



TEXAS DEPARTMENT OF AGRICULTURE COMMISSIONER SID MILLER



**AGRICULTURE PRODUCTION RESOURCE OPPORTUNITY (AgPro)
Allowable Expense Guidance**

TEXAS AGRICULTURAL FINANCE AUTHORITY

AGRICULTURE PRODUCTION RESOURCE OPPORTUNITY (AgPro)

The Texas Department of Agriculture (TDA) administers the Agriculture Production Resource Opportunity Grant program (AgPro) under the direction of the Texas Agricultural Finance Authority (TAFE).

The purpose of this program is to provide financial assistance to agriculture producers who are engaged in creating or expanding agricultural operations in Texas. This grant program is intended to support individuals or entities directly engaged in the production of agricultural products for commercial purposes, whereby 50 percent or greater of their gross income is derived from those products..

The following examples of general expenses are provided as supplemental information for grant applicants to consider as they develop their requested budget. Not all eligible items are listed. Contact the Grants office at grants@TexasAgriculture.gov for project eligibility or clarification.

The following table of categories represent common types of costs that may be eligible across agricultural operations. These are intended to provide a broad framework before reviewing sector-specific examples.

General Eligible Expenses	General Ineligible Expenses
<ul style="list-style-type: none"> ✓ Production Inputs <ul style="list-style-type: none"> • Livestock purchases • Seeds, seedlings, and plants • Genetic inputs (e.g., artificial insemination) ✓ Equipment & Tools <ul style="list-style-type: none"> • Equipment, parts, and installation labor • Equipment attachments • Equipment rentals <p><i>Capitalized Equipment</i></p> <ul style="list-style-type: none"> • (>\$10,000 and useful life >1 year) <p><i>Non-Capital Equipment</i></p> <ul style="list-style-type: none"> • (<\$10,000; durable, non-consumable items) ✓ Infrastructure & Improvements <ul style="list-style-type: none"> • Construction of operational structures (e.g., pens) • Refurbishment of existing structures (e.g., barns, wells) • Fencing 	<ul style="list-style-type: none"> ✗ Prohibited Goods & Activities <ul style="list-style-type: none"> • Alcoholic beverages • Entertainment expenses • Tips or gratuities • Contributions (charitable or political) ✗ Vehicles & Transportation <ul style="list-style-type: none"> • ATV/UTVs • Golf carts ✗ Licenses, Certifications & Fees <ul style="list-style-type: none"> • TDA licenses, including but not limited to: <ul style="list-style-type: none"> ○ Agricultural Pesticide ○ Hemp ○ Plant Quality ○ Grain Warehouse ○ Seed Certification ○ Aquaculture ○ HMPC ○ Egg Law ○ Scale

General <u>Eligible</u> Expenses	General <u>Ineligible</u> Expenses
<ul style="list-style-type: none"> • Capital Improvements (Projects that increase value or extend useful life, such as new barns or water wells) ✓ Land & Operations <ul style="list-style-type: none"> • Land lease • Fuel • Fertilizer ✓ Crop Protection <ul style="list-style-type: none"> • Pesticides, including: <ul style="list-style-type: none"> ○ Herbicides ○ Insecticides ○ Fungicides ○ Pre-emergent treatments ✓ Professional Services <ul style="list-style-type: none"> • Contracts (third-party services for project work) • Veterinary expenses ✓ Personnel <ul style="list-style-type: none"> • Employee salaries and wages (project-related only) • Employee benefits • Note: Applicant/owner labor is not eligible. ✓ Training <ul style="list-style-type: none"> • Continuing Education Units (CEUs) ✓ Supplies & Operating Costs <ul style="list-style-type: none"> • Materials and supplies • Fabricated parts • Other direct project expenses 	<ul style="list-style-type: none"> ○ Packaging • Organic certification costs <i>(See USDA National Organic Certification Cost Share Program for assistance)</i> ✗ Marketing, Promotion & E-Commerce <ul style="list-style-type: none"> • Marketing or advertising expenses • Promotional items for the business • Video production • Website design • E-commerce development ✗ Travel <ul style="list-style-type: none"> • Travel expenses • Lodging • Meals ✗ Land & Real Property <ul style="list-style-type: none"> • Purchase of land ✗ Personnel & Related Costs <ul style="list-style-type: none"> • Value of the applicant’s own services • Personnel costs for immediate family members ✗ Timing & Compliance Issues <ul style="list-style-type: none"> • Expenses incurred before the approved grant start date • Expenses incurred after the end date of the agreement • Expenses not included in the approved project budget • Expenses that do not meet the intent of the program

The following are examples of eligible items and expenses relevant to different types of agricultural operations. These items will give the applicant an idea of the variety of expenses they can ask for in the grant application.

Apiary Expansion

Applicants should consider all components necessary to establish, expand, and maintain healthy bee colonies, as well as to harvest and process hive products. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Colony Establishment & Expansion

Items required to build and grow new hives.

- Queens (one per new hive; requeening of existing hives is not eligible)
- Package bees
- Nucleus colonies (nucs – bees with boxes)
- Complete hive kits (assembled hive bodies)
- Nuc boxes (transport and colony splits)
- Swarm traps

Hive Equipment & Components

- Hive bodies / supers
- Frames
- Foundation wax

Hive Accessories:

- Covers (telescoping, Western, flat covers)
- Bottom boards
- Queen excluders
- Entrance reducers
- Division board feeders
- Entrance feeders
- Top feeders
- Metal frame spacers
- Metal rabbets
- Eyelets
- Frame wire
- Pollen traps

Beekeeping Tools & Protective Gear

- Bee suits, jackets, and veils
- Gloves
- Smokers
- Hive tools
- Bee brushes

- Frame assembly tools (jigs, nailers)
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Honey Harvesting Equipment

- Extractors
 - Uncappers and uncapping knives
 - Capping scratchers
 - Honey filters and strainers
 - Honey refractometers
 - Stainless steel containers
 - Wax melters
 - Gates for honey storage
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Pollination & Production Support

- Pollination service equipment
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Bee Health, Biosecurity & Pest Management

- Varroa mite monitoring tools (sticky boards, alcohol wash kits)
 - Approved mite treatment application equipment (no chemicals, if restricted)
 - Hive beetle traps
 - Nosema testing kits
 - Bee health diagnostic kits
 - Hive sterilization equipment (torch kits, cleaning systems)
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Environmental Support & Apiary Infrastructure

- Hive stands (elevated bases)
 - Hive insulation wraps
 - Windbreak materials
 - Shade structures for apiaries
 - Watering systems (apiary-specific)
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Feeding & Nutritional Support Systems

- Supplemental feeding equipment
- Pollen patty feeders
- Sugar syrup mixing and storage tanks

Aquaculture

Applicants should consider all components necessary to produce, manage, harvest, and market aquatic species. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Production Systems (Ponds, Tanks & RAS)

Infrastructure used to raise aquatic species.

- Pond construction components (liners, levees, aeration infrastructure)
- Tank systems (fiberglass, polyethylene, or concrete tanks)
- Recirculating Aquaculture Systems (RAS), including:
 - Grow-out tanks
 - Filtration units
 - Biofilters
- Raceway systems
- Cage culture systems

Water Quality & Filtration Systems

Critical systems that maintain water conditions for fish health and growth.

- Mechanical filtration systems
- Biological filtration systems
- Drum filters / bead filters
- UV sterilization systems
- Ozone systems
- Protein skimmers (foam fractionators)
- Water testing kits and probes (pH, ammonia, dissolved oxygen, etc.)

Aeration & Oxygenation

Equipment used to maintain adequate oxygen levels.

- Paddlewheel aerators (pond systems)
- Diffused aeration systems
- Air blowers
- Air stones / diffusers
- Oxygen injection systems
- Backup oxygen supply systems

Water Movement & Pumping Systems

Equipment used to circulate and manage water flow.

- Water pumps (circulation, transfer)
- Intake and discharge piping systems

- Valves and flow control systems
 - Water level control structures
 - Sump systems
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Feeding Systems & Nutrition Management

Equipment used to deliver feed efficiently.

- Automatic feeders
 - Demand feeders
 - Feed blowers
 - Feed storage bins (aquaculture use)
 - Feed distribution systems
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Harvesting & Handling Equipment

Equipment used to harvest, sort, and transport aquatic species.

- Seine nets
 - Dip nets
 - Grading equipment / fish sorters
 - Fish pumps (live transfer systems)
 - Harvest tanks
 - Hauling tanks (non-road use)
 - Fish baskets and totes
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Biosecurity & Animal Health

Systems that support disease prevention and stock health.

- Quarantine tanks / systems
 - Disinfection systems (footbaths, equipment sanitation)
 - Fish health diagnostic kits
 - Treatment application equipment
 - Predator control systems (netting, barriers)
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Environmental Control & Monitoring

Systems that improve production efficiency and reduce risk.

- Water quality monitoring systems (continuous sensors)
 - Temperature control systems (heaters/chillers for tanks)
 - Weather stations (on-site)
 - Alarm systems (oxygen, water level, power loss)
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Infrastructure & Site Development

Foundational improvements needed to support operations.

- Pond liners
- Gravel and geotextile (for tank pads, walkways)
- Access improvements (loading areas, work platforms)
- Drainage systems

Utilities & Backup Systems

Systems required to maintain continuous operation.

- Backup generators (critical for aeration and pumping)
- Electrical installation for aquaculture systems
- Water supply infrastructure (wells, intake structures, where allowed)

Data Management & Technology

Tools used to monitor production and improve decision-making.

- Aquaculture management software (one-time setup)
 - Feeding and growth monitoring systems
 - Data logging systems (water quality, production metrics)
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Dairy

Applicants should consider all components necessary to milk, cool, store, manage, and support dairy herd operations. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Milking Systems & Parlor Equipment

Core systems used to extract milk efficiently and safely.

- Milking machines (portable or parlor systems)
- Pipeline milking systems
- Milking units (clusters, pulsators, vacuum pumps)
- Automatic take-offs (ATO)
- Milk meters
- Milking parlor equipment, including:
 - Stalls
 - Parlor control systems
- Robotic milking systems (if allowed)

Milk Cooling, Storage & Handling

Systems that ensure milk quality and proper storage.

- Bulk milk tanks (including refrigerated tanks)
- Milk cooling systems (plate coolers, chillers)
- Ice banks
- Milk transfer pumps
- Milk storage silos (on-farm use only)
- Milk filtration systems

Animal Handling & Barn Equipment

Infrastructure used to manage cow movement and housing.

- Headlocks / stanchions (dairy-specific)
- Sorting gates (dairy barns)
- Crowd gates (holding areas)
- Holding pen equipment
- Automatic crowd pushers (parlor systems)

Freestall Components:

- Stall dividers
 - Brisket boards
 - Neck rails
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Herd Monitoring & Animal Health Technology

Systems used to monitor herd performance, reproduction, and health.

- Activity monitors / heat detection systems
 - Rumination monitoring systems
 - Mastitis detection equipment
 - Milk conductivity sensors
 - Ultrasound equipment and accessories
 - Electronic identification (EID) systems and readers
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Calf & Youngstock Management

Equipment supporting calf health and development.

- Calf hutches (individual or group)
 - Calf feeding systems (automatic or manual)
 - Milk replacer mixing systems
 - Calf warming boxes
 - Weaning pens
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Feeding & Nutrition Systems

Equipment used to deliver balanced rations and manage feed.

- TMR mixers (stationary or pull-type)
 - Feed pushers (manual or automated/robotic)
 - Commodity storage bins (feed only)
 - Silage feeding systems
 - Mineral feeders (dairy-specific)
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Manure Management & Environmental Systems

Systems used to manage waste and support environmental compliance.

- Manure scrapers (automatic or mechanical)
 - Flush systems
 - Slurry pumps
 - Manure separators (solid-liquid separation)
 - Composting systems (dairy manure)
 - Lagoon agitation equipment
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Water Systems & Utilities

Infrastructure required for hydration, cleaning, and system operations.

- Automatic waterers (dairy-rated)
 - Water troughs
 - Water line systems within dairy facilities
 - Plate cooler water reuse systems
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Ventilation, Cooling & Barn Climate Control

Systems that maintain animal comfort and productivity.

- Ventilation systems:

- High-volume, low-speed (HVLS) fans
 - Tunnel ventilation systems
 - Cooling systems:
 - Misters / fogging systems
 - Soakers
 - Curtains (sidewall systems)
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Sanitation, Cleaning & Milk Quality Control

Systems required to maintain food safety and regulatory compliance.

- CIP (Clean-in-Place) systems
 - Wash systems for milking equipment
 - Sanitation systems
 - Milk testing kits (quality control)
 - Laboratory sampling equipment
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Power, Electrical & Efficiency Systems

Infrastructure needed to support dairy operations and reliability.

- Backup generators (milking and cooling systems)
 - Electrical upgrades for dairy equipment
 - Heat recovery systems (from milk cooling)
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Data Management & Technology Systems

Tools used to manage production data and improve decision-making.

- Dairy management software (one-time setup only)
- Parlor management systems
- Data integration systems (milk yield, herd tracking)

Forestry

Applicants should consider all components necessary to **establish, manage, harvest, and utilize forest resources**. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Reforestation & Establishment

Items used to establish or re-establish forested land.

- Tree planting equipment (manual or mechanical planters)
- Seedlings (tree stock for forestry purposes)
- Site preparation equipment (subsoilers, rippers, bedding equipment)
- Tree shelters / tubes (wildlife protection)
- Stakes and supports for young trees

Forest Management & Stand Improvement

Equipment used to maintain forest health and improve productivity.

- Forestry mulchers
- Brush cutters / clearing equipment
- Chainsaws (commercial use)
- Pole saws / pruning equipment
- Thinning equipment
- Prescribed burn equipment (drip torches, fire rakes, flappers)

Fire Prevention & Risk Mitigation

Critical systems in Texas for protecting timber assets and surrounding land.

- Firebreak equipment (plows, disks, blades)
- Water tanks for fire suppression (non-road use)
- Skid sprayers (for fire control)
- Fire suppression trailers (non-road use)
- Controlled burn monitoring tools

Harvesting & Timber Handling

Equipment used to harvest, move, and stage timber.

- Skidders
- Log loaders / grapples
- Log trailers (non-road use)
- Winches (forestry use)
- Chippers / wood processors
- Debarkers

Conservation & Land Stewardship

Practices and tools that improve long-term sustainability and land condition.

- Erosion control materials (silt fence, erosion matting)
- Stream crossing stabilization materials
- Road and trail stabilization (gravel, geotextile)
- Wildlife habitat improvement equipment (if tied to forestry goals)

Access Infrastructure & Site Development

Improvements that allow safe and efficient forestry operations.

- Access road development (forestry-related use only)
- Culverts for forest roads
- Turnarounds / loading areas
- Equipment staging areas

Monitoring, Mapping & Technology

Tools used to manage forest resources and improve decision-making.

- GPS units (forestry mapping)
- GIS/software (one-time setup)
- Timber cruise equipment (diameter tapes, clinometers)
- Remote sensing tools (non-drone)
- Weather monitoring stations (on-site)

Safety & Operational Equipment

Items that improve operator safety and field operations.

- Personal protective equipment (PPE): helmets, chaps, eye/ear protection
- First aid and emergency response kits (field use)
- Communication equipment (radios for remote operations)

Fruit and Vegetable Production

Applicants should consider all components required to produce, harvest, handle, and market specialty crops. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Production Infrastructure (Field & Controlled Environment)

Structures and systems used to grow crops in field, orchard, vineyard, or controlled environments.

- Greenhouses:
 - Hydroponic
 - Overwintering
 - Production
 - Shade systems
- High tunnels / hoop houses
- Trellis materials (berries and vines)
- Fruit stock (trees, vines, plants)

Irrigation & Water Management

Systems that support efficient water delivery and crop health.

- Irrigation systems, including:
 - Controller systems
 - Fertigation systems
 - Filter systems
 - Frost protection systems
 - Overhead irrigation
 - Pivot systems
 - Pond liners
 - Pumps
 - Storage tanks

Field Preparation & Planting Equipment

Equipment used to establish and maintain crop production.

- Field planters
- Transplanters (vegetable crops)
- Bed shapers / bed formers
- Plastic mulch layers / lifters
- Mulch machines
- Cultivators (mechanical weed control)
- Vineyard hoes

- Cover crop seeders
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Crop Protection & Monitoring

Tools and systems used to protect crops and optimize production.

- Pest control systems:
 - Bird control netting
 - Wildlife barriers
 - Sprayers / spray equipment
 - Orchard sprayers (air-blast)
 - Netting systems (hail protection, sun protection)
 - Wind machines (frost protection for orchards/vineyards)
 - Soil moisture sensors
 - Weather stations (on-site)
 - Crop monitoring systems (non-drone)
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Harvesting & Field Handling

Equipment used during harvest and immediate post-harvest handling.

- Harvest bins / lugs
 - Food-grade totes, bins, and macro bins
 - Conveyor belts (harvest assist)
 - Platform lifts (pruning/harvesting)
 - Orchard ladders
 - Mechanical harvest assist systems
 - Fruit thinning equipment
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Post-Harvest Cooling & Storage

Systems that preserve quality and extend shelf life.

- Cold storage, including:
 - Walk-in coolers
 - Freezers
 - Chilling units (not HVAC/AC systems)
 - Hydrocoolers (field heat removal)
 - Forced-air cooling systems
 - Ice machines (produce cooling)
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Food Safety, Sanitation & Worker Welfare

Items required for compliance with food safety standards and worker protection.

- GAP / Produce Safety-related costs
- Hand washing stations for workers
- Restroom facilities, including:
 - Sinks and toilets
 - Electrical and plumbing / hot water heaters
- Sanitation systems and supplies
- Signs related to Produce Safety requirements

- Biosecurity items

Utilities & Climate Control

Systems necessary for production and facility operation.

- Greenhouse heaters
- Greenhouse fans
- Thermostats (greenhouse)
- Lighting (non-aesthetic, operational only)
- Wood boilers

Soil Health, Composting & Conservation

Practices and equipment that improve long-term productivity.

- Soil mixers
- Compost spreaders
- Composting systems
- Soil testing (lab analysis or equipment)
- Erosion control materials (beyond gravel/geotextile)

Site Development & Base Infrastructure

Foundational improvements necessary to support operations.

- Gravel for:
 - Foundations
 - Propagation areas
- Geotextile materials

Horticulture

Applicants should consider all components necessary to produce, propagate, handle, and market horticultural products (e.g., nursery, floriculture, greenhouse, and specialty plant production). These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Production Infrastructure (Greenhouse & Field Systems)

Structures and core systems used to grow horticultural crops.

- Greenhouses, including:
 - Structure and covering
 - Hydroponic systems
 - Overwintering houses
 - Shade systems
- High tunnels / hoop houses
- Cold frames
- Container production areas
- Potting buildings
- Drying houses (flowers)
- Vertical growing systems (rack systems)

Controlled Environment & Climate Systems

Equipment used to regulate temperature, airflow, and growing conditions.

- Greenhouse heaters
- Wood boilers
- Greenhouse fans
- Thermostats (greenhouse)
- Lighting (non-aesthetic; greenhouse/production use only)

Irrigation & Water Management

Systems that deliver and manage water and nutrients.

- Irrigation systems, including:
 - Controller systems
 - Filter systems
 - Overhead and drip irrigation
 - Pivot systems
 - Pond liners
 - Pumps
 - Water level control systems
- Automated irrigation dosing systems (fertigation units)

- Boom irrigation systems (greenhouse)
 - Water storage tanks
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Propagation & Plant Establishment

Equipment used to start and establish plants.

- Propagation equipment
 - Propagation mats
 - Automated seeding equipment
 - Transplanters (vegetable/plug trays)
 - Soil mixers
 - Potting wagons
 - Microgreen production systems
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Growing Systems & Advanced Production Methods

Specialized systems for efficient and high-density production.

- NFT (nutrient film technique) systems
 - Aeroponic systems
 - Aquaponics systems
 - Benching systems (ebb & flow tables)
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Field & Crop Management Equipment

Equipment used for soil preparation, maintenance, and crop care.

- Field planters
 - Spaders
 - Roller crimpers
 - Mulch machines
 - Mulch layers / lifters
 - Fertilizer equipment
 - Spray equipment / sprayers
 - Trellis materials
-

Harvesting & Plant Handling Equipment

Equipment used to harvest and move plant material.

- Tree balers (standing)
 - Tree claws
 - Tree lifters / shakers
 - Tree spades
 - Tree transplanters
 - Tree trimmers
 - Tree hauling wagons
 - Robotic or semi-automated harvest aids (where applicable)
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Post-Harvest Handling, Storage & Packing

- Packing facilities

- Packing line equipment
 - Production line equipment
 - Conveyor belts (greenhouse/packing)
 - Cold storage, including:
 - Walk-in coolers
 - Associated components
 - Sinks (produce washing)
 - Loading areas / docks
 - Rolling carts
-

Site Development & Base Infrastructure

Foundational improvements required to support operations.

- Gravel (geotextile preferred), including:
 - Foundations
 - Propagation areas
 - Container production areas
-

Water & Utility Support Systems

Supporting infrastructure necessary for operations.

- Water level control systems
- Water storage tanks

Livestock & General Small Equipment

Applicants should consider all components necessary to support daily livestock operations, feeding, pasture management, and animal health. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Animal Handling & Management Equipment

Equipment used for routine handling, sorting, and animal care.

- Alley frames / alleyways
- Mobile calf catcher pens
- Sheep/goat fitting stands
- Sheep shears
- Ultrasound equipment and accessories

Feeding Systems & Nutrition Management

Equipment used to deliver feed efficiently and reduce waste.

- Automatic cube/pellet feeders (cake feeders)
- Bunk feeders
- Creep feeders
- Covered mineral feeders (stand-alone, ground use only)
- Hay rings / hay feeders
- Hay unrollers
- Slant bar hay feeding wagons

Water Systems & Hydration Infrastructure

Systems required to provide consistent and reliable water access.

- Livestock water troughs (portable or permanent)
- Automatic waterers
- Float valve systems
- Water line installation (pasture distribution lines)
- Frost-free hydrants
- Water hauling tanks (non-road use only)

Livestock Monitoring & Technology

Tools used to track animal performance, health, and identification.

- Animal scales / indicators
- Electronic identification (EID) readers

Pest Control & Animal Health Support

Equipment used to maintain herd health and reduce stress.

- Fly sprayers and/or oilers
 - Litter management items
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Feed Storage & Handling

Infrastructure and equipment used to store and distribute feed.

- Feed bins
 - Feed bin unload augers
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Pasture & Forage Management

Equipment used to establish, maintain, and improve grazing land.

- Broadcast spreaders (cone type, 3-point hitch or ATV/UTV mounted)
- Fertilizer spreaders (tow-behind units)
- Pasture sprayers
- Pasture sprayers with GPS
- No-till drills (pasture establishment)
- Seed tenders (for pasture seeding)
- Pasture aerators
- Drag harrows (manure management)
- Pasture rollers

Livestock Working Facility Costs

Applicants should consider all components necessary to safely and efficiently handle livestock. The categories below are designed to help identify complete working systems, including handling, safety, and operational infrastructure. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Animal Flow & Handling Systems

Core infrastructure used to move and control livestock through the facility.

- Alley frames and alleyways
- Crowding / sweep tubs
- Corral panels (portable panels, gate-in-frame / bow gates)
- Continuous pipe panels (interior use only; must be installed at time of reimbursement)
- Creep panels
- Feeder panels
- Pasture gates (interior use only; must be installed at time of reimbursement)

Restraint Equipment

Equipment used to safely restrain livestock for veterinary care and management.

- Squeeze chutes
- Head gates
- Headlock stanchions / palpation rails / stall loops
- Palpation cages
- Hoof trimming tables or chutes
- Tilt / roll tables
- Neck extenders / brisket bars / head holders

Loading & Transport Infrastructure

Equipment that supports safe and efficient loading/unloading of livestock.

- Loading chutes
- Adjustable loading ramps
- Trailer alignment systems (dock bumpers, guides)
- Alley back stops / rolling block doors

Weighing, Identification & Data Systems

Technology used for livestock tracking, performance monitoring, and recordkeeping.

- Livestock platform scales
- Load bars (portable scale systems)
- Scale heads / indicators

- RFID readers / tag scanners
 - Data management systems
-

Safety & Operator Protection Features

Infrastructure that protects both livestock and handlers during operations.

- Anti-slip flooring (rubber mats, grooved concrete)
 - Kick panels
 - Safety escape gates (man gates)
 - Catwalks (operator access above alleys/chutes)
 - Handrails and safety barriers
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Biosecurity & Sanitation

Systems designed to reduce disease risk and maintain herd health.

- Boot wash stations
 - Equipment wash-down stations
 - Disinfection systems (trailers and equipment)
 - Designated quarantine pen infrastructure
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Utilities & Operational Infrastructure

Supporting systems required for proper operation of the facility.

- Working facility lighting (non-aesthetic; safety/operations only)
 - Electrical installation for chute systems
 - Water access infrastructure (cleaning and livestock handling)
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Structural & Support Components

Additional components that enhance functionality and usability.

- Carriages for squeeze chutes

Poultry

Applicants should consider all components necessary to house, manage, feed, water, ventilate, and handle poultry and poultry products. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Poultry Housing & In-House Equipment

Equipment used within poultry houses to support daily production.

- Poultry house equipment (equipment only; not full building construction)
- Nesting boxes
- Brooders
- Perches / roosting systems
- Interior partitions / penning systems
- Curtains or sidewall systems (house operation only)

Feeding & Watering Systems

Equipment used to provide feed and water efficiently.

- Automatic feeders
- Feed lines and pans
- Chick feeders
- Water lines
- Nipple drinker systems
- Bell drinkers
- Medication proportioners / dosing systems
- Feed bins (poultry use)
- Augers for feed delivery systems

Egg Collection & Handling

Equipment used for egg production.

- Egg collection systems
- Egg conveyors
- Egg washing equipment
- Egg grading equipment
- Egg candlers
- Egg packing tables
- Refrigerated egg storage units
- Egg carts / flats / trays (commercial scale)

Climate Control & Ventilation

Systems that support bird health and house performance.

- Poultry-specific ventilation systems

- Exhaust fans
 - Circulation fans
 - Cooling pads
 - Heaters for poultry houses
 - Controllers for ventilation and temperature systems
 - Environmental monitoring systems
-

Litter & Waste Management

Equipment used to maintain house sanitation and bird health.

- Litter management systems
 - Litter windrow equipment
 - House cleanout equipment
 - Composting systems for litter or mortality management
 - Manure belts or manure collection systems (for layer operations)
-

Bird Health, Biosecurity & Sanitation

Equipment that supports flock health and disease prevention.

- Footbaths / sanitation stations
 - Wash-down equipment
 - Disinfection equipment
 - Biosecurity entry equipment
 - Mortality freezers or mortality handling equipment
 - Bird handling equipment for vaccination or inspection
 - Monitoring equipment for flock health
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Utility & Backup Systems

Supporting systems necessary for poultry operation continuity.

- Backup generators for poultry house systems
 - Electrical upgrades for poultry equipment
 - Water storage tanks
 - Alarm systems for ventilation or power loss
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Monitoring, Automation & Technology

Systems that improve management and operational efficiency.

- House controllers
- Feed monitoring systems
- Water consumption monitoring systems
- Environmental sensors
- Production recordkeeping systems / software (one-time setup)

Row Crop

Applicants should consider all components needed to successfully implement and operate their project. The categories below are intended to help identify complete system costs. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Harvesting & Crop Handling Equipment

Equipment used to harvest, transport, and manage crops post-harvest.

- Combine headers (grain headers, corn heads)
- Grain carts
- Cotton module builders
- Boll buggies (cotton)
- Cotton round bale handlers
- Bale spears / handlers (general use)
- Conveyors

Planting & Seeding Equipment

Equipment used to establish crops, including precision planting systems.

- Row crop planters
- Seed drills
- Air seeders
- No-till drills
- Cover crop seeders

Attachments & Enhancements:

- Row cleaners
- Closing wheels
- Seed firmers

Precision Agriculture Technology

Technology that improves efficiency, accuracy, and data-driven decision-making.

- GPS systems, including:
 - Auto-steer systems
 - Yield monitors
 - Variable rate controllers
 - Section control systems
- Field mapping software (one-time setup)

Nutrient & Crop Protection Application

Equipment used to apply fertilizer, herbicides, and other inputs.

- Boom sprayers (self-propelled or pull-type)
 - Fertilizer applicators
 - Side-dress applicators
-

Tillage & Field Preparation

Equipment used to prepare land, manage soil health, and control weeds.

- Cultivators (mechanical weed control)
 - Strip-till equipment
 - Subsoilers / rippers
 - Land levelers / graders
 - Roller/crimpers (for cover crops)
-

Irrigation & Water Management Systems

Infrastructure and equipment used to deliver and manage water efficiently.

- Center pivot systems
 - Drip irrigation systems (row crop)
 - Irrigation pumps
 - Flow meters
 - Underground piping systems
-

Grain Storage & Handling Infrastructure

Facilities and equipment used to store and manage harvested crops.

- Grain bins
 - Bin unload augers
 - Moisture monitors
-

Safety Equipment

Equipment that improves operator safety and reduces risk.

- Grain bin rescue tubes
-

Conservation & Land Improvement

Practices and structures that improve long-term land productivity and sustainability.

- Erosion control structures

Viticulture

Applicants should consider all components necessary to establish, manage, harvest, and handle vineyard production. These examples are provided for informational purposes only and are not a complete list of eligible items. Other sectors, equipment, and project costs may be eligible if they meet program requirements.

Vineyard Establishment & Development

Items required to establish new vineyard acreage.

- Grapevines (new plantings only)
- Rootstock and certified plant material
- Trellis systems, including:
 - Posts (metal or wood)
 - Wire systems
 - Anchors and end posts
- Vineyard row markers and layout equipment
- Planting equipment (augers, vine planters)
- Site preparation equipment (ripping, subsoiling, land leveling)

Vineyard Management Equipment

Equipment used for routine vine care and canopy management.

- Mechanical pruners
- Hedging equipment
- Leaf removal equipment
- Shoot thinning tools
- Under-vine cultivators
- Vineyard mowers
- Sprayers (air-blast or vineyard-specific)

Irrigation & Water Management

Systems that support vine health and water efficiency.

- Drip irrigation systems (vineyard-specific)
- Fertigation systems
- Pumps
- Filtration systems
- Water storage tanks
- Soil moisture monitoring systems
- Flow meters and pressure regulators

Frost & Weather Protection

Equipment used to mitigate weather-related risks.

- Wind machines (frost protection)
 - Frost protection irrigation systems
 - Row covers (young vines)
 - Weather stations (on-site monitoring)
 - Hail protection netting (if applicable)
-

Harvesting Equipment

Equipment used during grape harvest and transport.

- Grape harvest bins (macro bins)
 - Picking lugs
 - Vineyard trailers (non-road use)
 - Mechanical harvesters
 - Conveyor systems
-

Pest & Disease Management

Equipment used to protect vines and maintain crop quality.

- Bird netting
 - Wildlife exclusion fencing (vineyard-specific)
 - Integrated pest management (IPM) equipment
 - Spray equipment (vineyard-specific)
-

Soil Health & Vineyard Sustainability

Practices and equipment that improve long-term productivity.

- Soil testing (lab analysis or equipment)
 - Compost spreaders
 - Cover crop seeders
 - Erosion control materials
 - Mulching systems (vineyard rows)
-

Technology, Monitoring & Precision Viticulture

Tools used to improve decision-making and operational efficiency.

- Vineyard mapping systems
 - Yield monitoring systems
 - GPS guidance systems
 - Remote sensing tools (non-drone, if consistent with program rules)
 - Data collection and monitoring systems (vine health, irrigation, yield)
-

Infrastructure & Site Development

Foundational improvements required to support vineyard operations.

- Access roads (vineyard use only)
- Turn rows and equipment access lanes
- Drainage systems
- Gravel and geotextile for operational areas

The categories and examples provided above are intended for informational purposes only and are not exhaustive. They are designed to assist applicants in understanding the types of projects and costs that may be eligible under this program. Additional agricultural sectors, equipment, and project components not specifically listed may also be considered, provided they align with program objectives and eligibility requirements. Applicants are encouraged to present complete project proposals and may contact the Texas Department of Agriculture for clarification as needed.