornamental Plant Breeding
- Pomology
- Viticulture and Small Fruits
- Citrus Crops
- Growth Regulators in Fruit & Nut Production
- Fruit Breeding
- Vegetable Crops Management
- Vegetable Breeding
- Herbs, Spices, & Medicinal Plants
- Temperate Tree Nut Crops

RESEARCH DIVISION (Cross-commodity)

- Plant Nutrient Management
- Production & Harvest Mechanization
- Weed Control & Pest Management
- Postharvest
- Produce Quality, Safety, & Health Properties
- Waste Utilization in Horticulture

- Growth Chambers & Controlled Environments
- Water Utilization & Management
- Crop Physiology
- Organic Horticulture
- Genetics and Germplasm
- BioEnergy
- Propagation
- Public Horticulture
- Root Growth & Rhizosphere Dynamics
- Seed and Stand Establishment
- Invasive Plants Research
- Human Issues in Horticulture
- Local Food Systems
- Plasticsulture
- Environmental Stress Physiology
- Plant Biotechnology

EDUCATION DIVISION

- Teaching Methods
- Administrators
- Graduate Student
- Computer Applications in Horticulture
- Emeriti (automatically included,

select up to six additional groups)

- History of Horticultural Science
- Undergraduate Student

EXTENSION DIVISION

- Consumer Horticulture & Master Gardeners
- Commercial Horticulture
- eXtension

INDUSTRY DIVISION

- Marketing & Economics
- Intellectual Property Rights

INTERNATIONAL DIVISION

- Tropical Horticultural Crops
- International Horticultural Consultants
- International Horticulture & Issues
- Working Group of Asian Horticulture
- Association of Horticulturists of Indian Origin

Membership at Large

- Federal Partners

American Society for Horticultural Science

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Code of Ethics

ASHS Certified Horticulturist

Article I. Preamble

1. The privilege of professional practice imposes obligations of responsibility as well as professional knowledge. The ASHS Certified Horticulturist Board certifies the credentials of individuals who have met the requirements to sit for and have passed the ASHS Certified Horticulturist (ASHS-CH) examination. Registrants who knowingly misrepresent their credentials will face disciplinary action.

Article II. Relation of Professional to the Public

1. An ASHS-CH shall avoid and discourage sensational, exaggerated, and/or unwarranted statements that might induce participation in unsound enterprises.
2. An ASHS-CH shall not give professional opinion or make a recommendation without being as thoroughly informed as might reasonably be expected considering the purpose for which the opinion or recommendation is desired, and the degree of completeness of information upon which the opinion is based should be made clear.
3. An ASHS-CH shall not issue false statement or false information, even though directed to do so by employer or client.
4. An ASHS-CH shall endeavor to avoid any action or activity that would have the appearance of a conflict of interest.

Article III. Relation of Professional to Employer and Client

1. An ASHS-CH shall protect, to the fullest extent possible, the interest of his/her employer or client insofar as such interest is consistent with the law and professional obligations and ethics.
2. An ASHS-CH who finds that obligations to their employer or client conflict with the professional obligation or ethics should work to have such objectionable conditions corrected.
3. An ASHS-CH shall not use, directly or indirectly, an employer's or client's information in any way that would violate the confidence of the employer or client.
4. An ASHS-CH retained by one client shall not accept, without the client's written consent, an engagement by another if the interests of the two are in any manner conflicting.
5. An ASHS-CH who has made an investigation for any employer or client shall not seek to profit economically from

the information gained, unless written permission to do so is granted or until it is clear that there can no longer be a conflict of interest with the original employer or client.

6. An ASHS-CH shall not divulge information given in confidence.
7. An ASHS-CH shall engage, or advise employer or client to engage, and cooperate with other experts and specialists.
8. An ASHS-CH protects the interests of a client by recommending only products and services that are in the best interest of the client and public.
9. An ASHS-CH protects his/her credibility by disclosing to clients how he/she will be compensated for providing recommendations to the client.

Article IV. Relation of Professionals to Each Other

1. An ASHS-CH shall not falsely or maliciously attempt to injure the reputation of another.
2. An ASHS-CH shall freely give credit for work done by others, to whom the credit is due, and shall refrain from plagiarism of oral and written communications and shall not knowingly accept credit rightfully due another person.
3. An ASHS-CH shall not use the advantage of public employment (i.e., university, government) to compete unfairly with other certified professions.
4. An ASHS-CH shall endeavor to cooperate with others in the profession and encourage the ethical dissemination of technical knowledge.

Article V. Duty to the Profession

1. An ASHS-CH shall aid in the exclusion from certification those who have not followed this Code of Ethics or who do not have the required education and experience.
2. An ASHS-CH shall uphold this Code of Ethics by precept and example and encourage, by counsel and advice, other ASHS-CHs to do the same.
3. An ASHS-CH having positive knowledge of deviation from this Code by another ASHS-CH shall bring such deviation to the attention of the Board.

Approved by
CHB/ASHS

I understand and agree that failure to adhere to the above Code of Ethics can result in disciplinary action, including the removal of certification.

Print Name: _____

Signature: _____ Date: _____

Certification Agreement

For and in consideration of \$160 for ASHS Members (nonmember fee \$235) and the mutual covenants contained herein, the American Society for Horticultural Science (ASHS) agrees that the undersigned applicant, upon receiving written notice of successful completion of the ASHS Certified Horticulturist examination, shall become certified under the ASHS Certified Horticulturist Program as described in the ASHS Certified Horticulturist certification document attached hereto and made a part hereof, and applicant agrees that he or she has reviewed and understands the provisions of the program, and further agrees to adhere to all the terms and provisions of this agreement and the program procedures.

The applicant and ASHS further agree that certification under this program is for an initial term of three years (3) and may be renewed for additional terms upon 1) accumulation of required continuing education units, 2) payment of applicable recertification fees, as provided in the program, and 3) execution of such recertification agreements and the fulfillment of such other requirements as may from time to time be required by the ASHS under the program.

Applicant understands that the ASHS Certified Horticulturist Program is totally separate from ASHS membership and all other ASHS programs, and that certification under this program does not create in the certified party any ASHS membership rights nor any rights in any other ASHS program, including, but not limited to, the rights to use any other ASHS mark. The applicant also agrees that he or she will immediately cease any use of any ASHS certification mark or other reference to the ASHS Certified Horticulturist Program upon notice from ASHS that his or her rights have been revoked or suspended.

Applicant understands and agrees that the certification will be personal to the applicant and may not be transferred or assigned to any other individual or entity. Applicant agrees that use of the certification and related mark by an employer must be in accordance with ASHS certification procedures and guidelines.

Applicant agrees to indemnify and hold harmless ASHS, its directors, officers, staff, Certified Horticulturist Board, agents, and employers from and against all claims, damages, losses, and expenses, including reasonable attorney's fees, arising out of applicant's participation in the ASHS Certified Horticulturist Program and use of the ASHS certification emblem or other reference to the ASHS Certified Horticulturist Program.

Print Name _____

Signature _____ Date _____

ASHS CERTIFIED HORTICULTURIST

a program of the
American Society for Horticultural Science



For Additional information about this program
or to obtain additional application booklets, contact the

American Society for Horticultural Science

1018 Duke Street, Alexandria, VA 22314

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<http://ashs.org>

ASHS Certified Horticulturist Board

Fred T. Davies, Jr., *Texas A&M University, Chair*

Kerrie Badertscher, *Otoke Horticulture, LLC*

Steve Carver, *Ohio Florist Association (OFA) Short Course & Trade Show*

Janet C. Cole, *Oklahoma State University*

Terry Ferriss, *University of Wisconsin, River Falls*

George Fitzpatrick, *University of Florida*

Mary Lamberts, *University of Florida*

Doug Needham, *Longwood Gardens*

Karen Panter, *University of Wyoming*

Kay Phelps, *Clinton Nurseries of Florida*

Susan Steinberg, *NASA— Johnson Space Center*