Hawaiʻi Agroforestry Resources

Producers Guide

*Introduction:*

Aloha and welcome to this producers’ guide to agroforestry resources in Hawaiʻi. For land managers who are interested in or already practicing agroforestry, this guide contains links to resources with practical advice, technical information, financial assistance and loans, land access and community networks. Resource providers range from federal sources to the county level, as well as non-governmental groups. This guide was created by a graduate student at the University of Hawaiʻi at Hilo to be as accurate as possible and will be updated on a semi-annual basis. Please direct any questions or comments to: [annaezzy@hawaii.edu](mailto:annaezzy@hawaii.edu).

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*Resource Categories*

* **Technical** = Advice and information to help make informed farming decisions
* **Research Funding** = Grants for research relating to agroforestry
* **Financial** = Financial support for agroforestry conservation projects (grants, loans, incentives)
* **Land** = Access to land for agriculture
* **Network** = Farmer networks with technical support and resources

*Acronyms:*

* **DLNR** = Department of Land and Natural Resources
* **UH** = University of Hawaiʻi
* **USDA** = United State Department of Agriculture
* **USDI** = United States Department of the Interior

| **Geographic Coverage** | **Category** | **Source** | **Description** | **Link** |
| --- | --- | --- | --- | --- |
| All | Financial | Oʻahu Agriculture and Conservation Association | Grants & Loans For Farmers and Ranchers | <https://www.oahuaca.org/farmers-and-ranchers> |
| Federal | Financial | USDA National Institute of Food and Agriculture | Sustainable Agriculture Research and Education (SARE) Agroforestry Grants | https://www.fs.usda.gov/nac/resources/usda-programs/sare-agroforestry-grants/ |
| Federal | Financial | USDA Natural Resources Conservation Service | Environmental Quality Incentives Program (EQIP) | https://www.nrcs.usda.gov/programs-initiatives/eqip-environmental-quality-incentives |
| Federal | Financial | USDA Natural Resources Conservation Service | Conservation Stewardship Program (CSP) | <https://www.nrcs.usda.gov/programs-initiatives/csp-conservation-stewardship-program> |
| Federal | Financial | USDA Natural Resources Conservation Service | Agricultural Management Assistance | <https://www.nrcs.usda.gov/programs-initiatives/ama-agricultural-management-assistance> |
| Federal | Financial | USDA Natural Resources Conservation Service | Regional Conservation Partnership Program | <https://www.nrcs.usda.gov/programs-initiatives/rcpp-regional-conservation-partnership-program> |
| State | Financial | DLNR Division of Forestry and Wildlife | Watershed Partnership Program | <https://dlnr.hawaii.gov/ecosystems/wpp/> |
| State | Financial | DLNR Division of Forestry and Wildlife | Forest Stewardship Program | <https://dlnr.hawaii.gov/forestry/lap/fsp/> |
| State | Financial | DLNR Division of Forestry and Wildlife | Hawaiʻi’s Forest Legacy Program | <https://dlnr.hawaii.gov/forestry/lap/forest-legacy/> |
| State | Financial | DLNR Division of Forestry and Wildlife | Community Forest Program | <https://dlnr.hawaii.gov/forestry/lap/community-forest-program/> |
| State | Financial | DLNR Division of Forestry and Wildlife | Legacy Land Conservation Program | <https://dlnr.hawaii.gov/ecosystems/llcp/> |
| State | Financial | U.S. Fish and Wildlife Service | Conservation Partnership Program | <https://www.fws.gov/program/partners-fish-and-wildlife> |
| State | Financial | Hawaiʻi Agriculture Research Center / UH | Climate Smart Commodities Grant | <https://climatesmarthawaii.org/> |
| Federal | Financial | USDA Farm Service Agency | Disaster assistance | <https://www.farmers.gov/protection-recovery/disaster-tool> |
| Federal | Financial | USDA Farm Service Agency | Farm commodity programs | <https://www.fsa.usda.gov/about-fsa/structure-and-organization/farm-programs/index> |
| Federal | Financial | USDA Rural Development | Value Added Producer Grants | <https://www.rd.usda.gov/programs-services/business-programs/value-added-producer-grants> |
| Federal | Financial | USDA Farm Service Agency | Conservation Reserve Program (note: CRP prohibits certain commercial use) | <https://www.fsa.usda.gov/programs-and-services/conservation-programs/conservation-reserve-program/index> |
| Federal | Financial | USDA Natural Resources Conservation Service | Environmental Quality Incentives Program | <https://www.nrcs.usda.gov/programs-initiatives/eqip-environmental-quality-incentives> |
| Federal | Financial | USDA Natural Resources Conservation Service | Conservation Stewardship Program | <https://www.nrcs.usda.gov/programs-initiatives/csp-conservation-stewardship-program> |
| Federal | Financial | USDA Natural Resources Conservation Service | Regional Conservation Partnership Program | <https://www.nrcs.usda.gov/programs-initiatives/rcpp-regional-conservation-partnership-program> |
| Federal | Financial | USDA Agricultural Marketing Service | Specialty Crop Block Grant Program | <https://hdoa.hawaii.gov/add/scbgp/> |
| Federal | Financial | USDA Agricultural Marketing Service | Local Food Promotion Program | <https://www.ams.usda.gov/services/grants/lfpp> |
| Federal | Financial | USDA Agricultural Marketing Service | Marketing Services Division | <https://www.ams.usda.gov/services> |
| Federal | Financial | USDA Rural Development | Cooperative Development Grant Program | <https://www.rd.usda.gov/programs-services/business-programs/rural-cooperative-development-grant-program> |
| Federal | Financial | USDA Forest Service / DLNR Division of Forestry and Wildlife | Forest Stewardship Program | <https://dlnr.hawaii.gov/forestry/lap/fsp/> |
| Federal | Financial | USDA Forest Service | Urban & Community Forestry Program / Kaulunani | <https://dlnr.hawaii.gov/forestry/lap/kaulunani/grants/> |
| State | Financial | Hawai‘i Department of Agriculture | Micro-Grant for Food Security Program (MGFSP) | <https://hdoa.hawaii.gov/blog/main/nr23-09mgfsp/> |
| County | Financial | Maui County | Agricultural Micro Grant Program | <https://www.meoinc.org/programs-services/business-development-center/agricultural-micro-grant-program/> |
| County | Financial | Kauai County Office of Economic Development | Agriculture Farm Expansion Grant | <https://kauaiforward.com/agriculture-farm-expansion-grant/> |
| County | Financial | City and County of Honolulu | Oʻahu Ag Grants | <https://www.oahuaggrants.org/faqs> |
| State | Land | Kohala Center | Hawai‘i Agricultural Land Lessors | <https://gofarmhawaii.org/wp-content/uploads/2019/10/Land-Lease-Options-for-Farmers-in-Hawaii_Final.pdf> |
| State | Network | Independent Farmers United | Farmer cooperation that supports independent, socially disadvantaged farmers and aspiring farmers seeking guidance on becoming sustainable. | <https://ifuhawaii.com/> |
| Federal | Network | USDA Agricultural Marketing Service | Local Food Compass Map  (temporarily offline as of 12/11/23) | <https://www.ams.usda.gov/local-food-sector/compass-map> |
| State | Network | Hawaiʻi Farmers Union United | Farmers Union made up of farmers, gardeners, and folks that purchase and consume locally produced products | <https://hfuuhi.org/chapters/> |
| State | Network | Hawaiʻi Farm Bureau | Non-profit organization founded by Hawaiʻi farmers and ranchers and working with organizations, communities and individuals involved in all aspects of the Agricultural Industry in Hawaiʻi. | <https://hfbf.org/> |
| State | Network | Hawaiʻi ʻUlu Cooperative | Farmer-owned business working to revitalize ‘ulu (breadfruit) as a viable crop and dietary staple by empowering farmers as change-makers in Hawaiʻi’s food system. | <https://ulu.coop/join-us> |
| State | Network | Oʻahu Resource Conservation & Development Council | Hawaiʻi Women Farmers Network | <https://oahurcd.org/wfn/> |
| Federal | Research Funding | USDA | Guide to USDA Agroforestry Research Funding Opportunities | <https://www.fs.usda.gov/nac/assets/documents/morepublications/usdaafresearchfunding.pdf> |
| Federal | Research Funding | USDA National Institute of Food and Agriculture | Research awards to universities, agencies and NGOs | <https://www.nifa.usda.gov/> |
| Federal | Research Funding | USDA Agricultural Research Service | Natural Resources and Sustainable Agricultural Systems Program Area | <https://www.ars.usda.gov/ARSUserFiles/02020000/NRSAS%204pagerDec2018.pdf> |
| Regional | Technical | Agroforestry Net Inc. | Agroforestry Guides for Pacific Islands | <https://www.agroforestry.org/free-publications/agroforestry-guides> |
| Regional | Technical | [Agroforestry Net](http://www.agroforestry.org/) Inc. | Agroforestry Landscapes for Pacific Islands | <https://www.agroforestry.org/free-publications/agroforestry-landscapes> |
| Regional | Technical | AgroforestryX | Agroforestry Design Tool | <https://www.agroforestryx.com/> |
| General | Technical | World Agroforestry Centre | Conservation Agriculture With Trees: Principles and Practice | <https://apps.worldagroforestry.org/downloads/Publications/PDFS/TM17693.pdf> |
| Federal | Technical | USDA Agroforestry Center | Publications | <https://www.fs.usda.gov/nac/resources/publications/index.php#information-sheets> |
| Regional | Technical | Agroforestry Net Inc. | Sustainable Traditional Agriculture Systems of the Pacific Islands | <https://www.agroforestry.org/images/pdfs/Sustainable_Agricultural_Systems_Pacific_Islands_Manner.pdf> |
| Regional | Technical | USDA Natural Resources Conservation Service | Hawaiʻi/Pacific Islands Area Documents | <https://efotg.sc.egov.usda.gov/?map=HI#/state/HI/documents/section=1&folder=64896> |
| Regional | Technical | Agroforestry Net Inc. | Growers Guide to Pacific Islands Agroforestry Systems, Information Resources and Public Assistance Programs | <https://www.agroforestry.org/images/pdfs/Growers_Guide_Pacific_Agroforestry_Elevitch_etal.pdf> |
| State | Technical | USDA Animal and Plant Health Inspection Service Hawaiʻi State Office | Feral pig removal assistance | <https://www.aphis.usda.gov/aphis/ourfocus/wildlifedamage/SA_Program_Overview/SA_Contact/ws-state-info?st=HI:Hawaii> |
| State | Technical | Hawaiʻi ʻUlu Cooperative | ‘Ulu Production Primer | <https://ulu.coop/breadfruitprimer> |
| State | Technical | Hawaiʻi ʻUlu Cooperative | Hawaiʻi Breadfruit Management Calendar | <https://ulu.coop/hawaii-ulu-cooperative-breadfruit-management-calendar> |
| State | Technical | Hawaiʻi ʻUlu Cooperative | Food Safety Modernization Act (FSMA) Compliance Guide | <https://ulu.coop/huc-produce-safety-guide-blog-post> |
| State | Technical | Hawaiʻi ʻUlu Cooperative | ‘Ulu Propagation Techniques | <https://ulu.coop/files/Propagation_Techniques_11_18.pdf> |
| State | Technical | UH College of Tropical Agriculture and Human Resources | Breadfruit and Breadfruit Diseases in Hawai‘i | <https://ulu.coop/files/breadfruit_diseases.pdf> |
| State | Technical | Natural Farming Hawai'i | Korean Natural Farming Information | <https://naturalfarminghawaii.net/> |
| State | Technical | State of Hawaiʻi Department of Agriculture | Hawaiʻi Produce Safety And Auditing Services | <https://www.hifarmsafe.org/> |
| State | Technical | UH College of Tropical Agriculture and Human Resources | Breadfruit Postharvest Handling and Quality Maintenance Guidelines | <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/FN-58.pdf> |
| International | Technical | Pacific Island Farmers Organisation Network | Breadfruit Manual A Manual for Growing and Marketing Breadfruit | <https://www.breadfruitpeople.com/wp-content/uploads/2022/07/Breadfruit-Manual.pdf> |
| State | Technical | UH College of Tropical Agriculture and Human Resources | Nutrient Management for Breadfruit Production | <https://ulu.coop/files/Nutrient_Breadfruit_guide.pdf> |
| State | Technical | Hawaiʻi ʻUlu Cooperative | ‘Ulu Deficiency Symptoms In Hawai‘i | <https://ulu.coop/breadfruitdeficiencysymptoms> |
| State | Technical | Hawaiʻi ʻUlu Cooperative | ‘Ulu Agroforestry in Hawai‘i | <https://ulu.coop/files/Ulu_Agroforestry_Guide.pdf> |
| State | Technical | UH College of Tropical Agriculture and Human Resources | Pruning Breadfruit | <https://ulu.coop/files/PruningHandbook_3_19.pdf> |
| State | Technical | UH College of Tropical Agriculture and Human Resources | Breadfruit and Breadfruit Diseases in Hawai‘i | <https://ulu.coop/files/breadfruit_diseases.pdf> |
| State | Technical | GrowParadise | Grafting and Air Layering | <https://ulu.coop/files/Grafting_airlayer_guide.pdf> |
| State | Technical | Oʻahu Resource Conservation & Development Council | Agroforestry Resources | <https://oahurcd.org/agroforestry/> |
| State | Technical | UH College of Tropical Agriculture and Human Resources | Hawaiʻi forestry & agroforestry trees | <https://cms.ctahr.hawaii.edu/forestry/Forestry-Agroforestry-Trees> |
| State | Technical | Hawaiʻi Agriculture Research Center | Experiment Station Publications | https://www.hawaiiag.org/harc/HARCPB13.htm |
| State | Technical | Hawaiʻi Homegrown Food Network | Food-producing agroforestry landscapes for Hawaiʻi | <https://hawaiihomegrown.net/talking-story/527-food-producing-agroforestry-landscapes-for-hawaii> |
| Federal | Technical | USDA Rural Development | Appropriate Technology Transfer for Rural Areas (ATTRA) Agroforestry Resources | <https://attra.ncat.org/topics/agroforestry/> |
| Federal | Technical | USDA National Agricultural Statistics Service | Census of Agriculture | <https://www.fs.usda.gov/nac/maps-data/census-agriculture/index.php> |
| Federal | Technical | USDA National Agroforestry Center | Agroforestry Publications | <https://www.fs.usda.gov/nac/resources/publications/index.php> |
| Federal | Technical | USDA National Agroforestry Center | Agroforestry Photos and Videos | <https://www.fs.usda.gov/nac/resources/photos-and-videos.shtml> |
| Federal | Technical | USDA National Agroforestry Center | Agroforestry Webinars | <https://www.fs.usda.gov/nac/resources/webinar-library/> |
| Federal | Technical | USDA National Agroforestry Center | Agroforestry Training Resources | <https://www.fs.usda.gov/nac/resources/training-resources.shtml> |
| Federal | Technical | USDA National Agroforestry Center | Agroforestry Tools (Design, Planning, Economic, Learning and Networking) | <https://www.fs.usda.gov/nac/resources/tools/index.shtml> |