

Your website. Your complete field guide.

Website, programs and
dashboard capabilities

EDITION 02

32 CHAPTERS

101 TOOLS

Design Your Site · Knopp Management · Farm Workshop · AG Directory · United Services · Auctions ·
Foundation Engineer · Farm Legacy · Silver Silo

Step-by-step workflows, access roles, record meanings, saving and exports, payment handoffs and
current limitations.

Programs reviewed September 30, 2026 · main website rechecked October 5, 2026

[Open the searchable online manual](#)

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CHAPTER 01 / EVERYONE

Start here: the Farmer Surplus network

Use this manual to choose the right program, understand its dashboards, and complete work without confusing a quote, a reservation, a payment, and an approval. Linked programs were reviewed on September 30, 2026; the main Farmer Surplus website was rechecked on October 5, 2026.

[Open this program ↗](#)

Choose your task

I need to...	Open	What happens there
Buy equipment or parts	Shop equipment	Browse the Ecwid catalog, cart and store account.
Request construction	Request a quote	Submit your scope, location and timing directly to Farmer Surplus.
Design a grain facility	Design Your Site	Build a layout, connect equipment, review an estimate and export plans.
Find manuals or practical tools	Farm Workshop	Open its library, help, calculators and support workspace.
Find an agricultural business	AG Directory	Search businesses, request pricing or review buyer opportunities.
Rent equipment or arrange labor	United Services	Submit requests, manage listings, dispatch work and follow job status.
Buy or sell used items	Auctions	Publish a listing, bid, buy and track separate settlement steps.
Estimate a bin foundation	Foundation Engineer	Use an approved drawing schedule for quantities and preliminary pricing.
Keep farm operation records	Farm Legacy	Review fields, bins, machinery, tasks, finances and exports.
Pay a plan or approved invoice	Plans & payments	Open the matching store item and pay the approved amount.
Request bulk meat or pantry cases	The Silver Silo Farmer Market	Build and submit a bulk quote request.

How to use the manual

- Start with the dashboard directory when you want to know who controls a function. Each program chapter then explains the main screens and normal workflow.

- Use the online manual search for a program, screen, action or problem. Use the chapter links for direct navigation. The PDF contains the same operating content for printing.
- A function described as implemented was found in the current application source or public interface. This does not mean every signed-in action was executed against live customer records. No purchases, bids, test leads or account changes were made for this review.
- Instructions describe current behavior. Recheck visible rates, terms, approval requirements and saved status when completing actual work. This manual is a dated edition, not an automatically updating record.

Accounts and records

System	Account / storage	Important boundary
Farmer Surplus workspace	Native email/password account	Projects, approved work roles and native auctions; separate from Ecwid and previous ChatGPT records.
Farmer Surplus store	Ecwid store account	Orders and subscriptions live in the store. They are separate from auction and program records.
Auction Yard	Native account or existing ChatGPT auction identity	Previous and new identities retain separate histories; email matching does not merge records.
AG Directory / United Services / Farm Workshop	Each program has its own signed-in workspace	Opening another program does not automatically transfer job, lead or membership records.
Design Your Site	Its own username/password account; local project backups	Cloud layouts require its login. A local JSON export is a separate backup.
Foundation Engineer	Current browser/device plus exported project file	Save does not create a cloud account or synchronize devices.
Farm Legacy	One shared farm workspace in the current implementation	Do not treat it as separate private workspaces for different customers.
Silver Silo Farmer Market	Browser basket and emailed request	Submitting a basket does not create a confirmed paid order.

CHAPTER 02 / EVERYONE

Your first project: a guided tutorial

Follow this example to go from a storage goal to a useful conversation with Farmer Surplus. The figures are an illustration, not a quote or an equipment specification.

1. Start with the farm, not a model number

1. Open the main website and tap Chat on your phone or Ask Farmer Surplus on a larger screen. Type: I want 100,000 bushels of total storage.
2. When asked about existing storage, enter 40,000 bushels of empty, usable dry storage. The additional storage gap is 60,000 bushels.
3. Enter corn and say whether it comes in dry or needs drying. For this example, choose drying and 12,000 bushels on a peak harvest day.
4. Describe the bins, dryer and handling equipment you want to keep, the project location and a budget range. Correct any misunderstood number immediately. Start over clears this chat and its planning answers.

2. Understand the preliminary numbers

Input or calculation	What it means
$100,000 - 40,000 = 60,000 \text{ bu}$	Additional dry storage needed for this example. Existing wet holding is separate.
$12,000 \times 1\text{-}2 \text{ days} =$ $12,000\text{-}24,000 \text{ bu}$	Mason's initial wet-capacity allowance. This volume buffer is not a safe wet-grain holding duration.
$12,000 / 12 = 1,000 \text{ bu/hr}$	Required dryer rate while running over the assumed 12-hour window, before downtime allowance. Verify actual crop and moisture performance.
$1,000 \text{ bu} / 10 \text{ min} \times 60 =$ $6,000 \text{ bu/hr}$	Example grain-flow rate during truck unloading. Positioning, truck cycles and downstream equipment can reduce overall throughput.

3. Use the Facility Planner

1. Open the Facility Planner source link in chat, or open Farm Workshop > Tools > Facility Planner. Relevant supplied inputs can travel with the link; review every value and any remaining defaults.
2. Work through Your harvest, Drying & wet holding, Handling & layout, and Your facility plan. Enter acres, yield, the amount kept on farm, existing storage and harvest pace.
3. Set moisture, actual dryer rate, operating hours, downtime, start delay and wet holding. Look for a queue that keeps growing: more wet storage does not repair an undersized drying process.
4. Review truckloads, unloading time, receiving equipment and the slowest active component. Leave room for traffic, maintenance and future expansion.

5. Review the result and save through the options available to your Workshop account. A chat link alone has not created an account-saved plan.

Keep in mind

Workshop membership and sign-in requirements still apply. Manufacturer ratings, grain condition and the actual site govern final equipment selection.

4. Sketch, compare and request a quote

1. Open Design Your Site for a visual layout. Place the selected equipment and check heights, connections, truck routes and maintenance access. Save an editable JSON backup as well as any presentation export.
2. Compare current store products and required options. The chat reference contains 2,614 products from August 30, 2026; old catalog sizes are examples to verify, not confirmed inventory or current prices.
3. Choose Request a quote. Include total and additional bushels, crop, harvest-day volume, moisture, existing equipment, location, timing, budget and desired scope. Mention freight, erection, foundations and electrical work explicitly.
4. Review contact information and submit once. Wait for Request sent. A submitted quote request is not a confirmed price, scheduled crew or placed order.
5. For ongoing project tracking, create a Farmer Surplus account and use Request work. Keep the quoted scope and project reference together in Documents and Support.

CHAPTER 03 / EVERYONE

Ask Farmer Surplus: storage and product guidance

Use chat to start a grain project, find products by name or SKU, reach the right Workshop calculator, or locate applicable manual references. It is a guided planning and source-search assistant.

[Open this program ↗](#)

Questions worth trying

Type this	Expected help
I need more grain storage	Starts with how many bushels, then clarifies additional versus total storage.
I have 800 acres at 180 bushels per acre	Calculates harvest volume and asks how much you actually want to store.
What do you sell?	Explains equipment, parts, manufacturing and service families.
Find SGB4812	Finds the catalog identity and configuration choices; current store information takes priority.
Show me the bin pad calculator	Links to the verified Workshop calculator rather than a generic tool page.
Find the Sukup L24103 manual emergency stop main power warning	Uses the named publication and source pages; check the original warning and equipment applicability.

What chat remembers and what it can do

- The current browser tab keeps recent conversation and planning answers. Start over clears both. It does not create a durable customer or Workshop plan.
- State a correction clearly: Actually, make it 80,000 bushels. The assistant can retain crop, existing storage and other supplied planning information while updating the goal.
- Dry grain follows a receiving, storage and reclaim/loadout path. Wet holding and a dryer are not automatically required.
- The older catalog teaches product names, categories, original SKU identity and option choices. Prices, stock quantities, private costs and markups are excluded from this reference.
- Exact manual matches take precedence over general tool suggestions. For settings or repairs, supply model and publication details and read complete source instructions.
- Chat cannot see private member records, approve roles, send a quote, place an order, bid, save in another program or operate equipment. Full conversational AI requires a separately configured

connection; the guided and source-search functions work without it.

CHAPTER 04 / EVERYONE

Your Farmer Surplus account and project workspace

Create an account directly on this website. Farmers, dealers, contractors, workers and sales partners can keep their relevant projects and records together. Work roles require staff approval.

[Open this program ↗](#)

Join and recover access

1. Open Join Now or Career Opportunities. Choose Farmer / Buyer, Contractor, Equipment Dealer, Individual Worker or Sales Partner and complete the form.
2. Use your own email and a password of at least 12 characters. Save the recovery code shown after registration in a secure place; it is needed for the recovery flow.
3. Open My profile and complete the relevant contact, company, skills and availability information. Upload supporting documents as appropriate.
4. A requested work role remains in review until Farmer Surplus approves it. Applying does not guarantee employment, work, commissions or a paid subscription.
5. Return through Sign in or My Account. Forgotten password uses the saved recovery code. Existing ChatGPT auction accounts and verified owner access use the separate existing-account link on the sign-in page.

Where to do your work

Workspace area	Use it for
Overview	Active jobs, open tasks, next steps and any pending role application.
Jobs & dispatch / My jobs	Request work, describe scope and follow assigned project progress.
Schedule	Review project dates and assignments; proposed dates are not a confirmed appointment.
Tasks	Record responsibilities, due dates, status and checklist next steps.
Field reports	Approved contractor/worker reports: completed work, next steps, delays, crew hours, progress and safety notes.
Documents	Upload and share records within the permitted project/account scope.

Workspace area	Use it for
People network	Find opted-in work profiles. Public listing is a choice, not the default exposure of private contact records.
Ratings	Review completed shared jobs, respond and request moderation when needed.
Programs & tools	Launch the store, auctions and separate farm programs.
Support	Open a request and keep the discussion attached to its support record.
Sales & commissions	Approved partners track leads, follow-ups and reviewed commission records.

Tutorial: request and follow a job

1. Choose Request work. Give the job a clear title, service, farm/customer, location, contact, scope, preferred start/finish and budget if known.
2. Save and reopen the job to verify the entered details. Add plans and documents only to the correct record and audience.
3. Farmer Surplus reviews the scope and dates before dispatch. An approved contractor accepts or declines the offered assignment; availability and overlap checks help staff review conflicts.
4. Assigned people follow their tasks and submit field reports. Record blockers and unfinished work accurately. Progress percentages are entered records, not sensor measurements.
5. Staff reviews completion. After an eligible shared job is complete, enter quality, timeliness and communication ratings with factual comments.
6. Use Support for an unresolved project or account question. Check the thread for a reply; submitting an internal request does not guarantee an external email or text notification.

Keep accounts straight

What you want	Where to sign in
New website projects, work profile and native auctions	Farmer Surplus email/password account at /login.
Store orders, checkout and subscriptions	Ecwid store account: https://farmer-surplus-equipment.farmersurplus.chatgpt.site/shop?page=account
Earlier ChatGPT auction records or verified owner workspace	Existing account / owner access on the sign-in page. Records are not merged by matching email.
Facility Planner, Workshop manuals and farm work	Farm Workshop account and applicable membership.

What you want	Where to sign in
Cloud layouts in Design Your Site	The design tool's own account.

Keep in mind

Programs & tools is a launcher, not universal single sign-on. Legacy Brilliant Directories members, passwords, subscriptions and records have not been migrated.

CHAPTER 05 / AUTHORIZED FARMER SURPLUS STAFF

Staff tutorial: dispatch, approvals and commissions

These controls appear only for authorized staff. The public chatbot has no administrative access.

[Open this program ↗](#)

Run a project from request to completion

1. Review Members & approvals. Verify the person, role and supporting documents before approving contractor, worker, dealer or partner access.
2. Open the requested job, confirm scope and dates, and choose an approved contractor. Review overlap warnings; an explicit override needs a deliberate staffing decision.
3. Send the dispatch within the workspace and watch for acceptance or decline. Do not represent a pending assignment as a confirmed crew.
4. Set task responsibilities, review field reports and documents, and resolve blockers. Review conflicting edits against the latest record before saving again.
5. Approve job completion only after the work is reviewed. Use Activity log and Data exports for the available operational history.

Manage sales and payment records

1. Partners enter customer leads, equipment/service, value, follow-up date and notes. Move the opportunity through new, contacted, quoting, won or lost as appropriate.
2. Review the commission basis and rate before approval. Partners cannot approve their own commission; approved amounts are protected against casual changes.
3. Record paid only after independently verifying the payment and entering its reference. This status records a payment; it does not transfer money.
4. Keep auction item settlement, seller commission, store checkout and sales-partner commission records separate.

Use exports and moderation carefully

- Download the relevant CSV from Data exports and verify filters and record types. Exported files are separate snapshots that must be kept private.
- Review flagged job ratings and any response. Hiding a published rating is moderation, not deletion of the underlying work history.
- The administrative integration uses authorized identity and the same server permission checks. Tool discovery does not expose private member data.
- The workspace does not automatically run payroll, pay commissions, migrate outside accounts or activate every separate farm program.

CHAPTER 06 / EVERYONE

Dashboard capability directory

This directory separates customer, provider, worker and owner controls. Visibility of a dashboard depends on the program and the signed-in account. A membership plan is not the same thing as administrator permission.

Main site and planning dashboards

Dashboard	Who uses it	Capabilities
Store account & orders	Store customers	View store order/account information through Ecwid. The main website does not provide an Ecwid catalog administration dashboard.
My auctions	Auction buyers and sellers	Maintain contact details; resume drafts; monitor open, sold, ended and withdrawn listings; inspect bids and purchases; request membership verification; follow item payment and seller fees.
Auction management	Authorized auction staff	Review sale totals; set future commission rates; approve/end memberships; attach commission invoice links and record fees; withdraw open listings with a reason.
Design Your Site workspace	Visitors and planning users	Quick Start, equipment placement, properties, connections, six views, local backup/export/import, prints and video. Costs and cloud saves depend on login.
Design Your Site Admin Tools	Planner or administrator	Products and global layout tools; administrators additionally get user management and global settings. Backend availability still governs each action.
Foundation workflow	Estimator / project reviewer	Six-step project, site, drawing, loads, estimate and report workflow. Saved project is local.

Dashboard	Who uses it	Capabilities
Farm Legacy	Farm operator	Seven work areas: Overview, Fields & Crops, Grain & Storage, Equipment, Financials, Work Orders, Reports. Some figures and controls remain demonstrations.
Knopp Management / My farm	Farm owners, managers and workers	Use the working My farm workspace inside Farm Workshop for equipment, work and records.

Directory and service dashboards

Dashboard	Who uses it	Capabilities
AG Directory My account	Buyers / approved business owners	Saved businesses, own requests/listings, released customer inquiries, lead-offer acceptance or decline, signed-in view/contact counts.
AG Directory Owner desk	Directory owner	Lead desk, overview, CSV import, listing edits/publication, inbox and claim review, revenue scenario, payment ledger and plan activation.
United Rent & hire	Customers	Own requests, booking stages, dates, estimates, billing status, saved equipment, calendar, extension/return requests and repeat inquiries.
United Work	Approved employees/su bcontractors	Assignments, accept/decline, work opportunities, directions, start work, work logs, agreed compensation and permitted lead requests.
United My equipment	Equipment owners	Own listings, inquiries, confirmed schedule, listing allowance and estimated quoted value after fees.
United Dispatch center	Authorized operator/owner	Request board, schedule, workforce applications, listing approvals, members, revenue and settings.
United Owner dashboard	Site owner	People and roles, inventory and sourcing, jobs/leads, website copy/posts, help desk, pricing/fees and audit activity.
Farm Workshop dashboards	Members, support and owner roles	Member access/support records and operational controls are detailed in the Farm Workshop chapter.
Silver Silo market basket	Bulk customer	Products, quantities, delivery/contact details and requested repeat schedule. There is no operator dashboard in this static market page.

What the numbers mean

- Sale volume is the value of recorded sales; it is not the amount Farmer Surplus has collected.
- A customer quote is not worker pay. In United Services, use the agreed compensation record.

- Monthly plan value, modeled revenue, starting rental rates and projected listing proceeds are estimates. They are not bank deposits or profit.
- AG Directory view/contact counts cover signed-in activity and are limited per visitor per day. They are not unique paying customers or completed sales.
- Farm Legacy contains seeded example figures, static charts and hard-coded dates. Verify each record before using it for operations or reporting.

CHAPTER 07 / EVERYONE

Main website, catalog and quote requests

The home website is the entrance to equipment shopping, construction inquiries, auctions and the connected program network.

[Open this program ↗](#)

Navigation and equipment catalog

1. Use the top search to enter an equipment name, part number or SKU. The results open in Shop equipment.
2. Use Shop equipment or a category card for grain bins, material handling, grain dryers, parts, facility packages or construction services. Parts shortcuts include auger repair, motors, belting, spouting, aeration, sweeps, bearings and gates.
3. Open a product and check its specifications, options and ordering terms. Confirm freight, installation and project compatibility with the team where needed.
4. Use the bag icon to review the store cart. Use My account for the store account and orders.
5. If the embedded store does not load, use the full-store link. It preserves the requested category, search, cart or account where supported. Retry or browse all products if a link no longer matches.

Keep in mind

The catalog and checkout come from the connected Ecwid store. Product maintenance is done in the store administration system; no product editor is provided on this main site.

Send a construction or equipment inquiry

1. Choose Request a quote, Plan a project, or the relevant construction service. A service link can preselect the project type.
2. Enter your name and a usable phone number or email. Add the project location, preferred timeline, installation requirement and a clear description.
3. Include bin dimensions, model numbers, capacities, quantities, site access and existing equipment when known. The live counter below Project details shows how much of the 1,200-character limit

remains.

4. If you refresh by accident, the unfinished request returns in the same browser tab. To remove it yourself, choose Clear saved details and confirm; the selected service stays in place. Closing the tab also clears the tab-only draft.
5. Tap Submit request once and wait for the Request sent confirmation. The website sends your details directly to farmersurplus@gmail.com; you do not need an email app.
6. If sending fails, your details stay in the form. Follow the message to retry or call 931-316-7606.

Keep in mind

The unfinished request is kept only in the current browser tab, not in a server customer record. On submission, FormSubmit forwards the request to Farmer Surplus by email. This is an inquiry, not a confirmed order or a tracked United Services job. The saved tab draft clears after successful submission.

Construction and support options

- Construction links cover grain bin erection/dismantling/reassembly, concrete and foundations, millwright installation and dryer upgrades. At the complete-facility choice, use Request project quote or Call about a project at 931-316-7606.
- Tools & services opens the separate network programs. External links normally open another tab.
- Brochures opens the manufacturer resource selector with Sukup, AGI, Brock, GSI and Chief links. Use the correct model and revision. A brochure is not a project-specific approved drawing.
- Call 931-316-7606 or email farmersurplus@gmail.com for main-site and auction assistance. Provide the program name, page URL and relevant reference number.
- On a phone, open the menu and expand the equipment, tools or project support group. The online manual is also linked from the navigation and footer.

CHAPTER 08 / EVERYONE

Plans, payments and activation

This page directs people to the correct product or approved-amount checkout in the Farmer Surplus store. It is not a universal program account or an automatic approval desk.

[Open this program ↗](#)

Use the correct payment path

1. Use the Go to links to move directly to the program, project or account group you need.
2. For a card marked Set price, open the item and review the current price and subscription terms in the store.
3. For Approval required, obtain an exact amount and reference from the team before opening the matching link.
4. Enter the approved amount and project, order or offer reference. A \$1 minimum on a variable-amount item is not the actual service price.
5. Complete checkout and keep the receipt/order number.
6. Return to the appropriate program. Staff may still need to verify the receipt and activate access, release a lead, credit support or confirm a booking.
7. If unsure whether payment succeeded, check Orders & subscriptions before paying again. Ask the team to reconcile the reference if necessary.

Payment destinations

Group	Available paths
Farm Workshop	24-hour pass, monthly/annual membership, three phone-credit products, approved site visit.
United Services	Owner Pro and Business plans; approved rental deposit, balance, extension, delivery and pickup.
AG Directory	Pro, Featured, Category sponsor, accepted lead fee.
Construction & design	Approved project deposit, progress payment, final balance and facility design service.
Foundation Engineer	Approved project service.
Farm Legacy	Approved operations service.
Equipment and supplies	Rental catalog, United construction supply quotes, store orders/subscriptions and a link to Knopp Management.

Staff payment reconciliation

- Match payer, program, reference, amount and receipt before marking a payment received.
- An auction item payment and the seller commission are different obligations. Neither should be inferred from the other.
- A store purchase alone does not prove a rental has been scheduled or a provider approved. Complete the program-specific approval next.
- Use current checkout terms for recurring billing. Several program dashboards only keep a manual ledger and do not themselves run recurring charges.

CHAPTER 09 / EVERYONE

Auction Yard: browsing and buying

The Auction Yard supports timed auctions, optional reserve prices, Buy It Now and target-price sales. Browsing is public; bidding and selling require an auction account.

[Open this program ↗](#)

Find and inspect a lot

1. Search by item name and choose a Category. On a phone, open More filters for Item type, Auction status and Sort by; it reopens automatically when one of those choices is active. Item type becomes available after selecting a category.
2. Filter for Buy It Now if desired. Status choices separate open, upcoming, sold and ended listings. Clear filters to broaden results.
3. Open a lot. Review actual-item photos, description, condition, quantity, location, pickup terms, start/end times, opening or current bid and minimum increment.
4. Review whether a reserve applies. The reserve amount can stay private; the page reports whether it has been met.
5. Check the whole-lot quantity. The amount is for the entire lot, not each unit. Confirm suitability and transportation before committing.

Bid or use Buy It Now

1. Sign in with your Farmer Surplus account, or use the existing-account link for previous ChatGPT auction records. Complete the auction contact profile if prompted.
2. Enter at least the minimum displayed bid, or choose Buy It Now when available. Sellers cannot bid on their own lots.
3. Read the confirmation, including the lot, amount and agreement to complete the purchase. Accept the terms and submit once.
4. Check the resulting lot/account state. A bid that reaches a target can close the sale immediately; Buy It Now closes it at the listed price.

5. If you win, open the purchase from My auctions. Buyer and seller contact details become available to the parties and authorized staff. Arrange item payment, pickup and transfer documents with the seller.

Keep in mind

The auction site does not charge a card for a bid or purchase and does not send automatic bid/sale emails. A sale confirmation is not a payment receipt. There is no verified escrow or shipping service in this workflow.

Timers, results and recovery

- The detail screen periodically refreshes price and status while visible. Refresh if a connection problem leaves a stale screen; rely on the recorded result, not just the countdown.
- At the end, a lot sells only if there is a qualifying bid meeting any reserve; otherwise it ends without a sale.
- If Open now has no listings, use Upcoming or Recently sold to keep browsing. A narrowed empty result also offers a return to open auctions.
- A missing or withdrawn link offers ways back to previous results, similar categories and ended auctions. A private withdrawn record is visible only to its owner or staff.
- My auctions groups your recent bidding activity and purchases. Open the lot itself for the current result and settlement details.
- There is no automatic maximum/proxy-bid feature documented in the current implementation. Enter the bid you intend to place.

Surplus lots and catalog previews

The yard is positioned for verified manufacturer overstock, canceled orders and used equipment. A transferable production slot or shipment date must be verified lot by lot. Catalog previews are not confirmed surplus and remain closed to bidding.

Read the lot's terms, included package, condition, pickup/freight and current bidding state. A marketing example is not an active offer.

CHAPTER 10 / AUCTION MEMBERS

Auction Yard: selling and the personal dashboard

My auctions is the seller and buyer workspace for contact information, membership, drafts, listings, bids, purchases and settlement.

[Open this program ↗](#)

Create and publish a listing

1. Choose Sell an item and complete the auction contact profile.
2. Use the three large form steps - Item details, Photos & pickup and Auction setup - to move directly to that part of the listing. Each row reports Ready or how many details remain.
3. Fill Item details: title, category, item type, condition, quantity, make/brand, model, year and description. Describe defects and included items. Livestock uses the Live animal condition.
4. Add one to eight photos of the actual item. Use JPEG, PNG or WebP within the uploader limits. Wait for each upload to finish; choose Make cover on the photo buyers should see first, and remove any photo that should not be published.
5. Enter location and pickup/transport arrangements.
6. Set the opening bid, increment, optional reserve, optional Buy It Now, optional target, start time and a duration of 1-30 days. Scheduled starts are limited to the allowed future window.
7. Check the estimated seller commission and net amount. Reserve, target and Buy It Now must obey the price relationships shown in the form.
8. Save private draft to return later, or accept the seller terms and Publish. If the form says Unsaved changes, save before leaving; the site warns you before an unfinished change is discarded. Verify the published lot and time window.

Keep in mind

The seller rate is locked when the listing is published. Later rate or membership changes apply to future listings, not to an already published auction.

Read My auctions

Area	What to do
Summary cards	Review open listings, sold items, purchases won and outstanding seller fees.
Contact details	Keep the name and phone usable for the other party after a sale.
Membership	Submit a payment/eligibility reference for staff verification; inspect current status and expiry.

Area	What to do
Drafts	Resume an unfinished private listing.
Open listings	Review activity and scheduled/live status. Editing published auction terms is not the normal workflow.
Sold listings	Open buyer details, item-payment status and commission invoice.
Ended without sale	Use the relist action where offered to create a new private draft.
Withdrawn records	Read the withdrawal note; keep the old record. Ask staff about disputes or previously bid-on items before starting another listing.
Bids and purchases	Follow your buyer activity independently of your seller records.

Finish a sale or relist

1. Contact the buyer and agree item-payment/pickup details.
2. Record item payment received only after you have actually received it. This does not settle the Farmer Surplus commission.
3. Open the commission invoice when staff adds the payment link. Complete that payment and retain the receipt; staff records commission receipt separately.
4. For an eligible unsold lot, create a relist draft. Original bids and the ended auction stay unchanged. Photos are not copied: add current photos and review all terms before publishing.
5. A seller may withdraw an eligible no-bid listing with a reason. After bids, ask staff to review. Withdrawal does not erase the record.

CHAPTER 11 / AUTHORIZED AUCTION STAFF

Auction management: staff controls

The staff dashboard is the control desk for memberships, seller fees and sale follow-up. It does not replace the external billing service.

[Open this program ↗](#)

Dashboard controls

Control	Capability / effect
Completed sales and sale volume	Review recorded sales and gross sale value, not verified item-payment receipts.
Commission due / recorded paid	Review outstanding fees and fees staff has recorded as collected.
Commission rates	Set standard and verified-member percentages for future published listings.
Membership requests	Review the submitted reference and verify payment/eligibility.
Approve a member	Approve the member email through a selected expiry date.
Approved memberships	Inspect active/expired membership and end future benefits where appropriate.
Sales & commission invoices	Review seller, sale method, item-payment status, commission and invoice/payment status.
Open listings	Inspect current listings and withdraw as staff with a recorded reason.
Refresh	Reload current management data. Recent lists are capped; displayed totals can include more sales than the rows shown.

Daily commission workflow

1. Open a sold lot and reconcile the seller, sale price and locked fee rate.
2. Create the seller commission invoice through the billing service.
3. Paste its secure payment URL into the lot invoice record. Set the commission to Invoice available and save.
4. Follow up using the provided contact details. The site does not automatically email the invoice.
5. Verify the money was received through the payment service, then select Recorded paid and save the invoice record.
6. Keep the item-payment and commission statuses separate. Refer failed sales, fee corrections and disputes for manual review.

Membership and listing review

- Approve membership for the intended verified auction identity. Native accounts use their own membership identity; never grant privileges from a self-entered owner email. A receipt elsewhere is not automatic approval here.
- Ending membership changes future listing eligibility/rates, not locked rates on existing lots.
- Withdrawal stops further bidding and records a reason. It is not a refund, chargeback, record deletion or dispute resolution.
- Only authorized staff can open this desk. A customer seeing a missing management tab should use My auctions, not request administrative access for routine buying/selling.

CHAPTER 12 / DESIGNERS, ESTIMATORS AND CUSTOMERS

Design Your Site: facility design workspace

Design Your Site, previously labeled Drafting 2, opens the Farm Design Tool. It combines a visual layout, equipment catalog, connections, estimates and presentation exports.

[Open this program ↗](#)

Review status: Public interface and scripts reviewed

Open and start a project

1. Open Design Your Site at <https://grainbin-tool.vercel.app/>. The planner opens on its original site, with its own sign-in and saved designs.
2. Use Quick Start for a guided starting layout, or Add Equipment for a manual design. A restored-last-session message means a browser backup was loaded.
3. In Quick Start, choose Facility and Grain, then Harvest/Drying when appropriate, Handling, Layout and Review. Some facility types skip unneeded steps.
4. Enter actual storage goals, crop/volume, harvest pace, drying needs, handling choices and available layout space. Saved-layout references are starting points, not approved plans.
5. Review the calculated layout, warnings and checks before placing it into the workspace.
6. Give the project a useful name and export a JSON backup before major revisions.

Views and workspace panels

View / panel	Use
Side	Check heights and relative elevations.
Top	Arrange equipment footprints, spacing and connections.
3D	Orbit and inspect the modeled facility from multiple angles.
Walk	Inspect the model in walkthrough mode where browser controls are supported.
Map	Search an address or coordinates; place the farm center and adjust rotation against satellite imagery.
Split	Compare multiple selected views together.
Add Equipment / catalog search	Add bins, elevators, loading/unload/transfer augers, double runs, conveyors, receiving pits, dryers, towers, hoppers, structures and catalog items.
Properties / inspector	Select equipment, then change its supported dimensions, configuration, position and rotation.
Layers	Find/select equipment in the project without locating it visually first.
Estimate / BOM	Review quantities and cost lines, markup, exclusions/overrides and miscellaneous items; login is required for pricing controls.
Settings	Account, theme, flow animation, auto-rotate, video/microphone, models, save/load, print and quote actions.
Command search	Find equipment, panels, views and project actions by name.
Classic UI / New UI	Switch the interface layout; labels and control placement can differ.

Place equipment and connect flow

1. Add the equipment or select a catalog item. Set the actual configuration before assuming catalog price and dimensions still apply.
2. Select it on the canvas or in Layers and edit Properties. Move items in the plan; use the relevant view to check both position and height.
3. Create a connection from the actual source outlet to the intended receiver inlet. Review type, ports, route and receiving equipment in the connection editor.
4. Use the preview and routing controls to correct issues, then Create connection or Apply connection. A receiver proposed by the editor is only added when the connection is saved.
5. Review equipment/service clearances, conveyor/support intersections, route crossings, fill/reclaim paths, elevator height, truck approach and site fit. Correct all flagged issues before presenting the layout.

6. Use Undo/Redo for supported geometry changes. Keyboard shortcuts are Ctrl/Cmd+Z and Ctrl+Y or Ctrl/Cmd+Shift+Z. Keep file versions for larger changes.

Keep in mind

Layout checks and grain-flow animation are planning aids. They do not establish structural approval, guaranteed capacity or a construction-ready design. Verify the actual equipment, site survey, clearances and approved engineering separately.

Estimate and project outputs

- The estimate combines modeled equipment/connections with catalog matches and available prices. A changed catalog configuration can become custom and require review.
- Review every SKU, quantity, unit cost and missing/custom line. Apply markup deliberately and add miscellaneous scope with the MISC ITEM control. An estimate is not a placed store order.
- Print Report / Print plans produces plan/report output. Generate quote with prices is a separate pricing output; inspect every page before sending it to a customer.
- Use 3D auto-rotate and Record to capture a presentation. Stop recording and use the video preview to Share / Save, Download or Open. Available MP4/WebM format depends on browser support. Microphone audio is optional and requires device permission.
- Map imagery, 3D libraries, product refresh and cloud layouts depend on external services. A rendered model can remain available while one of those connections fails.

Save and recover your design

Save method	What it does	Recovery
Browser autosave	Keeps a local backup of the current working design.	Return using the same browser/site storage. It is not a durable cross-device archive.
Save project / Export JSON	Downloads a project file. The label Save in the new interface invokes this export.	Use Load / Import to select the JSON file.
Save Layout to Cloud	Uses the drafting account to store a named layout.	Log in, refresh saved projects in Quick Start, search the names and open the intended layout.
PDF / quote / video	Creates a viewable output for review or sharing.	These are not editable project backups; keep JSON too.

CHAPTER 13 / PLANNING USERS AND ADMINISTRATORS

Design Your Site: planner and administrator tools

Design Your Site uses its own login. The public front-end exposes Products, Users, Layouts and Settings in Admin Tools according to role. Account and cloud operations were inspected in source, not exercised with live credentials.

[Open this program ↗](#)

Review status: Interface implemented; authenticated operations not exercised

Role and dashboard capabilities

Area	Capability	Role boundary
Products	Search catalog by identifiers/name/type; inspect product data; synchronize from Ecwid; preview/download raw JSON.	Planner/admin interface. A sync is a catalog data operation, not an equipment purchase.
Users	Create and manage a username, password and user/planner/administrator role.	Administrator; planner interface blocks this area.
Layouts	Review the global layout gallery with project name, tags, owner and save date; load/manage supported layouts; upload JSON and manage planner access where offered.	Planner/admin tools; actual server permission must allow the action.
Settings	Set the global concrete square-foot price used by civil estimates.	Administrator. This changes global estimating behavior.
Ordinary user	Log in, access pricing and save/load own cloud layouts.	No general user-management permission.

Normal administrator workflow

1. Sign in with the intended Design Your Site account and open Admin Tools. Confirm the role before changing global data.
2. Use Products to search the exact SKU/ID and inspect data. Preserve a raw export before a broad catalog refresh.
3. Use Layouts to locate the project by name, owner and save date. Open/export the correct revision before replacing or deleting anything.
4. Use Users for individual account changes, assigning the least role needed. Do not use a shared administrator password for routine customer work.

5. Use Settings only when changing the global concrete estimating allowance. Save and review a representative estimate afterward.

Keep in mind

Design Your Site cloud accounts are separate from ChatGPT sign-in and the Ecwid store account. Login failure here does not mean the other programs are unavailable.

CHAPTER 14 / EVERYONE

Farm Workshop: Help, manuals and equipment

Farm Workshop is separate from the Knopp Management Sukup portal linked on the main site. It combines a help desk, agricultural document library, workshop guides, equipment records, calculators, learning and a shared farm workspace. Start at Help for a question; start at My farm for team work.

[Open this program ↗](#)

Find the right reference

Area	What you can do
Help / Find	Describe the symptom or project, select saved equipment or an exact manual, answer follow-up questions, open cited pages and reopen saved conversations when access permits.
Ag Library	Search documents and browse manufacturers; filter brand and collection; distinguish publisher links from searchable stored documents.
Manuals	Search by model, title, publication, manufacturer, category and document scope; read stored PDF pages; upload your own permitted PDF; request a missing manual.
Construction	Browse grain-system installation and construction references, then match the manufacturer, model and revision.
Resources / Gallery	Explore equipment topics, publisher resources, images, videos and channels. A resource link is not automatically an indexed repair procedure.
Manual assistant	Search accessible manual text, view source pages and find related repair jobs.
Workshop	Use field guides for repair/inspection and other supported work, equipment records, saved checklists and findings.
Troubleshooting / Fix	Start from observed symptoms, answer the diagnostic questions, match a procedure and record findings and return-to-work checks.

Ask an equipment question

1. Identify the equipment: brand, model, serial/revision where relevant, and the exact message or observed symptom. Choose the saved machine if available.
2. Select the matching manual when you know it. Ask a specific question and answer the follow-up prompts.
3. Open each cited page. Check applicability, complete instructions and warnings in the original document, especially when text came from OCR.
4. Continue the conversation with the next observation. If the answer cannot identify an applicable procedure, use the exact-manual request or support path.
5. For work that needs assignment and evidence, create a farm work record or a reviewed procedure in My farm. A chat response is not a completed job.

Keep in mind

Generated answers depend on the accessible indexed text. A listed PDF may be available to download while its text is not yet searchable. Do not substitute a similar machine's settings or a generated estimate for an applicable manufacturer instruction.

Manual and equipment records

- Manual uploads accept PDFs you have permission to store. Text extraction is needed for search; image-only scans require OCR. Confirm the uploaded title, brand, model and page numbering.
- Use the manual reader to move between PDF pages and open the publisher/original document where offered. Deep links can open a specific manual and PDF page.
- Use Sources to reach manufacturer reference collections. Use Requests to ask for a missing brand/model and describe the needed document. Owners can review the request queue.
- Register equipment with its identity and relevant records in the workshop equipment area. Link the exact manuals rather than relying on a general brand link.
- Field guides organize specifications to confirm, tools/supplies, preparation, steps, source references, observations, return-to-work checks and service notes. Save supported checklists and findings to your account.
- Help history, private uploads and saved records require the relevant sign-in/access. Public discovery links do not grant private farm access.

CHAPTER 15 / EVERYONE

Knopp Management: Sukup Portal

The owner-supplied Sukup portal is the destination for Knopp Management throughout the Farmer Surplus website. It brings together construction guidance, reference manuals, safety, forms and Office Ops.

[Open this program ↗](#)

Manuals, builds and field tools

- Use Manuals for linked construction and operation publications. Use the exact manufacturer manual for the equipment and revision you are working on.
- Build Process opens the equipment list and its step-by-step sequences. Mark training steps complete; progress is stored on this device.
- Field tools and Foundation specs provide the calculations and reference tables included in the uploaded program.
- Safety includes checklists, training requirements and graded aptitude tests. Search finds steps, manuals, tools, forms and safety pages.

Forms and Office Ops

Area	What it does
Forms	Open the existing linked monday forms or complete the included field, safety and office forms. Local forms save a device copy and open an email draft; send that draft from your email app.
Office sign-in	Sign in with the Farmer Surplus owner's ChatGPT account. Customer starting records are supplied only after server-side authorization.
Office dashboards	Manage the supplied leads, orders, collections, jobs, crew roster and daily scorecard on this device. Starting records came from the uploaded file and are not a live accounting feed.
Data & Backup	Export JSON before switching devices or clearing browser data. Import your backup to carry your changes to another device.

Return to Farmer Surplus

Use Farmer Surplus in the portal menu or footer to return to the website. The separate customer guide also includes a Knopp Management description page and an Open Knopp Management button.

CHAPTER 16 / FARM OWNERS, MANAGERS AND WORKERS

Farm Workshop: My farm operations

The shared My farm workspace at /operations remains available inside Farm Workshop. The Farmer Surplus Knopp Management links now open the separately supplied Sukup portal.

[Open this program ↗](#)

Dashboards and roles

Area / role	Capabilities
Today	See work to pick up and latest records; start a guided farm task.
Equipment	View the site plan, equipment identities, linked manuals, connections, work history and photos. Managers can register/edit equipment and position it on the map.
Work	Review procedure drafts, start approved checklists, assign jobs, record step results/notes and print work reports.
Records	Review farm submissions and service, fault, inspection, handover and other records; link work to the correct asset.
Parts & stock	Keep part numbers, compatible equipment, storage locations, quantities and reorder levels. Reconcile employee usage/count submissions.
Employee forms	Fill out standard records from an account or submit through a limited shared form link.
Team	View members and roles. Owners create/revoke invitations and form links and remove non-owner access. Managers can review recent activity.
Owner	Controls team access and owner-only equipment import as well as management work.
Manager	Builds procedures, manages equipment/work and reviews submitted records. Does not inherit owner-only team controls.
Worker	Runs available/assigned work and submits records/forms within farm permissions. Cannot approve their own general management access.

Set up a farm and its equipment

1. Sign in and choose or create the intended farm. Complete Map your farm with the farm name, site information, contacts and site/safety details.
2. Register each machine, bin or system. Enter its actual identity, meter information and location; link matching manuals. Owners may import existing equipment through Import equipment.

3. Place equipment on the site plan and save connections between related systems. This is an operational map, not Design Your Site engineering geometry.
4. Add equipment photos and verify the asset history. Choose the right farm before adding records; separate farms are selected workspaces.
5. Invite each employee through Team using their own account and the intended role. Share the generated invitation yourself and check its expiry; revoke unused or incorrect links.

Guided task builders

Builder	Result
Map your farm	Site, contacts and shared equipment-map setup.
Register equipment	Machine identity, history and applicable manuals.
Manual → checklist	A sourced procedure draft from selected searchable manual pages. Select no more than 20 PDF pages per draft, then review before approval.
Operating procedure	A reusable startup, normal-operation, shutdown or changeover handoff.
Maintenance planner	Work scope, due date, meter interval and reusable checklist. Meter entries and recorded work still need review.
Troubleshooting work order	Symptoms, exact codes, evidence, checks and outcome kept together.
Parts & spares	Exact part numbers, storage and reorder records.
Employee handover	Shift state, training notes and outstanding work.
Safety inspection	Site-specific inspection steps and corrective actions for review.

Run a checklist and keep evidence

1. A manager builds the procedure and reviews the source pages, equipment match, steps and stop points. Save as a draft, correct it, then approve it before starting routine work.
2. Start a job from an approved procedure. Set its responsibility and due information, then select the correct equipment.
3. The person doing the work records each step as the applicable available state, adds notes and photo evidence, and records problems rather than marking unperformed work complete.
4. Review outstanding steps and required follow-up. Managers review submitted records and any meter/maintenance implications.
5. Open Report for the job or record. Review equipment identity, responsibility, step state, source manuals and evidence before printing/downloading supported report/CSV output. Load older jobs/records if the item is outside the initial list.

Keep in mind

A completed checklist is a record of entered work. It does not itself certify equipment, automatically order parts, run payroll or create a regulatory approval.

Employee forms and sharing

Form	Captures
Service & repair	Work performed, meter hours, parts and return-to-service status.
Daily inspection	Pre-use observations, defects and stop-work decisions.
Report a problem	Symptom/fault code and the conditions when it happened.
Shift handover	Equipment/process state, restrictions and unfinished work.
Parts used / stock count	Part number, quantity and whether the entry reports usage or a count. Manager reconciliation is still required.
Hazard / near miss	Location, observation, immediate action and follow-up.
Grain condition check	Commodity, moisture, temperature and observations. These are manual records, not live sensors.
Training record	Employee, trainer, topic/revision and skills checked by a supervisor.

Review shared submissions

- Shared form links allow submission of a particular form, not browsing the farm. The submitted name is self-reported and the record waits for manager review.
- Signed-in employees can attach photos after submitting. Keep evidence with the correct farm and equipment.
- Owners can set an invitation/form-link duration, inspect active/accepted/expired/revoked status and revoke a link. Remove member access when it is no longer needed.
- If saving reports a changed version or an error, refresh the record and review the latest information before repeating an edit. Do not assume a closed dialog means the server accepted it.
- Request setup visit prepares a request for Farmer Surplus; it does not confirm an appointment.

CHAPTER 17 / EVERYONE

Farm Workshop: calculators and facility planning

The Tools area contains 100 individual calculators and a connected grain-facility planning workflow, for 101 tools in total. The complete calculator index appears near the end of this manual.

[Open this program ↗](#)

Use and save a calculator

1. Search by a job or calculator name, or filter a category. Select the tool and read its units, formula and limitation note.
2. Replace every demonstration input with the measured or agreed job value. Keep feet, inches, bushels, hours and dollars in their labeled fields.
3. Calculate and review the results against the inputs. Correct invalid values when prompted.
4. If your account has access, give the calculation a useful title and save it. Open Saved work to revisit supported saved calculations.
5. For a connected facility project, use the facility planner to carry relevant measurements into related calculators. Saving an individual calculator is not a complete construction design.

Four-step facility planner

Step	What it covers
Your harvest	Acres, yield, harvest volume, receiving days/hours and planned dry-storage needs; optional values from saved farm records remain editable.
Drying & wet holding	Daily harvest versus drying throughput, dryer run time, wet holding and queue implications. Keep wet holding separate from dry storage.
Handling & layout	Receiving/handling rate, bin geometry, equipment reach and measured site constraints.
Your facility plan	Connected-system summary, storage options, dryer/queue checks, bin footprint, equipment centerline and airflow targets with planning inputs and references.

Carry a plan forward

- Resume or discard a browser draft when offered. A draft is tied to that device/browser.
- Save a named facility plan to the signed-in account to reopen it from Saved work. Source/evidence references travel with the saved plan where available.
- Open a related calculator with carried measurements and inspect them before calculating. Review source publications by brand and exact equipment.

- Print the plan for discussion or use the site-visit path to send a planning brief. A request still needs a confirmed scope, price and appointment.
- Use Design Your Site when you need a placed 2D/3D equipment layout, cloud layout library, BOM or presentation video. Workshop facility planning is a sizing and planning workflow, not the same editor.

CHAPTER 18 / EVERYONE

Farm Workshop: learning, research and saved work

Training and research organize equipment knowledge alongside the operating tools. Their completion and publication indicators describe records inside these features, not a professional certification.

[Open this program ↗](#)

Learning dashboard

- Search the course library, select a published course and choose a lesson from its outline. Some courses have a planned lesson count larger than the media currently published.
- Watch the available video; use captions, playback speed, replay and resume controls. Retry interrupted media or open the direct video link if offered.
- Review Before you start: prerequisites, manual-named tools/records and stop points.
- The Lesson tab holds the transcript. Manual opens source references. Checklist records checked items. Review tests understanding through the included questions.
- Lesson progress and playback state use browser session storage in the current implementation. Do not treat them as a permanent employer training ledger; use My farm Training record for supervised work.
- Template preview demonstrates course structure when content is unavailable. It is clearly labeled and has no added course video.

Grain Done Right with Mason

The /grain-show page offers short grain-equipment videos. Choose an episode, play it, review its summary and available accompanying material, and use the manual-lessons link for deeper study. The player provides a direct-file fallback when loading fails. Episode descriptions and media are published content, not a live service dashboard.

Research assistant

- The Research page shows the last published research record: last completed check, documents added, newly searchable documents and extracted pages. Its counts cover the checks displayed, not every document in the entire library.

- Search run history by brand, document or outcome. Open the stored manual or publisher PDF, expand sources checked and inspect failed/unavailable sources.
- The schedule banner is a published status snapshot, not a live automation monitor. A scheduled check can find no new eligible material or leave a source unavailable.
- Documents enter help search only after text extraction succeeds. A catalog link and searchable pages are different states.
- To change a schedule, request that change through ChatGPT as described on the page. The website history view does not itself edit the schedule. No schedule changes were made for this manual.

Personal farm profile and Saved work

The farm profile keeps the account's farm details used by supported planning tools. Saved work reopens named calculations and facility plans. These are separate from the shared My farm equipment map, employee records and team permissions. Check which area you are using before assuming an item is visible to coworkers.

CHAPTER 19 / MEMBERS AND BUSINESS OWNER

Farm Workshop: membership, support and owner dashboard

Membership grants tool access. Operator credit pays for accepted calls. A site-visit request starts a separate service discussion. These are three different records.

[Open this program ↗](#)

Membership and telephone support

1. Choose a Day Pass, Monthly or Annual plan and review the checkout terms. Use the same email as your Workshop account when paying in Ecwid.
2. Keep the paid order reference. Staff verifies the order before access or operator credit is added; use Refresh membership afterward.
3. Manage billing opens the store account. Review recurring-plan terms there and cancel future renewal through the relevant store controls.
4. For operator support, confirm the line is available, add verified credit if needed, select a maximum call length/spend and generate a one-time pass.
5. Dial the displayed support line and enter the pass. The implemented call workflow begins billing when an operator accepts, charges by started minute within the cap and releases unused reserved credit after settlement/expiry. Actual availability requires the phone-service connection.
6. Review credit activity after the call. Report unresolved held credit or incorrect settlement with the call reference. Software access does not mean a staffed line is available 24/7.

Request a site visit

Enter name, phone, address, service, preferred date/window, timezone and project notes. Submit after reviewing consent. Save the request reference, then follow the status in Your visit requests. Submitted timing is a preference; Farmer Surplus must confirm scope, travel, price and timing. The request alone does not authorize a charge.

Business owner workspace at /admin

Panel	What the owner can do / see
Summary	Farmer-account count, pending visits and call-record count.
Pricing & availability	Edit displayed business rates and operator availability; save settings. Changing a program setting does not necessarily update an Ecwid product or existing recurring subscription.
Launch connections	Inspect sign-in, legacy billing and phone-service configuration indicators. A Configured label is not evidence of a successful real payment/call.
Site-visit requests	Refresh and review submitted contact/scope information; update supported visit status and management details. Check regularly because automatic email/SMS notifications are not configured here.
Farmer accounts	Review account email/join date and current paid-access expiry. This panel is not a complete customer billing ledger.

Current billing distinction

Keep in mind

The customer-facing membership purchase flow uses Ecwid with manual verification. The owner page still contains Stripe-oriented launch labels/settings from an earlier integration. Do not infer that enabling a legacy switch activates Ecwid access or changes live store pricing. Confirm actual order, membership grant and phone-service status in the relevant systems.

CHAPTER 20 / EVERYONE

AG Directory: search, requests and My account

AG Directory connects agricultural buyers and businesses. Browsing a listing, sending a request and accepting a paid lead are separate actions.

[Open this program](#) ↗

Find and contact a business

1. Search business name, service, brand, city or ZIP. Narrow by state, category and brand, and choose recommended, name or recent sorting.
2. Use grid, list or map as appropriate. Open the business profile to inspect its description, service area, brands and contact information. Sponsored placement is labeled; ranking is not an endorsement or proof of availability.
3. Sign in to bookmark a business. Use saved-only filtering or My account to return to it.
4. Use the appropriate request: quote, new listing, listing claim, plan change or correction. Enter accurate contact, business, location, timing, budget and scope information and review consent.
5. Track your request in My account. A submitted quote request is not a booking or guaranteed response. Claiming a listing requires staff verification through an established business contact.

My account dashboard

Area	Capabilities
Saved businesses	Review your bookmarked listings and return to profiles.
My listings	View your linked business profile/status and signed-in profile-view/contact-click measures. Submit an update request; this is not unrestricted direct public editing.
My requests	Track your own submitted quote, listing, claim, plan and correction requests.
Lead offers	Review the limited opportunity preview and fee, agree to terms and accept, or decline. Preview does not release buyer contact information.
Customer inquiries	View buyer details after staff has verified the accepted lead payment and released them.

Accept a lead offer

1. Read the opportunity scope, service area and fee. Accept only when the business can serve the request and agrees to the displayed terms.

2. Pay the approved exact fee through the linked Ecwid lead-payment item. Include the offer/reference information as instructed.
3. Submit or retain the payment reference for staff verification. A successful store checkout does not automatically release the buyer.
4. Return to My account after release, contact the buyer and maintain the outcome with the directory team. An accepted lead is an opportunity, not a guaranteed sale.

Keep in mind

Profile views and contact clicks are engagement counts, not sales. The implementation limits these signed-in measures to one per visitor per day; they are not a complete anonymous-web analytics report.

CHAPTER 21 / AUTHORIZED DIRECTORY OWNER

AG Directory: Owner desk

The Owner desk combines directory publishing, customer intake, lead distribution and a manual payment ledger. Owner access is separate from purchasing a directory plan.

[Open this program ↗](#)

Dashboard tabs

Tab	Capabilities
Overview	Published/draft listing totals, new/recent requests and recorded listing payments for the current month.
Lead desk	Qualify quote requests, keep private notes, route internal work or make an approved provider offer; verify payment, release contact details and record outcome.
CSV import	Upload and map business-listing data, preview and import private drafts for review.
Listings	Search and edit listing details, public contact/profile data and private owner notes; publish or unpublish.
Inbox	Review recent requests and claims, change request status and export the loaded recent request set to CSV.
Revenue plan	Change scenario inputs for listing plans, leads, costs and hours. It is an illustrative scenario, not a forecast or accounting report.
Listing payments	Record an actually received payment and paid-through date to activate the selected listing plan. It does not collect a card charge or issue an automatic renewal.

Qualify and distribute a buyer request

1. Open the Lead desk and confirm the request is real, in scope and has current buyer consent for the intended referral. Add qualification/private notes.
2. Choose internal routing or one approved provider offer. An offer preview should identify scope and service area while withholding buyer contacts/private message.
3. After the provider accepts, verify the full paid amount against a real receipt/reference. Record verification before releasing the contact details.
4. Release the buyer information to the selected provider and cancel other unreleased offers where applicable. Never use a payment promise as a paid receipt.
5. Update the outcome to won, lost or invalid as appropriate. An outcome change does not itself post revenue or issue a refund. For internal jobs, record actual receipts and direct costs separately.

Import and publish listings

1. Prepare a CSV with consistent headers and state abbreviations. The uploader accepts files up to 250 MB; large imports still need careful review.
2. Map the supported name, address, contact, category, brand and other columns. Set fallback category/location options when necessary. Review the first five preview rows.
3. Start the import. Processing uses batches of 100; Stop finishes the current batch before pausing. Review errors and retry as needed.
4. Duplicate detection uses name, street, city and state. Existing matches are skipped rather than overwritten. Imports create private drafts and do not send outreach emails.
5. Use Listings to inspect the new records, fix categories/contact information and publish only reviewed entries. Listings are paginated in groups of 50.

Requests, claims and payments

- The Inbox shows the most recent 200 requests. New, contacted, completed and declined are workflow labels; the CSV export covers the loaded recent set, not an unlimited archive.
- Before approving a business claim, verify the requester through an established business contact. A self-entered email alone is not proof of ownership.
- For a listing payment, select the right listing, plan, received amount, reference and paid-until date, then confirm receipt. This updates directory entitlement; it does not charge the customer.
- Reconcile the ledger against Ecwid or the actual payment source. Monthly receipt totals depend on manually recorded payments.
- Private business email/notes and lead qualification details should remain in the owner workflow rather than public descriptions.

CHAPTER 22 / EVERYONE

United Services: rentals, supplies, buildings and projects

United Services supports equipment rental/sales requests, building packages, supply requests and labor coordination. Nationwide coverage means requests can be considered across all 50 states; it does not establish inventory in every location.

[Open this program ↗](#)

Public program areas

Area	What you can do
Equipment	Search/filter rental and sale equipment, location and category; inspect rates/details and save a shortlist. Photos may be representative; confirm the exact unit.
Supply store	Browse supplies, add packs/quantities to a request basket and send one itemized sale request. Also request a particular SKU/manufacturer not found in the list.
Buildings	Compare kit, prebuilt or assembled offerings and building families; describe site/foundation/delivery/specifications and request a quote.
Services	Review supported job types and submit the needed work scope.
Project quote	Bring equipment, materials and crew requirements into a coordinated project request.
Work	Apply to work, inspect eligible opportunities or access approved work functions.
Plans / Updates	Review current owner plans and published announcements, projects or equipment posts.

Request rental or supply service

1. Select the equipment or product and confirm location, quantity, intended dates and scope. For rentals, review the displayed estimate and rate basis.
2. Rental calculations compare applicable daily, weekly and 30-day rate combinations. Service estimates use entered hours/count and customer rates. Final availability, transport and terms still require confirmation.
3. For supplies, build the basket using pack quantities. The current basket supports up to 30 product lines and 100 packs per line. Its draft is local to the browser; the server recomputes the submitted request.
4. Sign in and submit the complete request. Keep the resulting job/request reference and review its status in My workspace.

5. Pay an approved deposit, balance, extension or delivery amount only after the amount and scope are confirmed. The store payment does not independently reserve capacity or place a supplier purchase order.

Rent & hire dashboard

- View your own jobs/requests, status, requested or confirmed dates, estimate, billing state and available updates.
- Use the calendar for confirmed work and return to saved equipment. Requested dates are not a capacity guarantee.
- Request an extension or return through the job controls. These create a recorded event/support request; they do not automatically approve a new end date or refund.
- For a completed rental, submit a fresh request to rent again. A previous booking does not establish current availability.
- Eligible requested/review-stage jobs may be canceled through the displayed action. Contact support for work beyond the cancellation stage.
- Use shared account controls for profile, membership, help and sign-out. Rent & hire, Work and My equipment are workspace views; switching the view does not grant a staff role.

CHAPTER 23 / WORKERS, SUBCONTRACTORS AND EQUIPMENT OWNERS

United Services: workers, subcontractors and equipment owners

Approved worker access, marketplace leads and owner listings are separate capabilities in My workspace. A customer service estimate is not a worker pay agreement.

[Open this program ↗](#)

Apply and pick up work

1. Complete the work application with name, phone, area, trade, experience, availability, travel, credentials, description and supported documents. Do not use this application for bank details or Social Security numbers.
2. Wait for approval and the appropriate employee or subcontractor role. A workspace mode or paid plan alone does not approve a worker.
3. Open Work and review assigned work or eligible opportunities. Check scope, dates, directions and total agreed compensation before accepting. If a direct assignment omits agreed pay, confirm it with dispatch.
4. Accept or decline through the available control. Start accepted work, record the required work logs and update completion through the job workflow.

5. Use help for scope, timing or pay issues. Work logs and completion state are operational records, not an automatic payroll payment.

Subcontractor leads

Eligible subcontractors can review released lead previews. Request a lead and pay the approved fee through the defined payment path. Staff verifies the receipt before exclusive buyer contact release. Record follow-up as New, Contacted, Quoted, Won or Lost where offered. Payment buys access to the agreed opportunity; it does not guarantee a contract or revenue.

My equipment dashboard

- Review your own equipment listings, inquiries, schedule and applicable listing/plan allowance.
- Maintain accurate equipment identity, location, availability and rate information through the supported listing controls; respond to inquiries and confirm actual capacity.
- Review estimated net after the platform fee as an estimate. It is not a payout balance, bank settlement or profit figure and does not include all of your costs.
- Keep customer requests, owner availability and approved rental dates aligned with dispatch before promising a booking.
- Use Plans and the approved store checkout for the intended owner plan, then follow verification. Plan purchase is separate from staff access.

CHAPTER 24 / AUTHORIZED DISPATCH AND OWNER USERS

United Services: Dispatch and Owner management

Dispatch handles jobs, capacity and workforce. Owner management handles membership, inventory, leads, content, support and business settings. Both require the appropriate authorized account.

[Open this program ↗](#)

Dispatch dashboard

Tab	Capabilities
Board	Review jobs by workflow stage; inspect scope, customer, dates, estimate and notes; update supported job state.
Schedule	Review confirmed work, equipment quantities and date conflicts before dispatch.
Workforce	Review worker applications, approval and assignments; confirm that an approved worker has the needed employee/subcontractor role.
Inventory	Maintain equipment availability and owned/sourced capacity used by scheduling.
Members	Review member information relevant to service coordination.
Revenue	Review completed quoted value, recorded paid amounts, fee estimates and export the ledger.
Settings	Maintain current rates/fees and operating settings used by new requests. Historical request estimates are preserved.

Dispatch a real job

1. Review the requested equipment/service, location, scope, quantity and dates. Resolve missing information and confirm the customer amount.
2. For owned rental inventory, check overlapping confirmed quantity against actual capacity. For sourced or zero-quantity inventory, record a private confirmed supplier reservation for the exact dates and quantity before confirming the customer booking.
3. Assign an approved worker when needed and confirm the work/pay arrangement. Assignment, worker acceptance, starting work and completion are distinct steps.
4. Move the job through the displayed request/review/scheduling/dispatch/in-progress/completion stages as the real work progresses. Record notes, work logs and relevant events.
5. Track billing separately: not billed, invoice needed, awaiting payment or paid. Set paid only after verifying actual receipt. Job completion does not automatically collect payment.

6. Review extension/return tickets before changing dates; recheck inventory capacity. Close the job and reconcile the recorded financial figures.

Owner management at /manage

Area	Capabilities
Overview	Inspect business activity and areas needing attention.
Members	Set member/employee/subcontractor role, active/suspended status, plan, dues/renewal information and private notes. Owner protections prevent ordinary reassignment of the owner role.
Our inventory	Maintain rental/sale inventory and sourcing records. Supplier identity/cost/source URLs are private operating details.
Jobs & leads	Review service requests; publish eligible, consented lead previews; verify payment and release contacts exclusively to the selected worker/provider.
Website & posts	Edit supported site headline/intro/announcement/contact/example settings; create draft/public announcements, project or equipment posts and images.
Help desk	Read support tickets and add workspace replies. A reply does not imply automatic outgoing email/SMS.
Pricing & fees	Maintain customer rates, platform fees and plan settings for supported new activity. Confirm separate checkout pricing when changing a plan.

Read revenue figures correctly

- Completed quoted value measures completed jobs at their quoted amounts. It is not a bank-reconciled collections total.
- Recorded paid amounts depend on staff updating billing state after receipt. Fee totals and owner net figures are calculated estimates from the recorded work.
- Monthly dues totals represent potential plan charges based on current membership data, not proof that subscriptions were collected.
- Export the ledger CSV for reconciliation with Ecwid, invoices and actual expenses. Customer billing, worker compensation and equipment-owner settlement remain distinct.

CHAPTER 25 / ESTIMATOR AND PROJECT REVIEWER

Grain Bin Foundation Engineer

This six-step tool prepares drawing-controlled foundation quantities, preliminary costs and a review report. It is not a substitute for the exact manufacturer drawing, site information and professional approval needed for construction.

[Open this program ↗](#)

Six-step workspace

Step	Inputs and capabilities
Project + bin	Project/customer identity; manufacturer, model, diameter, rings/height, commodity and test weight.
Site	Soil bearing, frost, geotechnical information, native/fill/expansive/organic conditions, groundwater and relevant wind/seismic information.
Foundation	Select the supported foundation type and geometry; match an approved reference drawing or enter an engineer-approved schedule with its drawing reference.
Loads	Enter/review actual manufacturer reactions and uplift information, anchors and unresolved design checks.
Quote	Choose turnkey or labor-only scope; enter material/labor rates, delivery, contingency, markup and discount for the supported takeoff.
Review	Inspect quantities, cost summary and holds; print/save the report or export the takeoff.

Build an estimate from a valid schedule

1. Complete the exact project and bin identity. Enter site data from the appropriate actual records, not a convenient default.
2. Choose the applicable foundation geometry. For a supplied reference, confirm the model, dimensions and published conditions match exactly.
3. If using manual schedule entry, provide the approved drawing reference and the actual concrete, footing/wall/floor/fill, reinforcement/mesh and tunnel quantities from that schedule. Do not scale reinforcement from a different bin.
4. Confirm load/anchor information and review all holds. Without an approved usable schedule the quote is locked; unsupported/missing information should remain unresolved until reviewed.
5. Enter current project-specific rates and scope. Check delivery, allowances, markup and discounts, then inspect the review output before presenting a price.

Keep in mind

An approved schedule enables a takeoff; it does not eliminate unresolved site/load review or certify an issue-for-construction document. The application does not apply a professional seal.

Save and export

Control	Result
Save / Load	Stores and retrieves the current project in the same browser’s local storage. It does not create a cloud account or sync to another device.
Export project	Downloads an editable .foundation.json project backup.
Import project	Loads a selected foundation project file. Review inputs and references after import.
Takeoff CSV	Exports quantities for review or spreadsheet work.
Print / PDF and copy summary	Creates a shareable report/summary. A report is separate from an editable project backup.

CHAPTER 26 / FARM OPERATOR

Farm Legacy: farm operations dashboard

Farm Legacy is a farm-record workspace despite the “game” address. Its current implementation combines editable shared records with seeded example data and several demonstration-only displays. Verify the farm data before treating it as a business record.

[Open this program ↗](#)

Review status: Mixed working records and demonstration controls

What each dashboard can do

Dashboard	Working capabilities	Current limits
Overview	Summarizes entered acres, grain quantity/capacity, open work and working capital from cash plus receivables minus payables.	Some attention, performance and chart values remain fixed demonstration figures.
Fields & Crops	Add fields with acreage, crop, variety, yield goal and landlord; review the crop/field cards and supported field data.	Not an automatic agronomy feed, yield monitor or remote-sensing system.

Dashboard	Working capabilities	Current limits
Grain & Storage	Update existing bin inventory, moisture, temperature and status; add grain contracts with buyer, quantity, price and period.	Values are manually entered, not sensor telemetry.
Equipment	Review equipment and log service, repair cost and notes through the provided workflow.	The current service action uses a fixed example service date, sets Ready/Good and calculates next service at entered hours plus 250. Verify these before use.
Financials	Add income/expense transactions; supported entries update cash. View transaction and loan displays.	Budget/performance graphics include static data; loan display is not a complete loan-management workflow.
Work Orders	Create work with title, category, priority, due date and assignee; toggle completion; filter Open, Complete or All.	The visible category selector does not currently apply a filter.
Reports	Download the farm JSON backup and a field CSV.	Some report buttons have no action; CSV contains fields, acres, crop, stage, moisture, health and yield goal, not every field attribute.

Use the records carefully

1. Review seeded farm, equipment, field and financial examples before entering real information. Work in the intended shared operation.
2. Add/update the relevant field, bin, contract or task and wait for the save status. Refresh only after confirming persistence.
3. When logging equipment service, review the generated date, status and next-service values. The generated repair transaction does not reduce cash in the current implementation; reconcile it separately to avoid inaccurate balances.
4. Use Financials for actual income/expense entries with the correct amount and category. Reconcile cash, receivables, payables and repairs against source records.
5. Download the JSON backup through Reports before important changes or if saving is interrupted. Inspect the CSV columns before relying on it as a full record export.

Save and access limits

- The application currently uses one shared server farm workspace. It does not provide separate private customer farms or a full role-based team system in this version.
- Watch for All changes saved versus Save interrupted / Offline. Local edits are not evidence of a successful server save.

- Switch operation, the mobile-menu control, notifications and some report actions are demonstration controls without complete handlers in the inspected source.
- A visible chart, task count or loan card does not establish a live integration, automated payment, sensor connection, accounting compliance or regulatory report.
- No JSON-import recovery interface was observed. Keep exports as records and contact the site maintainer for restoration rather than assuming a visible restore control exists.

CHAPTER 27 / EVERYONE

Other programs: Knopp route, brochures and Silver Silo

These links extend the network beyond the core equipment website. Their current availability and function differ, so each is documented separately.

Knopp Management route

The former standalone Knopp Management deployment was confirmed paused on October 4, 2026, so the Farmer Surplus website no longer sends customers there.

Open the owner-supplied Knopp Management Sukup portal at <https://farmer-surplus-equipment.farmersurplus.chatgpt.site/knopp-management> for manuals, build steps, safety, field tools, forms and Office Ops. Farm Workshop My farm remains available separately.

Keep in mind

Knopp Management now opens the uploaded Sukup portal. Office Ops uses the owner account and stores changes in this browser.

Equipment brochures

The main site's brochure link opens <https://www.farmersurplus.com/brochure>. Its selector organizes manufacturer resources including Sukup, AGI, Brock, GSI and Chief. Choose the brand and open the applicable publisher material. Brochure content is product information; use the exact installation/operation/service manual and revision for a work procedure. The brochure page is not an order or administration dashboard.

The Silver Silo Farmer Market

The linked bulk-market application is at <https://silver-silo-farmer-market.farmersurplus.chatgpt.site>. It presents meat boxes/shares, sauce cases and seasoning cases as quote-request products. The inspected catalog contains 27 listings: 18 meat offerings, four sauce cases and five seasoning cases. Catalog descriptions, recipes and proposed pricing require business confirmation.

1. Search or choose a department and inspect the product description. For shares, distinguish hanging-weight information from packaged yield and the final confirmed terms.

2. Add products to the basket and adjust quantities. Case products use the stated pack size; confirm what a quantity of one means.
3. Enter name, email, phone, shipping/pickup/local-delivery preference, address, requested first date, optional repeating schedule and notes/allergy information.
4. Submit the quote request. The form uses an external email-form service whose destination must be activated and delivered successfully. Retain a copy and follow up if no acknowledgment arrives.
5. Wait for a confirmed quote, availability, delivery and payment instructions. A weekly/monthly request preference does not create an automatic recurring paid order.

Keep in mind

There is no native order-management or administrator dashboard in the inspected market site. The current request basket is not live Ecwid checkout, a card charge or an automatic supplier order.

CHAPTER 28 / EVERYONE

Cross-program operating workflows

Use the same project/job/offer reference in the relevant systems, but do not assume records transfer between applications. These examples show the normal handoffs.

Plan and quote a grain facility

1. Collect the real site, crop, capacity, timing and equipment requirements through the main quote request or Workshop planning discussion.
2. Use Workshop facility planning and calculators to evaluate harvest, drying, receiving and storage assumptions. Save the plan and its sources.
3. Use Design Your Site for the equipment layout, connections, views and preliminary BOM. Keep a JSON revision and review layout checks.
4. Use Foundation Engineer only with the exact approved schedule and actual site/load information. Keep the editable foundation file and review holds.
5. Prepare the construction quote with agreed scope/exclusions and actual rates. Arrange the site review and needed engineering/approvals.
6. Use the approved construction payment item only for the agreed deposit/progress/final/design amount; record the order reference in the project's operating records.

Complete an auction transaction

1. Seller publishes the complete item and understands the fee rate locked at publication.
2. Buyer wins the auction or uses Buy Now. Both parties use the released contact details to arrange item payment and pickup.

3. Record item settlement in the auction record as supported. The seller separately follows the commission invoice/fee process.
4. Staff reconciles the fee receipt and marks the fee record accordingly. Item paid and seller fee paid are separate states.

Turn a directory inquiry into a service job

1. Buyer submits an AG Directory request and appropriate referral consent.
2. Owner qualifies it and chooses internal handling or an approved provider offer.
3. Where a provider fee applies, accept, collect and verify the exact fee before contact release.
4. Create and coordinate the actual work in the appropriate service program, such as United Services. A directory offer does not automatically create a United booking.
5. Record job outcomes and actual receipts/costs in the right systems; avoid counting the same payment as both lead revenue and project revenue.

Assign farm maintenance

1. Register the asset and exact manuals in Workshop My farm.
2. A manager builds and approves a sourced procedure, then starts/assigns the job.
3. The worker performs the work, records step states, notes, photos and parts usage, and submits the appropriate form.
4. The manager reviews the record, reconciles parts and meter information, and prints the work report.
5. If a paid service is needed, use the appropriate request and approval process; a completed farm form does not dispatch an outside contractor.

CHAPTER 29 / EVERYONE

Access, backups and troubleshooting

Start with the exact program, signed-in identity and record reference. Most confusion comes from a missing permission, an unverified payment, a local-only save or an unfinished request.

Common problems

Problem	What to check / do
I paid but access is missing	Check the purchased product, account email and actual paid order. Workshop, directory, United and auction memberships may require manual staff verification. Send the order/reference through the relevant support path.
I cannot see an owner dashboard	Verify the program and account. A customer plan does not grant administrator permission. Ask the existing owner to confirm the required role.
Design Your Site project is missing	Check the same browser autosave, downloaded JSON and the correct Design Your Site cloud account separately. Refresh the cloud list. PDF/video outputs cannot restore editable geometry.
Foundation project is missing	Load in the original browser or import the .foundation.json backup. There is no cloud synchronization in this version.
Quote request has no response	Confirm the page showed Request sent after Submit request. If sending failed, the form keeps your details so you can retry. A sent request goes directly to farmersurplus@gmail.com; follow up at 931-316-7606 if you need confirmation.
Lead contacts remain hidden	Acceptance and checkout are not the release step. Staff must verify the approved full payment and release the contacts.
Rental date/extension is not confirmed	Check job stage, actual inventory capacity and dispatch response. An extension request alone does not change the booking.
Manual answer lacks detail	Match brand/model/revision, select the exact manual, check whether text is indexed and open the original pages. Request the missing document when necessary.
Video/map/catalog fails	Retry the relevant resource or direct-file/store link. These features depend on outside services and browser capabilities. Keep editable work backups before refreshing.
Totals do not match bank deposits	Separate quotes, scenario forecasts, invoices, manually recorded receipts, fees and actual bank settlement. Reconcile against original transactions.
Farm Legacy save fails	Preserve a JSON export if possible, note the error/time and avoid assuming unsaved local changes reached the shared server.

Problem	What to check / do
Knopp Management will not open	Use the Knopp Management menu link to open the Sukup portal. Office Ops requires the owner's ChatGPT account; public manuals and crew forms remain open.

Backup and record checklist

- Design Your Site: retain named JSON versions alongside review PDFs/BOMs and any cloud layouts.
- Foundation Engineer: retain the .foundation.json file, approved drawing reference and takeoff/report.
- Auctions: retain listing/sale references, item-settlement evidence and separate commission receipts.
- Workshop: save work to the correct account/farm and retain important job reports; do not depend on session-only lesson progress.
- AG Directory / United: export available ledgers/recent requests and retain payment, consent and job references where the workflow requires them.
- Farm Legacy: download a JSON record and field CSV; confirm the actual exported columns and shared-workspace limitation.
- Store orders: keep the store receipt and its relationship to the specific service, offer, invoice or membership.

When contacting support

Include the program name, page/screen, your account email, job/listing/offer/order reference, approximate time and a concise description of what happened. Include a screenshot when useful, with unrelated private information removed. Never send a password or payment-card details in a project note. The main site publishes farmersurplus@gmail.com and 931-316-7606; program-specific requests should retain their own reference.

CHAPTER 30 / EVERYONE

Terms and record meanings

These terms appear across several programs, but their records remain separate.

Common terms

Term	Meaning in these programs
Draft	Saved working content that is not necessarily public or approved.
Published	Visible to the intended public/program audience; it does not prove stock, acceptance or payment.
Requested	Submitted for review. Timing, scope or access may still require confirmation.
Approved / confirmed	The relevant reviewer has accepted the specific item. Confirm what was approved: a plan, role, job date or amount.
Quote / estimate	A calculated or proposed price based on inputs and scope. It is not money received.
Invoice	A request for payment. A link or invoiced state is not a paid receipt.
Paid / recorded paid	Payment verified or manually marked in that specific system; reconcile with the source receipt.
Membership / plan	A product entitlement or listing allowance, separate from an administrator or worker role.
Lead offer	An opportunity preview with terms/fee. Buyer details remain controlled until release.
BOM / takeoff	An item/quantity list for estimating and review; not automatically an order.
Cloud save	Saved to that program's server/account. It is separate from local browser storage.
Export	A downloaded snapshot. Only supported project formats can be imported as editable work.
Scenario / demo	Example assumptions, data or controls that must not be treated as actual operational results.

CHAPTER 31 / EVERYONE

Complete Workshop tool index

All 101 tools are listed below: 100 calculators in ten categories and the connected facility-planning wizard. Open Tools and search the exact title. Read each tool's displayed formula, input units and limitations before using its output.

[Open this program ↗](#)

Layout & geometry

Tool	Purpose
Right triangle & auger length	Find length, slope and angle from rise and horizontal run.
Auger reach at an angle	Calculate vertical lift and horizontal reach.
Gravity spout drop	Check vertical drop for a proposed spout angle.
Conveyor length with offsets	Combine vertical, lateral and forward offsets.
Roof pitch & rafter	Calculate angle and rafter length from pitch.
Site grade & elevation	Work out elevation change over a measured distance.
Building layout diagonal	Verify a rectangular layout using its diagonal.
Ramp length	Estimate ramp run and surface length from grade.
Circular bin layout	Calculate circumference and footprint.
Equipment clearance	Compare available opening with equipment dimensions.

Grain storage

Tool	Purpose
Round bin capacity	Estimate level grain capacity from diameter and fill depth.
Grain peak volume	Estimate additional bushels in a conical grain peak.
Hopper cone volume	Calculate the storage volume of a full cone.
Flat storage capacity	Estimate level grain in rectangular storage.
Bushels to grain weight	Convert marketed bushels using your weight standard.
Grain weight to bushels	Convert net load weight into equivalent bushels.

Tool	Purpose
Storage shortfall	Compare your harvest with available storage.
Bin fill time	Plan filling time from remaining capacity and flow.
Truckloads to empty a bin	Estimate full and partial loads for grain movement.
Daily harvest intake	Plan incoming bushels and receiving hours.

Drying & moisture

Tool	Purpose
Moisture shrink	Separate water shrink from handling and dry-matter loss.
Water removed by drying	Estimate pounds of water to remove from wet grain.
Final dry grain weight	Estimate saleable mass after moisture reduction.
Dryer fuel cost	Estimate fuel expense from measured fuel consumption.
Dryer electrical cost	Estimate electrical expense for fans and drives.
Drying cost per bushel	Combine fuel, power and labor for your drying batch.
Dryer run time	Plan dryer hours at your measured throughput.
Measured dryer throughput	Calculate actual output from a timed batch.
Blended grain moisture	Estimate wet-basis moisture of two grain lots.
Fuel remaining & run time	Estimate remaining hours from usable fuel volume.

Concrete & earthwork

Tool	Purpose
Concrete slab volume	Calculate yards for a slab and an order allowance.
Round bin concrete pad	Estimate a circular pad's concrete volume.
Concrete ring foundation	Take off a ring from outside and inside diameters.
Continuous footing volume	Estimate concrete for a rectangular footing.
Concrete pier volume	Calculate total concrete for round piers.
Excavation takeoff	Estimate in-place and loose excavation volumes.

Tool	Purpose
Aggregate base tonnage	Estimate aggregate from volume and bulk density.
Rebar grid quantity	Estimate bar length for one layer of rectangular grid.
Ready-mix loads	Plan ready-mix deliveries using truck load size.
Concrete budget	Build a material and labor allowance.

Handling & hauling

Tool	Purpose
Conveyor volumetric flow	Estimate movement from loaded area and belt speed.
Grain system bottleneck	Find the lowest capacity in a series of machines.
Usable truck payload	Subtract empty weight from your permitted gross weight.
Harvest truck fleet	Estimate trucks needed to keep up with harvest.
Hauling cost per bushel	Estimate a trip's variable cost per bushel.
Truck unloading time	Plan receiving time for a loaded truck.
Belt speed from pulley RPM	Calculate belt surface speed without slip.
Pulley speed ratio	Estimate driven speed from pulley diameters.
Bucket elevator volume	Estimate volume using bucket size and spacing.
Wet holding buffer	Calculate how long wet storage can buffer a flow imbalance.

Field & planting

Tool	Purpose
Rectangular field acreage	Convert field dimensions into acres.
Triangular field acreage	Measure a triangular corner or field.
Circular pivot acreage	Estimate the irrigated circle from pivot radius.
Seed quantity	Estimate total seeds and bags for your acreage.
In-row seed spacing	Convert population and row width into spacing.
Stand count population	Convert counted plants and sampled row length into population.

Tool	Purpose
Germination adjustment	Adjust seed amount for expected establishment.
Effective field capacity	Estimate acres per hour for an implement.
Field work hours	Estimate operating days to finish a field task.
Harvest yield from scale	Calculate yield from harvested acres and net grain weight.

Water & irrigation

Tool	Purpose
Acre-inches to gallons	Convert irrigation depth into water volume.
Irrigation run time	Estimate time to deliver a target water depth.
Water application rate	Calculate average water depth applied per hour.
Round water tank volume	Estimate capacity for a vertical cylindrical tank.
Pond water volume	Estimate volume from surface area and average depth.
Water pump hydraulic power	Estimate pump shaft power from flow, head and efficiency.
Water pipe velocity	Estimate average velocity through a full pipe.
Pumping cost per acre	Spread energy costs across irrigated acres.
Rainfall water volume	Estimate the water equivalent of rainfall on a field.
Water tank fill time	Calculate time to fill remaining tank capacity.

Power & mechanics

Tool	Purpose
Horsepower to kilowatts	Convert mechanical horsepower into power units.
Motor input power	Estimate electrical input from output and efficiency.
Three-phase power estimate	Estimate real power from measured volts and amps.
Single-phase power estimate	Estimate real power from voltage, current and power factor.
Equipment energy expense	Estimate energy usage for a scheduled run.
Shaft torque	Convert shaft power and rotation speed into torque.

Tool	Purpose
Gear reduction output	Estimate output speed and torque multiplication.
Hydraulic power	Estimate theoretical fluid power.
Cylinder extension force	Estimate theoretical extension force from bore and pressure.
Motor synchronous speed	Calculate theoretical synchronous speed.

Inputs & materials

Tool	Purpose
Fertilizer product quantity	Convert a user-selected nutrient amount into product weight.
Nutrient unit cost	Compare price per pound of one selected nutrient.
Liquid application volume	Calculate total carrier volume at your chosen rate.
Application tank coverage	Estimate acres covered by a usable tank volume.
Nozzle calibration flow	Calculate required carrier flow from rate, speed and spacing.
Measured bulk density	Find bulk density from a weighed known volume.
Fence post takeoff	Estimate posts for a straight fence with maximum spacing.
Fence wire quantity	Estimate wire length for multiple strands.
Lumber board feet	Convert nominal dimensions into board feet.
Coating coverage	Estimate gallons from area, coats and coverage.

Costs & planning

Tool	Purpose
Crop gross revenue	Estimate crop receipts using your price and yield.
Break-even crop price	Find a price that covers entered costs.
Break-even yield	Find the yield needed to cover entered costs.
Storage carrying cost	Compare storage, interest and a future price difference.
Equipment simple payback	Compare upfront cost with annual net savings.
Fixed-rate loan payment	Model principal and interest with a fixed monthly rate.

Tool	Purpose
Crew labor budget	Estimate labor hours and straight-time base cost.
Rental period comparison	Compare daily, weekly and monthly rental combinations.
Project markup & margin	Distinguish a cost markup from sales margin.
Field fuel budget	Calculate fuel and cost across an operation.

Connected planning

Tool	Purpose
Grain facility planning wizard	Connect harvest, storage, dryer sizing, wet holding, receiving, bin options and auger reach in one saved plan.

CHAPTER 32 / EVERYONE

Review record and maintenance

Edition 2 · main website diagnostics and guided-planning update, October 5, 2026. Linked-program review dates remain listed individually below.

Reviewed systems

System	Review evidence
Main website, store links, quote flow, payments and auctions	Website and Worker source rechecked October 4, 2026. Baseline version 149 (c98d405), including direct quote submission, construction call/quote choices, the phone catalog chooser, Auction Yard phone filters and seller-step navigation, and the working Knopp Management route.
Farm Workshop / embedded Knopp Management	Current application, tool catalog, knowledge/workflow screens and server code. Snapshot f0195c8, reviewed September 30, 2026; public My farm route reconfirmed October 4, 2026.
AG Directory	Current public/account/owner components and request/lead/payment logic. Snapshot 1c7d292, reviewed September 30, 2026.
United Services	Current application, job/lead/owner flows and operating documentation. Snapshot 16c5b2a, reviewed September 30, 2026.
Foundation Engineer	Current six-step tool, calculations, source gates and export controls. Snapshot 8223814, reviewed September 30, 2026.

System	Review evidence
Farm Legacy	Current components and shared-state behavior, including incomplete controls. Snapshot da12b59, reviewed September 30, 2026.
Silver Silo Farmer Market	Current catalog, basket and request form implementation. Snapshot 7159360, reviewed September 30, 2026.
Design Your Site	Public wrapper, editor interface and publicly served editor modules reviewed September 30, 2026. Authenticated backend operations were not executed.
Brochures	Public manufacturer-selector page reviewed September 30, 2026. Individual publisher collections were not exhaustively audited.
Former standalone Knopp Management	Older deployment confirmed paused October 4, 2026. The owner subsequently supplied the Sukup portal, now hosted at /knopp-management.

What this review did not certify

No real purchases, auction bids, customer messages, lead releases, farm-record changes, role changes or phone charges were performed. Store, bank, manufacturer, mapping, phone and email-service internals were not audited. Function availability can depend on account role, configuration, third-party availability and later software changes.

The main store contains a changing product catalog. This manual explains how to use it; it does not reproduce every SKU, price, manufacturer instruction or legal term. Read the current checkout, exact equipment publication and agreed scope when acting.

Keep the manual current

- Update this edition whenever a program changes its screens, roles, payment activation, data storage or export behavior.
- Keep Knopp Management pointed at the owner-supplied Sukup portal at /knopp-management. Preserve Farm Workshop as a separate program.
- Recheck Farm Legacy demonstration controls and Workshop legacy billing labels after their implementations change.
- Keep the online manual and PDF generated from the same content source so the two editions agree.

October 5 diagnostic scope

The main-site automated suite covers chatbot conversations, catalog and manual retrieval, quote behavior, native account security, job dispatch and crew workflow, documents, ratings, sales approvals, auctions and shared navigation. Tests use local fixtures; no real customer transactions were created.

Recent production error logs returned no events in the inspected three-hour window. This is a point-in-time observation, not a guarantee of future availability. Browser interaction, live checkout, email delivery and authenticated third-party program actions were not independently completed in this pass.

The Workshop source used to verify the 101-tool index and Facility Planner was revision 5e67a7e8528b99f6f3f6ad3d2d382a6436611604. Its tool access controls remain unchanged. The imported catalog is dated August 30, 2026; one implausible bin-capacity row is excluded from automatic capacity suggestions pending owner review.