



Universities & Research

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56 entries

RESOURCE	WHAT IT IS	WHAT YOU GET
Alabama Extension crop production https://www.aces.edu/blog/topics/crop-production/	The Auburn and Alabama A&M extension crop library.	Free vegetable and fruit guides, organic production included.
Auburn fisheries and aquaculture https://agriculture.auburn.edu/sfaas/	Auburn's School of Fisheries, Aquaculture and Aquatic Sciences, the premier warm-water aquaculture program, with a 1,600-acre pond research station.	Extension programs and research from the school that trained much of the world's aquaculture industry.
Clemson new and beginning farmer program https://www.clemson.edu/extension/newfarmer/	Clemson Extension's farm-business development program, running since 2010.	Free cohort training on business planning, financials, and marketing.
Cornell AgriTech at Geneva https://cals.cornell.edu/cornell-agritech	Cornell's Geneva research station for fruit, vegetables, grapes, and hops.	Research findings and extension programs straight from the station.
Cornell Controlled Environment Agriculture https://cea.cals.cornell.edu/	Cornell's CEA program for hydroponic greenhouse and vertical production.	The free hydroponic lettuce and spinach handbooks, with the spreadsheets that go with them.
Cornell fruit resources https://fruit.cornell.edu/	Cornell's hub for commercial tree fruit, grape, and berry production.	Free per-crop pest and production guidelines, plus the NEWA decision tools.
Cornell Lake Erie Regional Grape Program https://lergp.com/	The Cornell and Penn State joint extension program serving 31,000 vineyard acres.	Free crop updates with growing-degree data and disease guides, podcast included.
Extension Foundation (extension.org) https://extension.org	The national gateway into the whole Cooperative Extension system from one door.	Route into any state's land-grant resources without knowing the campus.
GLASE greenhouse lighting consortium https://glase.org/	The Cornell-led Greenhouse Lighting and Systems Engineering consortium.	Free lighting and controls webinars, plus a national catalog of CEA short courses.
Iowa State Leopold Center https://www.leopold.iastate.edu/	Iowa State's sustainable agriculture research center, running since 1987.	Free research reports on profitable, resource-conserving farming.
Kentucky Center for Crop Diversification https://ccd.uky.edu/	The University of Kentucky's center for planning, growing, and marketing specialty crops.	Free crop profiles, farmers-market price reports, and enterprise budgets, all current.
Kentucky greenhouse and controlled environment horticulture https://greenhousehort.ca.uky.edu/home	The University of Kentucky's greenhouse and controlled-environment extension program.	Free grower resources organized by energy, growth, and water management.
Kentucky State University aquaculture https://www.kysu.edu/academics/college-ahnr/school-of-aas/index.php	Kentucky State's School of Aquaculture and Aquatic Sciences, the university's program of distinction, with the state's only dedicated aquatic research complex.	More online aquaculture courses than any US university, plus pond and aquaponics research from 33 working research ponds.

Michigan State floriculture and greenhouse extension https://www.canr.msu.edu/floriculture/	MSU's greenhouse and floriculture extension team, home of the definitive photoperiod and lighting research.	Free lighting, temperature, and scheduling research that most commercial greenhouse practice runs on.
Michigan State vegetable extension https://www.canr.msu.edu/vegetables/	MSU Extension's vegetable team for the Great Lakes region.	Free in-season pest and production updates for northern vegetable growers.
Minnesota Hardy fruit breeding https://mnhardy.umn.edu/	The University of Minnesota's 150-year cold-hardy fruit breeding program, Honeycrisp's birthplace.	Free variety catalogs and growing information for every U of M apple, grape, and berry.
NC State horticultural science https://cals.ncsu.edu/horticultural-science/	NC State's horticulture department, research and extension both.	The extension horticulture portal of research-based fact sheets.
NC State organic commodities https://organiccommodities.ces.ncsu.edu/	NC State's program for organic grain and row-crop production in the Southeast.	Free organic production guides, budgets, and variety trial data.
NC State plant pathology portal https://plantpathology.ces.ncsu.edu/	NC State's crop disease portal, vegetable pathology lab included.	Free real-time downy mildew and late blight alerts, plus fungicide guides.
Ohio State OHCEAC https://ohceac.osu.edu/	Ohio's controlled environment agriculture center, research consortium included.	Free nutrient-solution design help and CEA engineering modules, plus the Strawberry School.
Ohio State VegNet https://u.osu.edu/vegnetnews/	OSU Extension's fruit, vegetable, and specialty-crop news outlet.	Free pest updates, fact sheets, and webinars, archived back years.
Oregon State Center for Small Farms https://smallfarms.oregonstate.edu/	OSU's center for small farms and community food systems.	Free whole-farm management and business-planning guides, plus the dry-farming project.
Penn State Fruit Research and Extension Center https://agsci.psu.edu/frec	Penn State's tree fruit research station at Biglerville, running since 1918.	Free weekly pest trap counts, the apple thinning model, and production budgets.
Penn State ornamentals and floriculture extension https://extension.psu.edu/trees-lawns-and-landscaping/ornamentals-and-floriculture	Penn State Extension's greenhouse and floriculture hub, home of the 85-year flower trials.	Free production and greenhouse IPM articles, plus diagnostic lab access.
Penn State Start Farming https://extension.psu.edu/business-and-operations/starting-a-farm	Penn State Extension's statewide beginning-farmer hub, running since 2009.	Free courses and guides on business planning, production, and land access.
Purdue controlled environment agriculture lab https://www.purdue.edu/hla/sites/cea/	Purdue's CEA research lab and extension program.	Free bulletins and webinars on greenhouse and indoor production, organic hydroponics included.
Purdue Vegetable Crops Hotline https://vegcropshotline.org/	Purdue Extension's newsletter for commercial vegetable growers.	Free current and archived issues plus a disease photo library.
Rutgers horticultural engineering and CCEA https://horteng.envsci.rutgers.edu/	Rutgers' greenhouse engineering program and Center for Controlled-Environment Agriculture.	Free engineering fact sheets: environmental control, monitoring systems, greenhouse planning.
Rutgers Plant and Pest Advisory https://plant-pest-advisory.rutgers.edu/	Rutgers Extension's seasonal advisory for New Jersey commercial growers.	Free weekly insect, disease, and weed updates by email through the season.
Southern Regional Aquaculture Center https://srac.msstate.edu/	The USDA regional center whose fact sheets are the standard free reference for warm-water aquaculture.	The SRAC fact sheet library: pond construction, species culture, water quality, one sheet per question.

Texas A&M Aggie Horticulture https://aggie-horticulture.tamu.edu/	Texas A&M AgriLife's horticulture information network.	Free fruit, nut, and vegetable fact sheets plus disease and soil diagnostics.
Thad Cochran National Warmwater Aquaculture Center https://www.tcnwac.msstate.edu/	The Mississippi State-anchored national center at Stoneville: the research, extension, and diagnostic base of the US catfish industry.	Diagnostic services and the applied research behind commercial pond production.
Tufts New Entry Sustainable Farming Project https://nesfp.org/	The Tufts Friedman School's training project for new and immigrant farmers.	Free explore-farming workshops and self-paced courses, high-tunnel production included.
UAPB aquaculture and fisheries https://uapb.edu/academics/safhs/departments-of-aquaculture-fisheries/	The University of Arkansas at Pine Bluff's aquaculture and fisheries department, a designated center of excellence supporting the state's fish farms.	Extension services and research for working pond producers, baitfish to catfish.
UC ANR publications https://ucanr.edu/anrcatalog/	The University of California's agriculture publishing arm.	Free open-access extension papers and the peer-reviewed California Agriculture journal.
UC Davis Fruit and Nut Research and Information Center https://fruitsandnuts.ucdavis.edu/	UC Davis's center for California fruit and nut production knowledge.	Free crop pages, chill calculators, and orchard cost studies.
UC Davis Postharvest Technology Center https://postharvest.ucdavis.edu/	The world reference for handling crops after harvest.	Free produce fact sheets: storage temperatures, humidity, and ethylene sensitivity for every crop you grow.
UC Organic Agriculture Institute https://ucanr.edu/sites/organic/	The University of California's statewide institute for organic and transitioning growers.	Free webinars, a resource library, and demonstration sites across California.
UConn greenhouse IPM https://ipm.cahnrc.uconn.edu/greenhouse-ipm	UConn Extension's greenhouse integrated pest management program.	Free seasonal pest messages by email, biocontrol fact sheets, and the New England greenhouse guide.
UF/IFAS Ask IFAS publications https://ask.ifas.ufl.edu/	The University of Florida's extension publication platform.	Thousands of free peer-reviewed publications on production, disease, and postharvest.
UF/IFAS greenhouse and hydroponics resources https://smallfarms.ifas.ufl.edu	Florida's small farms program: hot-climate protected culture and hydroponics resources from the state that grows through summer.	Greenhouse answers tuned for heat, not just northern winters.
UF/IFAS small farms and alternative enterprises https://smallfarm.ifas.ufl.edu/	Florida Extension's program for small-farm operators.	Free publications, a direct-marketing handbook, and regional farmer networks.
UGA sustainable agriculture https://sustainagga.caes.uga.edu/	The University of Georgia's sustainable-production hub.	Free cover crop and rotation fact sheets, plus the Journeyman Farmer training program.
UGA vegetable team https://vegetables.caes.uga.edu/	The University of Georgia's team serving the state's vegetable producers.	Free variety trial results, production budgets, and a grower podcast.
UMass Extension fruit program https://www.umass.edu/agriculture-food-environment/fruit	The UMass extension team for tree fruit, berries, and grapes.	Free management guides plus the Fruit Notes and Berry Notes newsletters.
UMass Extension vegetable program https://www.umass.edu/agriculture-food-environment/vegetable	UMass's vegetable research and extension team for New England.	The free Vegetable Notes newsletter and an ask-a-specialist service.
University of Arizona CEAC https://ceac.arizona.edu/	Arizona's Controlled Environment Agriculture Center, greenhouse and vertical-farm research since the nineties.	Free guides on hydroponic tomatoes and strawberries, greenhouse design, and cooling in hot climates.
University of Maine Extension agriculture https://extension.umaine.edu/agriculture/	UMaine Extension's farm program, midcoast sustainable agriculture included.	Free crop and livestock guides, diagnostics, and the Maine Farm News.

University of Minnesota Extension small farms https://extension.umn.edu/farming-systems/small-farms	UMN Extension's team for farms from one to forty acres.	Free production and business guides plus a farm information hotline.
Utah State crop physiology lab (Bugbee) https://cpl.usu.edu	Bruce Bugbee's lab: the plain-spoken science of light, photosynthesis, and controlled environments, generously published.	The lighting science behind every LED claim, from the source everyone cites.
UVM Extension New Farmer Project https://www.uvm.edu/extension/new-farmer	Vermont's coordinated education and coaching program for beginning farmers.	The free toolshed of business, land access, and marketing guides, plus Vermont Land Link.
UW-Madison Center for Integrated Agricultural Systems https://cias.wisc.edu/	Wisconsin's sustainable agriculture and food systems research center.	Free research briefs and the Compass farm-viability tools, Veggie Compass included.
Virginia Beginning Farmer and Rancher Coalition https://www.vabeginningfarmer.alce.vt.edu/	Virginia Tech's statewide coalition program for new farmers.	A free whole-farm planning curriculum and a mentoring network.
Virginia Tech research and extension centers https://www.arec.vaes.vt.edu/arec.html	Virginia Tech's network of eleven agricultural research and extension centers.	Center-specific grower programs and field days, tree fruit included.
WSU Center for Sustaining Agriculture https://csanr.wsu.edu/	Washington State's sustainable-agriculture research center and BIOAg program.	A free searchable database of decades of sustainable-ag research.
WSU tree fruit https://treefruit.wsu.edu/	Washington State's tree fruit research and extension program.	The free crop protection guide, decision aid system, and variety and storage guides.

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