
KIKOKEEPER

The Ultimate Universal Goat Herd Management Guide
& Complete Field Reference Manual



Universal Platform Supporting All Goat Breeds, Breeders & Registries

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1. Setup, Licensing & Preferences

KikoKeeper is a full-featured, offline-first herd management application designed specifically for goat ranchers, kidding operations, and meat goat breeders of all breeds. The application works completely offline in remote pastures and automatically synchronizes with your cloud database and desktop PCs whenever an internet connection or local network is available.

Key System Architecture & Preferences:

- **30-Day Full-Access Free Trial & Cross-Platform Licensing:** Every new installation automatically activates 30 full days of unrestricted access to all features upon first launch. Following the trial, an active subscription (Monthly at \$14.99/mo or Annual at \$119.00/yr) is available directly via the Microsoft Store on Windows, Apple App Store (iOS), or Google Play Store (Android). Subscriptions unlock full cross-platform access across all your devices under one login.
- **Streamlined Authentication & Offline Accessibility:** Sign in securely using Google Sign-In, Apple Sign-In, or direct Email One-Time Passcode (OTP) / Magic Link. (Third-party Facebook login has been completely phased out in compliance with strict privacy and data-minimization standards). KikoKeeper operates entirely offline once authenticated, storing all ranch records locally in an encrypted SQLite database and caching security credentials for seamless remote pasture operations.
- **Starter Herd Wizard & Fast-Track Pedigree AI OCR:** New ranchers and breeders setting up a new operation are guided by an intuitive step-by-step Starter Herd Wizard. In addition to manual entry, breeders can tap **Scan Registration Certificate / Pedigree** directly inside the onboarding wizard. The built-in AI OCR scanner extracts animal details and ancestral lineage from camera photos or PDF documents in seconds, establishing the initial herd foundation without requiring manual navigation through submenus.

Starter Herd Wizard Skip

1 ✓ Ranch Profile 2 ● First Animal 3 ● Ready!

Add Your Foundation Animal

Start by entering your key herd sire or foundational doe. You can add more later anytime.

Scan Pedigree Certificate AI FAST TRACK

Upload a registration certificate (NKR, AKGA, ABGA, ADGA, etc.) as a photo or PDF to auto-fill identity and build multi-generation bloodlines.

Scan Certificate (Photo or PDF)

Buck (Sire)

Ear Tag / ID Number *

101

Animal Name *

KKPR Black Onyx

Color / Markings (Optional)

Birth Year

██████

♀ **Doe (Dam)**

Figure 1.1: Starter Herd Wizard Step 2 — Tap 'AI FAST TRACK' to scan certificates and auto-populate foundation lineage.

- **Interactive Showcase Herd & Schema Self-Healing:** Explore KikoKeeper instantly using the pre-loaded Showcase Herd. The test drive showcases fully populated records—including breeding calendars, FAMACHA logs, 5-generation pedigree trees, and financial ledgers. A persistent 'Exit Showcase Herd' header banner and Settings action allows one-tap switching to live ranch data. Upon exiting or synchronizing, KikoKeeper runs autonomous schema self-healing algorithms that reconcile foreign keys, purge mock demo rows, and ensure database integrity.
- **1-Tap Quick Cloud Sync:** Tap the dedicated sync button in the Home Screen AppBar to initiate instant background synchronization with live animated progress feedback and immediate device cache refresh.
- **Measurement System Toggle (SAE vs. Metric):** Switch seamlessly between Imperial (lbs, oz) and Metric (kg, g) units in Settings. The app automatically converts all weight logs, ADG targets, and dosage calculations.
- **Bilingual Support (English & Spanish):** Complete localization across all menus, data entry dialogs, analytical reports, and screen headers.
- **High-Speed Cloud Sync & Photo Backup:** Optimized SQLite transaction engine synchronizes records and automatically backs up animal photos to Supabase Storage across mobile and desktop devices.



Figure 1.2: Showcase Herd Active Drawer Notification and Exit Dialog with Autonomous Schema Self-Healing.

2. Animal Profiles & Herd Registry

Every goat in your herd has a comprehensive digital profile tracking birth details, physical identifiers, pedigree lineage, and health history.

- **Adding an Animal:** Tap the floating **(+) Add Goat** button from the main dashboard or herd list. Enter registered name, barn name, sex, breed, date of birth, and coat color.
- **Reference Stock Classification:** Dedicated Reference / External (Not in Herd) status cleanly isolates non-resident service sires, sale bucks, and outside semen donors. Reference animals are excluded from active physical headcounts and shared herd expenses, while remaining fully integrated in pedigree trees, kinship calculations, and breeding event records.
- **Batch Entry Status Migration & Restoration:** Filter and transition animals between statuses (Active, Reference, Sold, Culled, Deceased, Ancestor) in bulk. Reinstating goats back to Active cleanly and safely clears historical removal dates and sale metadata.
- **Searchable Animal Picker:** Fast modal search across animal forms with instant query matching across names, ear tags, tattoos, microchips, and registration numbers, complete with quick-filter chips (All, Active, Reference, Ancestors).
- **Standard Breed Registry Number Anatomy:** Structured recognition for multi-part breed registry identification (e.g. [Registry][Year][Sex][EarTag][HerdPrefix][KidSequence]). Mathematical deduplication guarantees uniqueness across certificate scans.
- **University & State Buck Performance Tests:** Direct tracking of recognized university buck test placement codes on buck profiles (e.g. MS 25/3 = Mississippi State 2025 3rd place, WV 26/1 = West Virginia 2026 1st place, ND, FL).
- **Registration Certificate OCR Document Scanner:** Use your device camera to scan physical paper registration certificates. KikoKeeper extracts goat names, registration numbers, classifications, tattoos, birth dates, and ancestors automatically.
- **Herd Overview Demographics & 1-Tap Sex Filtering:** Bucks and does track true biological sex independently of herd age groups. Use the 1-tap horizontal Sex filter bar ([All Sexes] [Bucks ■] [Does ■] [Wethers]) in the Animal List for instant filtering.
- **Tags & Microchips:** Store primary ear tag, EID/RFID microchip numbers, scrapie tags, and official tattoo codes (right ear / left ear / tail web).

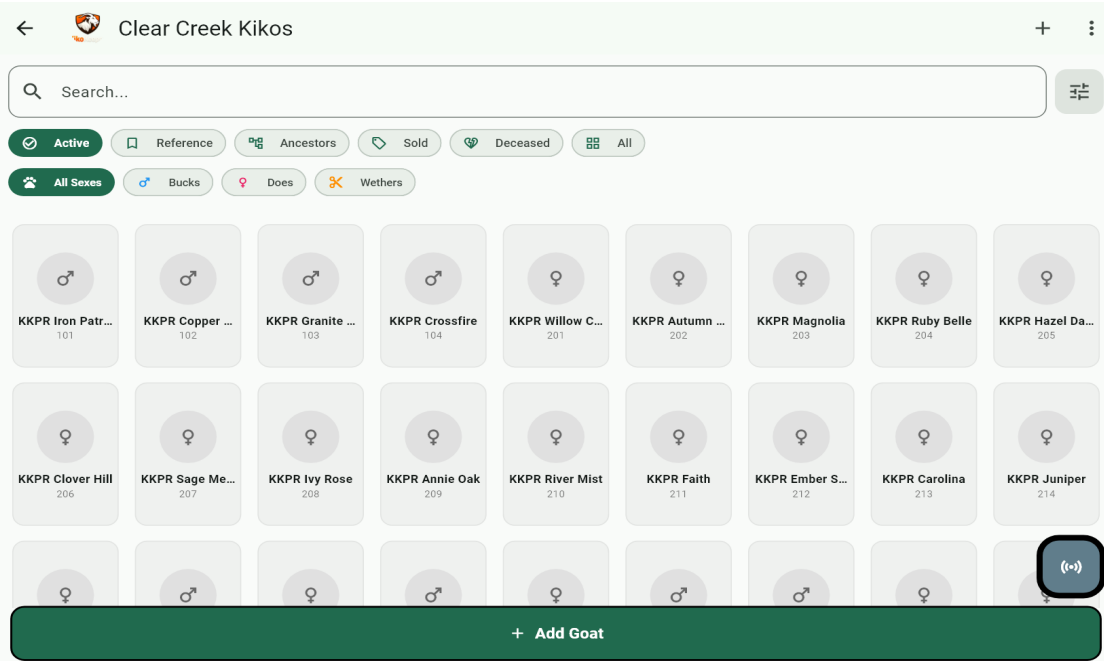


Figure 2.1: Animal Profile Header with Performance Badges, Registry Number Anatomy, and Identification Records.

3. Weight Records & ADG Tracking

Tracking weight gains and Average Daily Gain (ADG) is essential for selecting top-performing meat goats, evaluating doe milk production, and identifying slow growers early.

Per-Category ADG Target Ranges

Different age groups have distinct natural growth rates. KikoKeeper allows you to configure independent ADG target thresholds (Minimum ADG and High Target ADG in lbs/day or kg/day) for each specific age category:

- **Pre-Weaned Kids:** Nursing kids (0 - 90 days). Evaluates dam milk production.
- **Kids:** Post-weaning growth (3 - 12 months). Identifies forage efficiency.
- **Yearlings:** Growing bucks and replacement does (12 - 24 months).
- **Adults:** Breeding stock maintenance (24+ months).

Live Goat Selection, Batch BCS Entry & Responsive Layouts

In the **Weight Analytics** dashboard, interactive selection checkboxes allow you to filter statistics dynamically. Check individual goats or use **Select All / Deselect All** to instantly recalculate herd averages, ADG distribution pie charts, and breed performance bars for only the selected animals. The dashboard is fully responsive, automatically formatting ADG distributions and performance headers cleanly on narrow smartphone displays as well as widescreen desktop monitors. In **Batch Entry**, set a **Herd-Wide Default BCS Score** (e.g., 3.0) to automatically apply body condition scores across selected goats in a single pass.

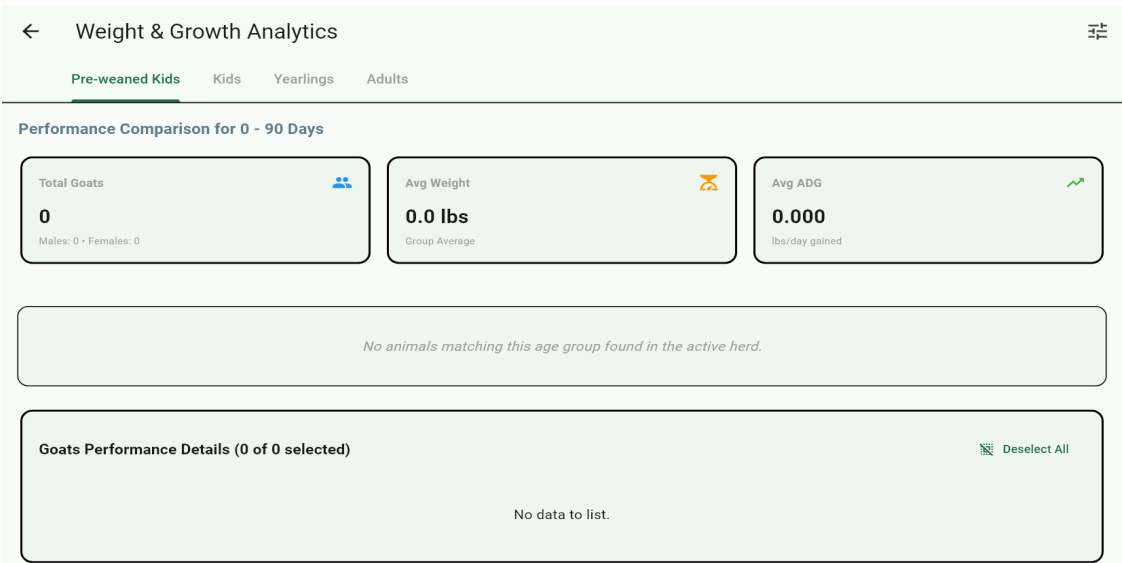


Figure 3.1: Weight Analytics Dashboard with Category Target Cards, Live Selection Filters, and Growth Trajectory Curves.

4. Breeding, Kidding & Semen Tank Inventory

Manage your breeding season with complete control over natural pasture cover, artificial insemination, projected kidding dates, litter delivery records, and frozen semen straw storage.

- **Natural Service Exposure Windows:** Record introduction (Buck In) and removal (Buck Out) dates. Automatically calculates the dynamic 150-day **Expected Kidding Window** (e.g., Apr 4 - Apr 24, 2026) across dashboards and reminders.
- **Artificial Insemination (AI) & Semen Inventory:** Directly manage frozen semen tank canisters and canes. Log straw ID codes, breed, collection dates, straw count, tank location, and storage canes. Features an integrated **AI Buck Pedigree Scanner** allowing breeders to scan registration certificates, DNA cards, or pedigree PDFs to auto-fill buck details, link to active herd sires, or automatically import outside bucks as **Reference Sires** with complete 5-generation ancestor trees into the herd database. Semen cards display a distinct Pedigree Linked badge when connected to full genealogical lineage.
- **Embryo Transfer (ET):** Manage donor doe, recipient doe, flush dates, and embryo grades.
- **Kidding Litters:** Log birth date, dam BCS, litter size (singles, twins, triplets, quads), kid birth weights, presentation (Normal, Malpresentation, Assisted), and automatic newborn profile creation.
- **Quick Search Filters:** Real-time search bars across both Breeding Events and Kidding Records tabs filter instantly by dam, sire, tag, or notes.

5. AI Genetics Lab, Kinship & Purchase Simulator

The **AI Genetics Lab** is an advanced livestock breeding intelligence center combining deep pedigree traversal, Wright's / Karigl coefficient of inbreeding calculations, and multi-trait optimization algorithms to maximize herd vigor and performance.

AI Breeding Optimizer & Trait Scoring

With a single tap, the AI Pairing Engine analyzes your active does against all potential sires—including resident herd sires, outside reference bucks, and frozen semen straws in storage. It evaluates and scores pairings across multiple critical parameters:

- **Low Inbreeding Risk ($\Phi < 6.25\%$):** Prioritizes maximum hybrid vigor and genetic diversity.
- **Projected Progeny ADG Growth Curves:** Analyzes historical sire and dam offspring growth to forecast weaning weights.
- **Parasite & Health Resilience:** Factors dam and sire FAMACHA[®] and fecal egg count histories to produce parasite-resilient offspring.
- **1-Tap Breeding Plan Creation:** Every recommended pairing card includes a 'Plan This Breeding' action that prefills the breeding form with zero manual data entry.

2D Genetic Kinship Heatmap Matrix

The **2D Genetic Kinship Heatmap Matrix** visually pairs all prospective herd sires against all active does in a pinned, vertically aligned table. Each intersecting cell displays the calculated coefficient of inbreeding and is color-coded for instant decision making:

- **Green ($< 6.25\%$):** Safe Outcross. Optimal genetic diversity with minimal inbreeding depression risk.
- **Yellow ($6.25\% - 12.5\%$):** Mild Linebreeding. Acceptable for concentrating desirable ancestral traits.
- **Orange ($12.5\% - 25.0\%$):** Close Inbreeding (e.g., half-siblings). Proceed with caution.
- **Red ($> 25.0\%$):** Critical Inbreeding (e.g., parent-offspring or full siblings). High risk of genetic defects.
- **+ Ref Bucks Toggle:** Tap the '+ Ref Bucks' filter chip to immediately include outside reference sires in the heatmap matrix.

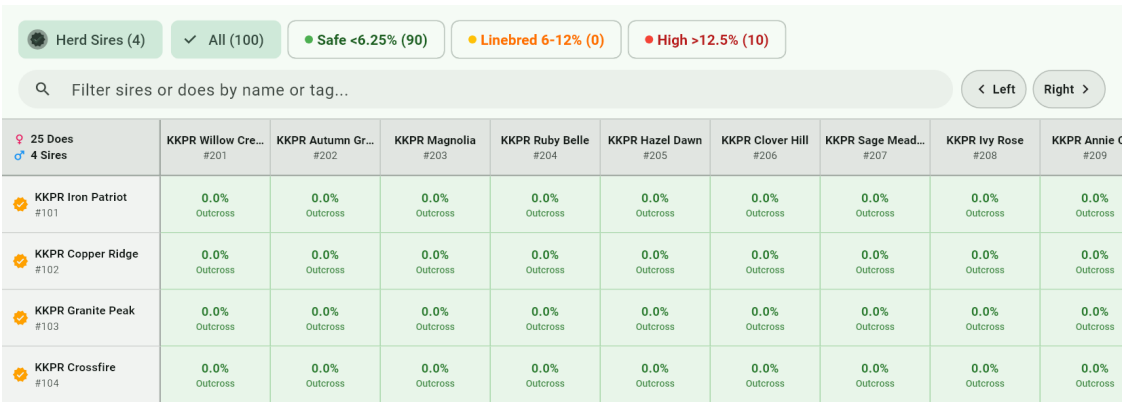


Figure 5.1: 2D Genetic Kinship Heatmap Matrix — Color-coded inbreeding risk cells across resident sires, reference bucks, and does.

Simulate Purchase / Test Animal

Evaluate prospective auction animals or private treaty prospects *before* committing funds. Tap **Simulate Purchase** in the AI Genetics Lab to test any prospective buck or doe against your entire resident herd. Enter details manually, pick from existing reference animals, or scan an auction catalog / pedigree paper using the camera OCR scanner. KikoKeeper simulates prospective matings across all your does or bucks, highlighting inbreeding bottlenecks and optimal cross-matches in seconds.

6. 5-Generation Pedigree Lineage & Cloud Network

KikoKeeper features an interactive, full 5-generation pedigree tree tracking 31 total animals (1 Target Goat + 30 Ancestors: 2 Parents, 4 Grandparents, 8 Great-Grandparents, and 16 Great-Great-Grandparents). This structure strictly matches official 5-generation breed registry certificates (such as NKR, ADGA, AKGA, and others).

Shared Public Pedigree Registry & Cloud Auto-Population

KikoKeeper connects to a crowd-sourced public pedigree lineage registry (**public_pedigree_registry**) indexing over 800 foundation and ancestral goats. When opening an animal with missing lineage, the recursive cloud resolver automatically traverses up to 5 generations deep in the background and populates discovered ancestors badged with a distinct **CLOUD** chip. Tap any ancestor to view pedigree details, or tap **Save to Herd as Reference Stock** (or **Import Discovered Cloud Ancestors** in the AppBar) to commit records to your local database for permanent offline access. The registry enforces strict zero-knowledge privacy: only public genealogical identifiers (registration numbers, animal names, sex, breed, date of birth, and parents' identifiers) participate—ranch identities, locations, financials, medical records, weights, and private notes are 100% excluded.

Multi-Platform Navigation & 5-Gen CSV Export

- **Desktop & Tablet 2D Canvas:** Interactive zoom-and-pan canvas with smooth 2D navigation, clickable ancestor cards, and instant detail inspection.
- **Smartphone Accordion Navigation:** Neatly organized mobile accordion view expanding Sire and Dam branches down through the 5th generation without horizontal text clipping.
- **Full 5-Generation Pedigree CSV Export & Import:** Herd exports write all 62 ancestor positions across 124 dedicated pedigree columns. Re-importing automatically auto-maps all fields 1-to-1 and reconstructs complete ancestor trees.
- **High-Resolution Certificate OCR:** Scan paper certificates with your camera to extract full ancestry into the tree in seconds.

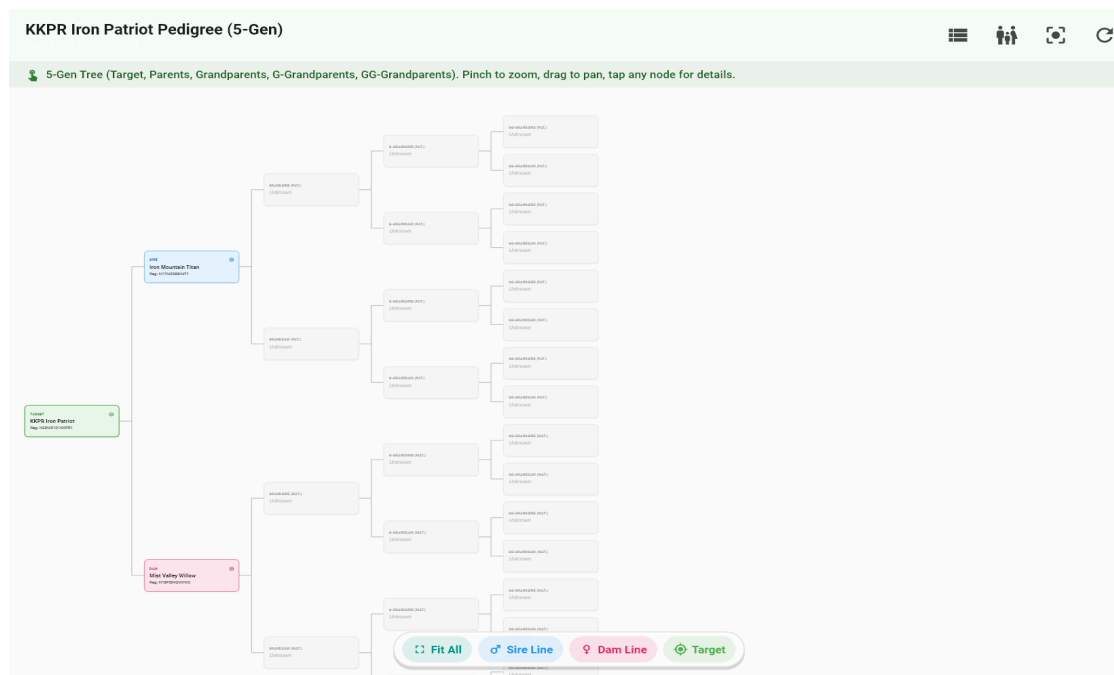


Figure 6.1: 5-Generation Interactive Pedigree Tree with Discovered Ancestors Badged via Cloud Lineage Network.

7. Health Logs, FAMACHA® & BCS

Maintain thorough health records for medical treatments, FAMACHA® parasite scoring, and Body Condition Scores (BCS).

- **Health Records:** Vaccinations, Dewormings, Supplements, Lab Tests (CAE/CL/Johne's/BioPRYN), and Grooming.
- **FAMACHA® (1 - 5):** Inspect eye membrane color to identify anemia and parasite load.
- **Body Condition Score (BCS 1.0 - 5.0):** Monitor rib and spinal fat cover for nutritional management.
- **7 Health Subcategory Charts & Donut Drill-Downs:** Dedicated subcategory trend graphs track wellness over time. Tapping any chart slice opens an interactive summary sheet (**AnalyticsDrillDownSheet**) with timelines and direct animal profile links.

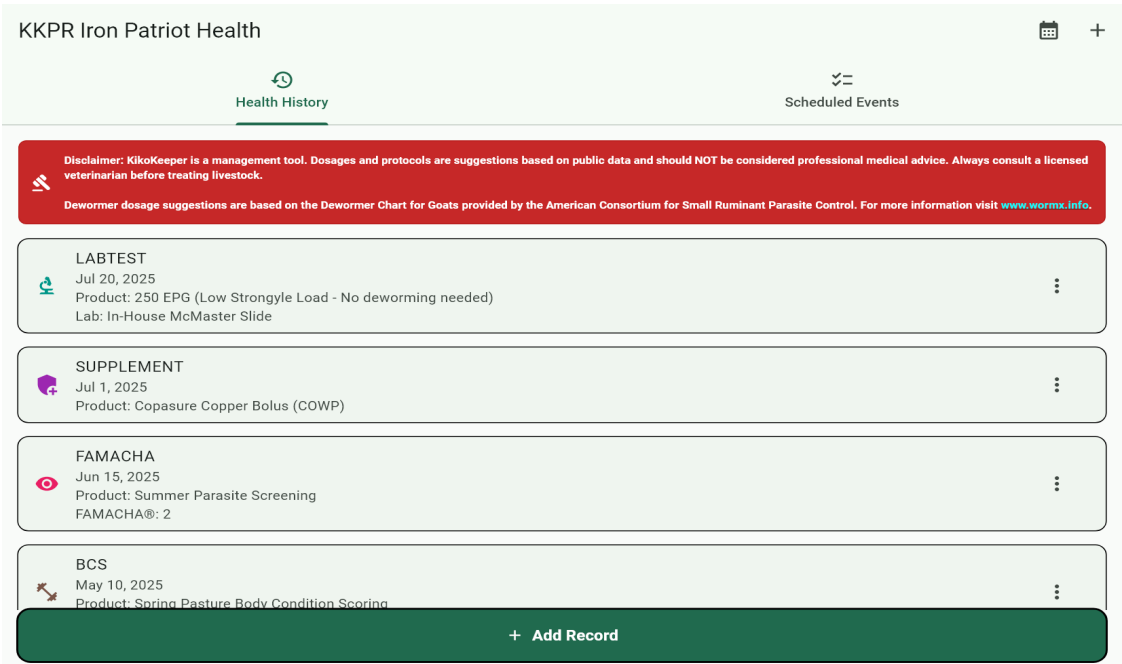


Figure 7.1: FAMACHA® 5-Point Anemia Evaluation System, Recent Treatment Logs & Wellness Drill-Downs.

8. Feed & Nutrition Ration Balancer

Nutritional precision is critical for kid growth rates, doe lactation yields, and buck longevity. The **Ration Balancer** module calculates daily nutritional balances based on National Research Council (NRC) and Langston University ruminant nutrition models.

Core Nutritional Metrics Evaluated

- **Dry Matter Intake (DMI):** Calculates expected daily feed consumption based on body weight percentage and stage of production.
- **Crude Protein (% CP):** Ensures adequate protein intake for muscle synthesis, rumen microbial growth, and milk production.
- **Total Digestible Nutrients (% TDN):** Measures usable energy density to prevent weight loss in lactation or over-conditioning in dry does.
- **Calcium to Phosphorus Ratio (Ca:P):** Formulates optimal 2:1 to 2.5:1 Ca:P ratios to actively prevent urinary calculi (water belly) in bucks and wethers.

Life-Stage Feeding Requirements & Feed Library

Configure rations tailored specifically to production phases: **Pre-Weaned Kids**, **Growing Kids**, **Yearlings**, **Maintenance Bucks**, **Breeding Bucks**, **Dry Does**, **Late Gestation (last 50 days)**, and **Lactating Does**. KikoKeeper includes a pre-loaded feed reference library (Alfalfa, Bermuda, Orchard Grass, Clover, Whole Corn, Oats, Soybean Meal, Commercial Goat Pellets, Goat Mineral) and allows breeders to add custom local feeds with laboratory analysis values.

9. Advanced Clinical Diagnostics & Calculators

Specialized clinical diagnostic calculators assist breeders and veterinarians in evidence-based parasite management.

- **McMaster FEC Calculator:** Enter sample fecal weight (grams), flotation solution volume (ml), and grid chamber counts to calculate quantitative Eggs Per Gram (EPG).
- **FERC Resistance Test:** Compare pre-treatment and post-treatment fecal egg counts to calculate the Fecal Egg Count Reduction percentage, identifying anthelmintic drug resistance on your farm.
- **Dewormer Dosage Rules:** Exact weight-based dosing guidelines for Albendazole (Valbazen), Fenbendazole (Safe-Guard), Ivermectin (Ivomec), Levamisole (Prohibit), and Moxidectin (Cydectin) based on ACSRPC research (www.wormx.info). Includes meat and milk withdrawal periods.

10. Dairy Milking & Meat Production Dashboards

KikoKeeper tracks both dairy and meat production metrics across diversified operations.

Dairy Milking Operations

Log AM and PM milking parlor sessions, daily milk yields (in lbs, quarts, or kg), Days in Milk (DIM), and peak lactation curves. Track individual doe lactation persistency, butterfat percentage, and somatic cell trends over time.

Meat Goat & Carcass Yield Tracking

Record live weights, hot carcass weights (HCW), and cold carcass weights. The calculator automatically computes **Dressing Percentage** ($\text{Carcass Weight} / \text{Live Weight} \times 100\%$), primal cut yields, and price-per-pound realization across auction sale lots, helping breeders select sires that produce superior meat yield.

11. Pastures & Rotational Grazing Management

Optimize forage utilization and break parasite cycles with proactive rotational paddock management.

- **Pasture Mapping & Inventory:** Record paddock names, perimeter acreage, fence types, forage mix (clover, bermuda, orchard grass, browse), and water sources.
- **Rotational Movements:** Move individual animals or entire mobs between paddocks with 1 tap. KikoKeeper tracks grazing entry and exit dates automatically.
- **Rest Period & Parasite Tracking:** Monitor rest durations (in days) to ensure pastures rest long enough for forage recovery and parasite larva desiccation.
- **Overgrazing Alerts:** Visual indicators highlight paddocks that exceed recommended stocking densities or target grazing durations.

12. Targeted Grazing & Vegetation Contracts

Manage commercial brush clearing, wildfire fuel mitigation, and targeted grazing contracts directly within KikoKeeper.

- **Client & Contract Directory:** Track client contact details, property addresses, contracted acreage, billing rates, and multi-stage payment schedules.
- **Mob Assignment:** Assign specific groups of wethers, bucks, or dry does to active grazing projects with arrival and departure headcounts.
- **Daily Site Logging:** Field technicians log daily progress: estimated acreage grazed, target brush species (kudzu, blackberry, thistle, poison ivy), weather, fence checks, and photos.
- **Financial Integration:** Link contract revenue directly to IRS Schedule F Line 4 (Custom Grazing Income) and track project-related mileage and expenses.

13. Farm Finances, Receipts AI & Tax Center

Manage farm cash flow, automated AI receipt scanning, multi-animal purchase grouping, active cost allocation, and IRS Schedule F tax preparation.

Direct Receipt Photo AI OCR Auto-Creation

Record farm expenses effortlessly by snapping or uploading photos of receipts from feed mills, veterinary clinics, livestock auctions, or farm supply stores. KikoKeeper's intelligent Vision AI OCR automatically extracts the **Vendor/Merchant Name**, **Transaction Date**, **Subtotal**, **Taxes**, and **Total Amount**, pre-classifying the entry into official IRS Schedule F categories. The original receipt image is permanently attached to the transaction record for audit protection. The integrated **Universal Receipt Viewer** provides thumbnail previews and high-resolution fullscreen pinch-to-zoom (up to 6x) with 2400×3600 audit-grade legibility.

Multi-Goat Invoicing & Lifetime Ownership Cost Protection

Multi-Animal Purchase Grouping: Combine multiple goat purchases (e.g., from an auction or private treaty) into a consolidated transaction group with a single shared receipt photo.

'Split Across Goats' Allocation: Split total receipt amounts evenly or itemized across selected goats, automatically updating individual animal purchase prices and acquisition dates.

Active-Only Cost Allocation: General unassigned herd expenses only allocate across animals active on that transaction date (\$0 to reference/ancestor stock). Costs incurred up to a goat's death date stick with that animal, while subsequent expenses automatically pro-rate across surviving herd members.

Lifetime Cost Attributability: Operating costs accumulated during an animal's lifetime remain permanently attributed to that animal's dossier, providing true lifetime ROI and cost-of-production metrics even if animals are later retired, sold, or transferred.

IRS Schedule F Line Mapping & PDF Viewer: Map custom categories and default categories (including Meals & Entertainment) to official IRS Schedule F lines. Tap **Preview IRS PDF** to inspect and export pre-filled official 2-page Form 1040 Schedule F PDFs directly inside KikoKeeper.

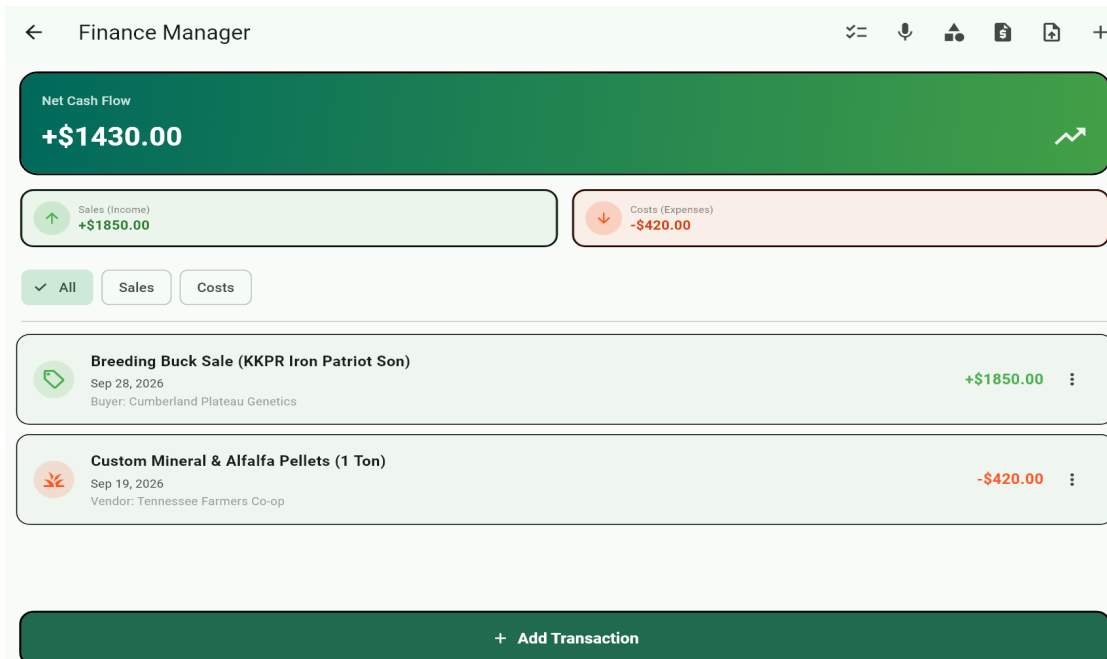


Figure 13.1: Direct AI Receipt Scanning with Automated Merchant/Tax Extraction and Pre-Filled IRS Schedule F Export.

14. Medicine & Farm Supply Inventory

Track essential ranch supplies, pharmaceuticals, and feed stocks to ensure zero lapses in animal care.

- **Medicine & Vaccine Tracking:** Track medication names, bottle sizes, dosage units, batch/lot serial numbers, and manufacturer expiration dates.
- **Meat & Milk Withdrawal Safeguards:** Track official withdrawal periods for each medication. When treating goats, KikoKeeper records active withdrawal dates to prevent premature slaughter or dairy sales.
- **Low-Stock Threshold Alerts:** Configure minimum quantity alerts for essential supplies (e.g. alert when CDT vaccine drops below 10 doses).
- **Supplier Directory:** Maintain contact numbers, account identifiers, and order links for feed mills, veterinary clinics, and livestock equipment vendors.

15. Reports, PDF Exports & Lifetime Dossier

Generate professional livestock reports, sales documents, registry forms, and complete animal dossiers.

- **Goat Lifetime Dossier:** Generate a comprehensive, multi-page executive PDF report for any animal with a single tap. Compiles physical identifiers, 5-generation pedigree ancestry, complete health/vaccination timeline, lifetime weight & ADG performance curves, breeding history, progeny list, and ownership records. Ideal for private treaty sales, auctions, and veterinary audits.
- **Registry AcroForm PDF Autofill:** Pre-fill official livestock registry forms (Registration Applications, Transfers, Dual Registration, Fee Sheets, DNA Requests) in seconds from database records.
- **Herd Performance Criteria Reports:** Export summary reports evaluating herd ADG, FAMACHA[®] averages, kidding percentages, and buck performance rankings.
- **Windows Explorer & Native Sharing:** On Windows Desktop, generated PDFs and reports can be opened directly in Windows File Explorer or the default PDF reader with 1 tap. Mobile devices support standard OS sharing.

16. Voice Commands & Bluetooth RFID Scanning

Manage your herd hands-free using natural voice commands or wireless Bluetooth EID stick scanners.

Category	Common Spoken Example	Shortcuts / Alternates	Pronunciation Hints	How App Parses It
Compound	"Goat 123 had a FAMACHA [®] score of 2 and weighted 90 lbs"	tag 123 FAMACHA 2 weight 90	FAMACHA: FUH-MOTCH-UH Weight: WAYT	Logs FAMACHA 2 & Weight 90.0 lbs for Goat #123.
Kidding	"Goat SLS Doozie had twins, ear tagged them 1005 and 1006"	had twins, triplet birth, kidded	Twins: TWINZ	Matches dam, litter size 2. Creates newborn records.
Weight Logs	"Weighed SLS Doozie at 75.5 pounds"	weighed 75.5, weight 75.5	Weighed: WAYD	Identifies goat, extracts numeric weight, logs entry.
Vaccination	"Vaccinated SLS Doozie with CD and T 2 cc"	gave CD&T; shot of CDT 2cc	CD&T: CEE-DEE-A ND-TEE	Identifies health record. Normalizes to 'CD&T', logs dose.
Deworming	"Dewormed Huska with Ivermectin 1.5 ml"	gave Ivermectin dewormer 1.5ml	Ivermectin: I-VER-MEK-TEN	Logs deworming entry with med and dosage.

Bluetooth EID / RFID Stick Readers

KikoKeeper is compatible with all standard Bluetooth EID/RFID stick and handheld livestock scanners supporting HID (Keyboard Emulation) or SPP modes (Allflex RS420, LPR, AWR; Shearwell EID Stick Readers; Tru-Test SRS2, XRS2; Agrident; and standard 134.2 kHz FDX-B / HDX readers). Scan any animal's microchip or RFID ear tag at the chute to open its digital profile, log a weight, or record health treatments instantly.

17. Multi-Device Sync Engine & FAQs

KikoKeeper features an enterprise-grade SQLite offline-first database paired with automated Supabase cloud replication.

Q: How does multi-device cloud syncing work across phones and PC?

A: Once your device reconnects to Wi-Fi or cellular data, KikoKeeper automatically synchronizes all pending edits with your cloud database. Edits made on your phone automatically sync to your PC, and multiple family members or ranch hands can manage the herd simultaneously. You can also tap the Quick Sync button on the Home Screen header at any time.

Q: How does the Starter Herd Wizard help new breeders get up and running?

A: The Starter Herd Wizard guides you through entering your ranch details and gives you immediate access to our high-accuracy Pedigree AI OCR scanner. Scan registration certificates or DNA cards directly during onboarding to automatically create foundation animals and full 5-generation pedigree lineage in seconds.

Q: What is the Showcase Herd Test Drive?

A: The Showcase Herd is a sandboxed sample herd pre-populated with multi-generational pedigrees, breeding calendars, FAMACHA logs, and financial records. It lets you explore all features risk-free. When you're ready, tap 'Exit Showcase Herd' in the top banner or Settings to return to your live ranch records cleanly, with automatic database self-healing.

Q: How does the Shared Public Pedigree Registry work?

A: When viewing an animal with missing ancestry, KikoKeeper queries a public pedigree network to automatically discover parents and ancestors up to 5 generations deep (badged with a CLOUD chip). Breeders can import discovered ancestors to their local database with 1 tap. Only public breed registration identifiers are shared; personal ranch data, financials, and medical notes are never shared.

Q: How does the AI Genetics Lab calculate inbreeding risk?

A: The lab calculates Wright's and Karigl's kinship coefficient across all generational levels. Pairings below 6.25% are classified as Safe Outcrosses, 6.25% to 12.5% as Mild Linebreeding, and above 12.5% as Close Inbreeding.

Q: What does 'Simulate Purchase / Test Animal' do?

A: It allows you to simulate outside bucks or does (from auctions or private treaty) before buying. Enter ancestry or scan an auction catalog with the camera OCR scanner to test prospective crosses against your entire resident herd, projecting inbreeding risk and growth rates prior to spending money.

Q: Can I upload official registration forms from any livestock registry?

A: Yes! You can upload any official registry's blank application form as long as it is in PDF format (including ADGA, ABGA, AKGA, NKR, or custom ranch association forms).

Q: Which registry forms are supported out of the box?

A: KikoKeeper is an independent management platform compatible with forms from all major goat registries (such as NKR, ADGA, ABGA, AKGA, etc.). Standard registry forms (Registration Applications, Transfers, Dual Registration, Fee Sheets, DNA Requests) can be pre-filled automatically, and users can upload any custom association or ranch PDF form at any time.

Q: How far back do the Pedigree Trees go?

A: KikoKeeper displays a full 5 generations of interactive pedigree lineage (Target Goat + 30 Ancestors = 31 total animals), matching standard 5-generation breed registry certificates. On mobile devices, an intuitive accordion tree lets you expand Sire and Dam branches down through 5th-generation Great-Great-Grandparents, while desktop and tablet displays provide an interactive zoom-and-pan canvas.

Q: How does the 30-day free trial and subscription work?

A: Every new installation includes a 30-day full-access trial with no feature restrictions. Following the 30-day trial, an active subscription (\$14.99/mo or \$119.00/yr) is required to continue using the application. Subscriptions can be purchased via Microsoft Store (Windows), Apple App Store (iOS), or Google Play Store (Android) and unlock cross-platform access across all your devices under one login.

Q: Which platforms and operating systems are supported?

A: KikoKeeper is supported cross-platform on Windows PC (download standalone setup installer KikoKeeper-Setup.exe or install from the Microsoft Store), Apple iOS (Apple App Store), and Android (Google Play Store).

Q: Support & Contact

A: Visit kikokeeper.com or email support@kikokeeper.com.

KikoKeeper — Universal Herd Management Simplified.

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