



Open Agriculture Technology

The Agriculture Resource Library — openagriculturetechnology.com/resources

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Links verified nightly

Learning & Media

From The Agriculture Resource Library at openagriculturetechnology.com/resources/learning/

50 entries

RESOURCE	WHAT IT IS	WHAT YOU GET
Acres U.S.A. https://www.acresusa.com	The oldest publisher on production-scale organic and regenerative farming, since 1971, with a book catalog that is a standing reference library.	Fifty years of eco-agriculture depth; sample it free at EcoFarmingDaily.
ADVANCEA Academy https://www.ceaforum.org/advancea-academy	A semester-long hybrid course on greenhouse environmental control, taught live online in the evenings by Ohio State, Rutgers, and Florida faculty and recorded for later viewing.	The closest thing to a university course in greenhouse climate control without enrolling in a degree.
AgFunder News https://agfundernews.com	The news desk of agrifood-tech investment, editorially independent of the VC firm behind it, with the annual investment report the whole sector cites.	See which technologies are getting funded before they show up at the farm store.
BeardedTinker https://www.youtube.com/@BeardedTinker	The one established maker channel running a sustained Home Assistant automate-my-land arc in 2026: vineyard, rain tanks, watering.	Watch HA meet actual land, weekly.
Bruce Bugbee / Apogee Instruments channel https://www.youtube.com/@apogeeinstrumentsinc	Measurement science for growers: PAR, soil moisture, and Bugbee's lighting lectures, rigorous and active.	University-grade instruction on measuring light and water, free from an instrument maker.
Capital Press https://www.capitalpress.com	The Western agriculture weekly covering Oregon, Washington, Idaho, and California.	The West's farm news of record.
CEA Works school https://cea-works-school.teachable.com/	On-demand courses on crop production in controlled environments, root zone management, plant physiology of CEA crops, and CEA business planning, taught by Cornell, Ohio State, and Agritecture.	A self-paced introduction to growing indoors that starts from the physiology, not the equipment catalog.
CEAg World https://ceagworld.com	Meister's controlled-environment agriculture desk, launched 2023, with the CEA Summit East each fall.	The dedicated CEA trade coverage as the sector matures.
Citrus Industry https://citrusindustry.net	The citrus growers' magazine, Florida-centered, free, with crop forecast coverage tied to the October USDA estimate.	Citrus production coverage without a paywall.
Civil Eats https://civileats.com	The nonprofit food-system newsroom: policy-aware reporting on farming and food, membership-supported.	The policy weather that eventually lands on your farm, reported early.
Cornell Small Farms Program https://smallfarms.cornell.edu	Guides, structured online courses, and the Small Farms Quarterly from Cornell's small-farm team.	A real beginning-farmer curriculum, some free, courses modestly priced.
Crop Protection Network https://cropprotectionnetwork.org	Field crop disease and pest know-how pooled from a lot of land-grant universities and written so a farmer can use it. It covers corn, soybeans, wheat and the other small grains, alfalfa and cotton, and you can read it without logging in.	Plain write-ups and photos for identifying field crop diseases and pests, fungicide efficacy tables, yield loss and fungicide return-on-investment calculators, and the Crop Lookout map of what is showing up where.

FAO-56 Crop Evapotranspiration https://www.fao.org/4/x0490e/x0490e00.htm	The canonical irrigation reference, free in full: Penman-Monteith reference evapotranspiration and the crop coefficients everything else builds on.	The Kc for your crop and the math behind every smart irrigation tool, from the source.
Farm Small Farm Smart https://paperpot.co/farm-podcast/	The long-running podcast archive on profitable small-scale vegetable farming; hundreds of episodes, no longer producing new ones at pace.	A finished course in farm business, free in your ears.
farmdoc daily https://farmdocdaily.illinois.edu	University of Illinois farm economists writing almost every weekday about grain markets, crop insurance, farm policy and crop budgets. It is free to read with no account.	Straight analysis of prices, costs and policy changes that you can use for marketing and planning decisions, plus links to the farmdoc budget and decision tools.
Floriculture Research Alliance https://floriculturealliance.org/	The multi-university floriculture research group behind the Climate Management and several other UF/IFAS greenhouse courses, with its own grower-facing research summaries.	Research written down for growers by the people who ran the trials, and the course that packages it.
FreshPlaza and family https://www.freshplaza.com	The free daily global fresh-produce trade wire, with sister dailies HortiDaily for greenhouse horticulture and VerticalFarmDaily for indoor.	The world's produce trade, free, every morning.
GLASE Greenhouse Course Catalog https://glase.org/resources/greenhouse-course-catalog/	One table of every university-grade greenhouse and CEA short course in the country: who teaches it, how long, online or in person, and what it costs.	The whole menu of greenhouse continuing education on one page, so you can plan a year of learning against the growing calendar.
Good Fruit Grower https://www.goodfruit.com	The tree fruit and grape growers' magazine since 1946, association-owned, print substitutes the digital issues but much of the web is free.	The orchard trade's serious journalism, and a free weekly digest.
Greenhouse Grower https://www.greenhousegrower.com	The trade magazine of commercial greenhouse growing, and publisher of the annual Top 100 Growers ranking, the most cited scale benchmark in the business.	Industry trends free, and every May the map of who is biggest.
Greenhouse Product News https://gpnmag.com	The monthly for commercial greenhouse growers, ornamental-leaning with CEA coverage.	Another free window on the greenhouse trade, and its young-talent list.
GrowerTalks https://www.growertalks.com	Ball Publishing's grower-culture magazine, with Chris Beytes' Acres Online, the best-written greenhouse newsletter going.	The greenhouse trade's voice, free, plus the wage survey everyone quotes.
Growing for Market https://growingformarket.com	The trade magazine for market farmers since 1992, ten issues a year: peer growers writing up their production and marketing in detail.	The magazine your exact peers write; worth the forty-five dollars if you sell what you grow.
Growing Produce https://www.growingproduce.com	The home of American Vegetable Grower and American Fruit Grower: trade coverage of commercial fruit and vegetable production.	The specialty-crop trade press, free, with the annual industry survey worth reading whole.
Hoocho https://www.youtube.com/@Hoocho	Weekly DIY hydroponics and 3D-printed grow hardware with open designs; the closest active YouTube peer to the open-hardware growing ethos.	Buildable hydro ideas every week, plans included.
iGrow News https://igrownews.com	Daily CEA and agtech coverage with a Friday digest; not the old SDSU iGrow, and not Link4's iGrow controllers.	Deal flow and sector news for indoor growing.
Johnny's Grower's Library https://www.johnnyseeds.com/growers-library/growing-center.html	The research-team-written crop guides, planning calculators, and tech sheets behind the Johnny's catalog: the single best vendor education asset in the sector.	Succession calculators and key-growing sheets you will use every season, free.
Lancaster Farming https://www.lancasterfarming.com	The Pennsylvania and mid-Atlantic farm weekly with strong small-farm and produce-auction coverage.	The best regional farm paper in the East, auction prices included.

Market Gardener Institute https://www.youtube.com/@TheMarketGardeners	Jean-Martin Fortier's channel and school: farm business case studies and greenhouse economics from the Market Gardener author.	The economics of small farming, taught by its most famous practitioner.
Modern Farmer https://modernfarmer.com	Food-and-farming features for a general audience, now owned by Epic Gardening rather than the old nonprofit foundation.	Readable farm storytelling; know it is a commercial magazine now.
MSU Extension online greenhouse courses https://www.canr.msu.edu/courses/	Short online classes from Michigan State floriculture: horticultural lighting, root zone management, biological control, abiotic disorders, and a self-paced IPM Academy. Several taught in Spanish as well as English.	Focused four-hour classes on one greenhouse problem each, offered once a year, at modest prices; the IPM Academy is nearly free.
New England Vegetable Management Guide https://nevegetable.org	The multi-university commercial production guide for New England, fully online and kept current.	Crop-by-crop commercial recommendations for the Northeast, free.
No-Till Farmer https://www.no-tillfarmer.com	The no-till row-crop trade publication since 1972: equipment and agronomy for farming without the plow.	Fifty years of no-till practice, from the practitioners.
No-Till Growers https://www.notillgrowers.com	The best free technical video and podcast library in ecological market gardening, posting near daily, with real numbers from working farms.	Soil-first production methods taught relentlessly and free, by the most prolific serious educator on YouTube.
Offrange https://ambrook.com/offrange	Excellent original reporting on farm economics from the Ambrook team; formerly named Ambrook Research.	Sharp, free journalism about the business you are actually in.
Ohio State Hydroponic GAPs food-safety course https://producesafety.osu.edu/news/osu-offers-online-good-agricultural-practices-course-hydroponic-operations	A self-paced online course on Good Agricultural Practices written for hydroponic production systems, offered in English and Spanish.	Food-safety training that actually addresses hydroponics instead of field crops, which is what a buyer's audit will ask about.
Open Textbook Library agriculture shelf https://open.umn.edu/opentextbooks/	Peer-reviewed open college textbooks, free to read and reuse; browse to the agriculture subject shelf.	College-level plant and soil science without the bookstore bill.
OptimIA University https://optimiauniversity.org/	Basic Knowledge for Indoor Farming: a free, self-paced curriculum from the USDA-funded OptimIA project on optimizing indoor agriculture.	A university-built indoor-farming course at no charge.
Progressive Farmer / DTN https://www.dtnpf.com	The largest-circulation US farm magazine, riding on DTN's market and weather data spine.	Row-crop news with real market data underneath.
RED Gardens https://www.youtube.com/@RedGardens	Systematic comparative growing trials, quantified and honestly reported: the most genuinely data-driven grower-educator on YouTube.	What happens when someone actually measures their garden methods for a decade.
Smart Home Junkie https://www.youtube.com/@SmartHomeJunkie	Current, competent Home Assistant tutorials whose 2026 garden-watering guide took the top search slot in weeks.	The freshest HA irrigation walkthroughs going.
Southeastern US Vegetable Crop Handbook https://content.ces.ncsu.edu/southeastern-us-vegetable-crop-handbook	The Southeast's annually updated commercial vegetable production bible, free as a full PDF.	The current-year production book for the South, free.
Successful Farming https://www.agriculture.com	The flagship general farm magazine, free online.	Mainstream row-crop coverage and machinery talk.
The Packer https://www.thepacker.com	The fresh produce supply chain's daily read, whose Fresh Trends survey and Produce Market Guide are reference works in their own right.	What buyers and retailers are thinking, and real consumer demand data by commodity.

The South Carolina Grower https://scgrower.com	A fruit and vegetable news site run by Clemson Extension horticulture folks. It posts a weekly field update on what is happening across South Carolina farms and a Question of the Week on a pest, disease or herbicide problem.	Timely word on what pests and diseases are showing up in South Carolina right now, plus a list of upcoming grower meetings and field days.
THRIVE Top 50 https://thriveagrifood.com/thrive-top-50/	The annual ranking of the fifty most innovative growth-stage agtech and foodtech startups, published each January.	A yearly scan of what the money thinks is next.
Tools for Varroa Management Guide (9th edition) https://honeybeehealthcoalition.org/resources/varroa-management/	The guide a lot of bee inspectors and clubs point people to for keeping varroa mites in check. It is a free download with no sign-up, and there is a Spanish edition too.	How to count mites, when the count means it is time to treat, and a side-by-side look at every registered treatment, so you can pick one that fits the season and your hives.
UF/IFAS Greenhouse Training Online https://ifas.catalog.instructure.com/browse/greenhouse	Fifteen four-week online courses for commercial greenhouse and nursery growers, from Greenhouse 101 through nutrient management, irrigation, substrates, disease, growth regulators, weeds, climate, and water treatment. Also carries courses contributed by Ohio State, Texas A&M, and the Floriculture Alliance.	A structured greenhouse curriculum you can take one course at a time, each around \$293, with certificates that count.
Upstream Ag Insights https://www.upstream.ag	The weekly analysis newsletter on agribusiness and agtech strategy, free tier plus paid depth.	How the input and tech companies actually think, decoded weekly.
Vegetable Growers News https://vegetablegrowersnews.com	Monthly for commercial vegetable growers with strong farm-market coverage; sister titles include Fruit Growers News, Organic Grower, and Spudman.	Production and marketing coverage sized for real vegetable farms.

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