

PREPARED BY:
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GENERAL MANAGER

04-SEP-26

LFCE Q1 MAY 1 – JULY 31, 26

Operations Report

UNIVERSITY OF SASKATCHEWAN
Livestock and Forage Centre of Excellence
LFCE.USASK.CA

Q1 OVERVIEW MAY 1 - JULY 31, 2026

- SUPPORTED A BROAD PORTFOLIO OF LIVESTOCK, FORAGE, CROP, ENVIRONMENTAL & TECHNOLOGY-BASED RESEARCH
- CONTINUED STRENGTHENING AGRICULTURAL PRODUCTION, LIVESTOCK MANAGEMENT, OPERATIONAL SYSTEMS & COST-RECOVERY PRACTICES
- POSITIVE FEEDBACK RECEIVED REGARDING RESEARCH COORDINATION & SERVICE DELIVERY, WITH ADDITIONAL RESEARCH, TEACHING & INDUSTRY ENGAGEMENT ANTICIPATED IN Q2 & BEYOND
- BCRTU QUALITY CONTROL EMERGED AS THE HIGHEST OPERATIONAL PRIORITY WITH FOCUS ON FEED-DEPARTMENT CONTROLS, FEED & BATCH REPORTING, FEEDING CONSISTENCY & DATA INTEGRITY
- RECRUITMENT & TRAINING REMAIN PRIORITIES TO STRENGTHEN ANIMAL-HEALTH & WELFARE COVERAGE
- KEY OPERATIONAL PRESSURES INCLUDED AGING EQUIPMENT, LABOUR-MARKET COMPETITION, CATTLE-MARKET VOLATILITY, GOPHER DAMAGE & WEATHER IMPACTS

Q1 BY THE NUMBERS

1,946 ACRES SEEDED - 1335 ACRES CANOLA | 419 ACRES GRAZING | 150 ACRES HAY | 42 ACRES OATS

1,255 BOVINE - FEEDERS | COWS & CALVES | BULLS | METABOLISM BARN | CULLS

208 BISON - FEEDERS | COWS & CALVES | REPLACEMENT HEIFERS | BULLS

SUMMARY

UNIVERSITY OF SASKATCHEWAN
Livestock and Forage Centre of Excellence
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RESEARCH ACTIVITIES – 30+ ACTIVE RESEARCH, TEACHING & RELATED ACTIVITIES SUPPORTED DURING Q1

BEEF CATTLE | NUTRITION | PRODUCTION

- LEPTIN GENOTYPE & VITAMIN D SUPPLEMENTATION IN FINISHING CATTLE
- NEONATAL CALF PRIME & BOOST VACCINE PROGRAMS
- DIVERGENT FIBRE DIGESTION EFFICIENCY — GROWSAFE
- CALCIUM HYDROXIDE TREATMENT OF CANOLA STRAW & OILSEED SCREENINGS
- SOYBEAN ISOFLAVONES & ERGOT ALKALOID RESPONSE
- EXPERIOR CULL COW FEEDING TRIAL
- IMPLANT DOSE & LUBABEGRON FUMARATE SUPPLEMENTATION
- SAPONIN / MICRO-AID DRINKING WATER GRAZING TRIAL
- HEIFER DEVELOPMENT — LAKELAND COLLEGE CANADA
- INTEGRATION OF BEEF CATTLE ON ANNUAL CROPLAND / SWATH GRAZING

REPRODUCTION | GENOMICS | TECHNOLOGY

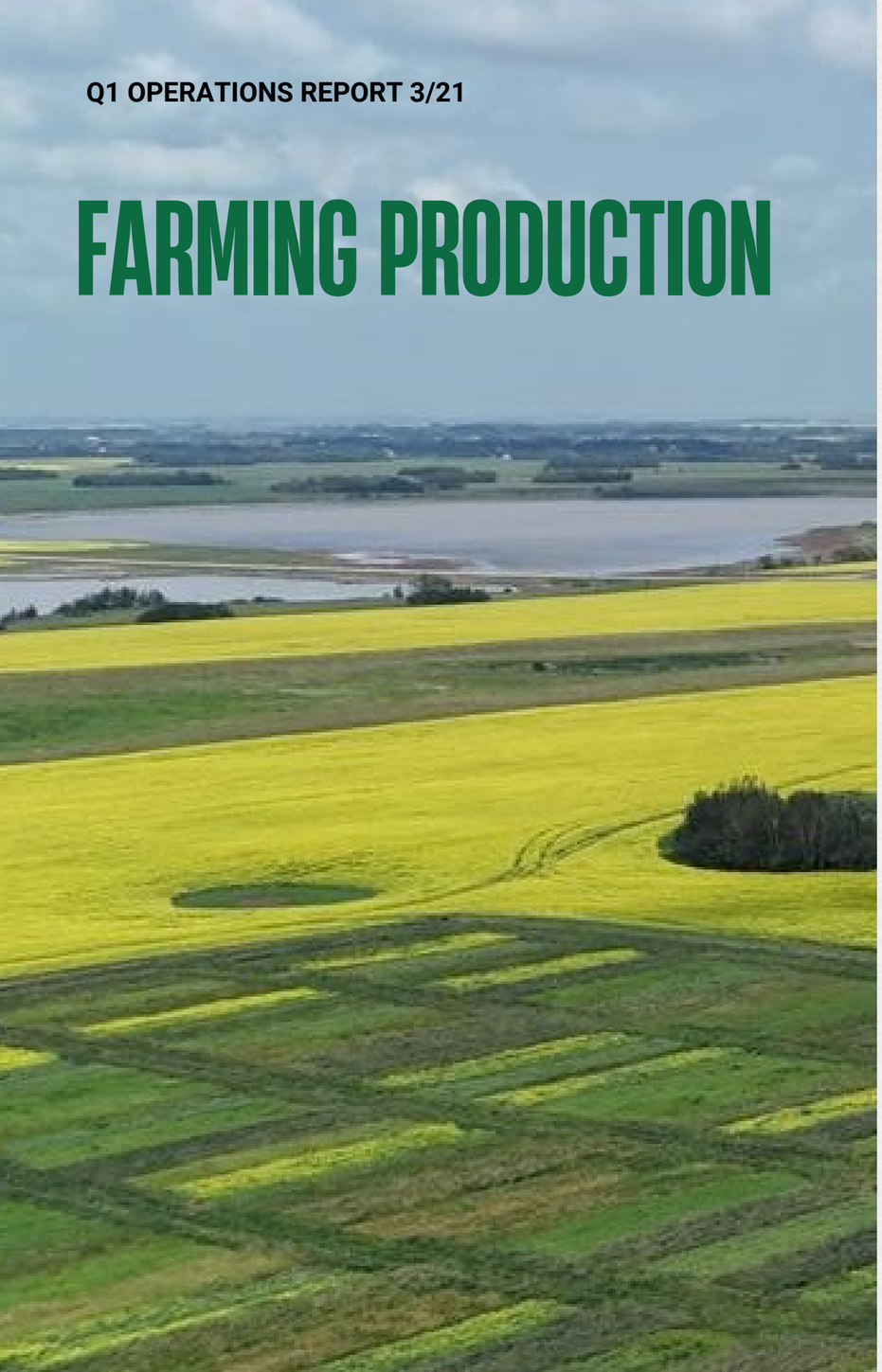
- CETRORELIX-INDUCED LH SUPPRESSION & GNRH CHALLENGE
- BOVINE OOCYTE COMPETENCE — FOLLICULAR & MATERNAL AGING
- GENOMIC ASSOCIATION ANALYSIS OF FORAGE EFFICIENCY IN BEEF COWS
- IMAGING & SENSOR TECHNOLOGIES FOR NOVEL BEEF PHENOTYPES & SUSTAINABILITY
- MOOCALL-HEAT DETECTION VS. ESTROTECT PATCHES
- 2D IMAGE-BASED AUTONOMOUS CATTLE WEIGHT ESTIMATION
- GERMPLASM BIOBANK FOR NORTH AMERICAN BISON & CATTLE
- BOVINE ULTRASOUND & EMBRYO TRANSFER WORKSHOP
- CATTLE HANDLING & REPRODUCTIVE TECHNIQUES TRAINING
- WCVM STUDENT CALVING ROTATION

BISON | ENVIRONMENT | FIELD RESEARCH

- BISON PALATABILITY & ORAL VACCINE BAIT STATION RESEARCH
- BISON INTEGRATED GENOMICS PROJECT
- BISON NET-ENERGY STUDY — SDSU
- BISON ROTATIONAL VS. CONTINUOUS GRAZING STUDY
- ENVIRONMENTAL SURFACE COATING / AIR QUALITY PROJECT
- FIELD WEATHER-STATION RESEARCH
- S7 SITE ENGINEERING PROJECT
- HONEY BEE ACTIVITIES
- HOUSE SPARROW ACTIVITIES
- ADDITIONAL CROP SCIENCES RESEARCH ACTIVITIES

Q1 OPERATIONS REPORT 3/21

FARMING PRODUCTION



PRODUCTION NOTABLES

• ALL 1,946 PLANNED CROP & FORAGE ACRES WERE SUCCESSFULLY SEEDED DESPITE A COMPRESSED SPRING PLANNING PERIOD, RAINFALL & CONTRACTOR SCHEDULING CONSTRAINTS

• AGRONOMIC OVERSIGHT INCLUDED SOIL TESTING, FERTILITY PLANNING, CROP SCOUTING, EMERGENCE ASSESSMENTS, WEED MONITORING & INSECT MONITORING

• EARLY-SEASON CANOLA ESTABLISHMENT WAS CONSIDERED GOOD TO EXCELLENT ACROSS THE MAJORITY OF ACRES

• ONE PLANNED FORAGE FIELD WAS SHIFTED TO CANOLA AFTER SOIL TESTING IDENTIFIED EXCEPTIONALLY HIGH RESIDUAL NITROGEN, ALLOWING LFCE TO BETTER UTILIZE EXISTING FERTILITY & REDUCE POTENTIAL NUTRIENT LOSS

• GOPHER ACTIVITY WAS THE MOST SIGNIFICANT EARLY-SEASON AGRONOMIC CONCERN CAUSING LOCALIZED CROP & GRAZING-LAND DAMAGE & RESULTING IN AN INSURANCE CLAIM

• GRAZING CAPACITY WAS EXPANDED WHILE HAY & SILAGE PRODUCTION CONTINUED ACROSS LFCE LANDS

Full Spring Farm Report Available Here



Q1 PRODUCTION FOCUS

STRATEGIC LAND USE | AGRONOMIC MONITORING | FORAGE EXPANSION | CROP PRODUCTION | RISK MANAGEMENT



LAND & GRAZING

Q1 OPERATIONS REPORT 4/21

PASTURE DEVELOPMENT & GRAZING OPERATIONS

- GRAZING PRESSURE & CATTLE MOVEMENTS WERE ADJUSTED AS FORAGE CONDITIONS & RESEARCH REQUIREMENTS CHANGED
- ROTATIONAL & STRIP-GRAZING STRATEGIES WERE USED WHERE APPROPRIATE TO EXTEND FORAGE AVAILABILITY & SUPPORT FIELD RECOVERY
- REPLACEMENT HEIFERS WERE SUCCESSFULLY TRAINED TO A TWO-WIRE ELECTRIC-FENCE SYSTEM
- PASTURE OVERSIGHT INCLUDED WATER SUPPLIES, FENCING, MINERAL SUPPLEMENTATION, FLY CONTROL & LIVESTOCK DISTRIBUTION
- 90 COW-CALF PAIRS WERE MOVED TO PATHLOW WITH WEEKLY LFCE OVERSIGHT OF CATTLE, BREEDING ACTIVITY, PASTURE CONDITIONS, WATER SUPPLIES & ANIMAL WELFARE
- ITALIAN RYEGRASS WAS USED AS A COVER CROP ON NEWLY SEEDED GRAZING ACRES TO PROVIDE EARLY-SEASON FORAGE WHILE SUPPORTING PERENNIAL STAND ESTABLISHMENT
- DISCUSSIONS BEGAN WITH PRAIRIE SWINE CENTRE REGARDING POTENTIAL MANURE-MANAGEMENT OPPORTUNITIES FOR GOODALE & NHC LANDS
- WEED MONITORING CONTINUED AT LFCE & PATHLOW ALONG WITH ONGOING DUTCH ELM DISEASE INSPECTIONS
- LIMITED GRAZING OPTIONS NEAR HANDLING FACILITIES REMAINED A KEY STRESS POINT LEADING TO THE ESTABLISHMENT OF 419 ACRES OF STRATEGICALLY LOCATED NEW GRAZING LAND
- ABOVE-GROUND WATER SYSTEMS CONTINUED TO REQUIRE REGULAR MAINTENANCE WITH PERMANENT WATER-SOURCE OPTIONS UNDER DISCUSSION

Q1 GRAZING FOCUS

FORAGE UTILIZATION | RESEARCH SUPPORT | WATER & FENCING | PASTURE DEVELOPMENT | LAND STEWARDSHIP



HAYING

HAY BY THE NUMBERS

2,196 ROUND BALES | 260 BALES FROM SECTION 8 | 154 SECOND-CUT SMALL SQUARES | JUST OVER 2 BALES/ACRE

FORAGE HARVEST & QUALITY MANAGEMENT

• HAY PRODUCTION WAS SUBSTANTIALLY COMPLETE BY REPORT PREPARATION, WITH BALE HAULING REMAINING ACROSS LFCE & LEASE LANDS

• A TOTAL OF 2,196 ROUND BALES WERE PRODUCED, AVERAGING JUST OVER 2 BALES PER ACRE

• SECTION 8 WAS HARVESTED FOR HAY FOR THE FIRST TIME PRODUCING 260 ROUND BALES

• ADDITIONAL PRODUCTION INCLUDED 17 SECOND-CUT ROUND BALES, 7 ROUND BALES OF GREENFEED & 154 SECOND-CUT SMALL SQUARE HAY BALES

• STANDARDIZED PROCEDURES FOR BALE-MOISTURE TESTING & GEM DUST PRESERVATIVE APPLICATION WAS INCORPORATED INCLUDING MOISTURE THRESHOLDS, APPLICATOR CALIBRATION, RECORD-KEEPING & RETESTING REQUIREMENTS

• EMPHASIS REMAINED ON PRODUCING QUALITY HAY & ENSURING PROPER STORAGE



SILAGE

FEED SUPPLY & STORAGE

- A TOTAL OF 3,571MT OF SILAGE WAS SECURED FOR LFCE OPERATIONS
- 2,691MT WAS SUPPLIED FROM MCKERCHER LANDS TO BCRTU
- 680MT WAS SUPPLIED FROM LFCE LANDS TO BCRTU
- 200MT WAS SUPPLIED FROM LFCE LANDS TO GOODALE
- AN ISSUE OCCURRED WHEN PLASTIC BLEW OFF ONE OF THE OLDER SILAGE PITS & COULD NOT BE REPLACED BEFORE THE EXPOSED OUTER LAYER DETERIORATED, THE AFFECTED SILAGE WAS ASSESSED & SINCE DESIGNATED FOR THIRD-TRIMESTER COW FEEDING RATHER THAN RESEARCH-SENSITIVE FEEDING PROGRAMS
- TO REDUCE FUTURE RISK, A LOAD OF HALF TIRES WAS BROUGHT IN & ALL SILAGE PITS WERE COVERED MORE EXTENSIVELY

SILAGE BY THE NUMBERS
3,571 MT TOTAL | 2,691 MT MCKERCHER → BCRTU | 680 MT LFCE → BCRTU | 200 MT LFCE → GOODALE



LIVESTOCK INVENTORY

1,255 BOVINE | 208 BISON | 1,463 TOTAL HEAD

BREEDING FEMALES & CALVES

- 43 BRED COMMERCIAL 2025-BORN BOVINE HEIFERS
- 29 BRED PUREBRED 2025-BORN BOVINE HEIFERS
- 2 OPEN REPLACEMENT PUREBRED BOVINE HEIFERS
- 71 BRED COMMERCIAL 2024-BORN BOVINE FEMALES + 71 CALVES AT FOOT
- 58 BRED COMMERCIAL AGED BOVINE COWS — GOODALE + 58 CALVES AT FOOT
- 90 BRED COMMERCIAL AGED BOVINE COWS — PATHLOW + 90 CALVES AT FOOT
- 69 BRED COMMERCIAL AGED BOVINE COWS + 69 CALVES AT FOOT
- 32 PLAINS BISON COWS — 29 WITH CALVES AT FOOT
- 49 WOOD BISON COWS — 24 WITH CALVES AT FOOT
- 29 REPLACEMENT BISON HEIFERS

BULLS, CULLS & RESEARCH CATTLE

- 11 BREEDING BOVINE BULLS
- 13 BREEDING & YOUNG BISON BULLS
- 30 BOVINE CULLS IN RESEARCH PROJECT
- 49 OPEN 2025-BORN HEIFERS IN THE METABOLISM BARN

FEEDER BISON & CATTLE

- 109 BOVINE FEEDER STEERS
- 406 BOVINE FEEDER HEIFERS
- 32 BISON FEEDER BULLS



COW-CALF, BREEDING & HERD MANAGEMENT

• OPERATIONS FOCUSED ON CALVING COMPLETION, BREEDING, PASTURE TRANSITION, HERD HEALTH & SUPPORT FOR ACTIVE & UPCOMING RESEARCH

• GOODALE CONTINUED MANAGEMENT OF THE 2025 REPLACEMENT-HEIFER PROGRAM TO ACCOMMODATE AI RESEARCH REQUIREMENTS & NATURAL-SERVICE CLEANUP

• TO IMPROVE REPRODUCTIVE EFFICIENCY & TIGHTEN THE FUTURE CALVING WINDOW, 28 LATE-BRED FIRST-CALF HEIFERS & TAIL-END CALVING COWS WERE MARKETED

• BULL EXPOSURE WAS LIMITED DURING THE 2026 BREEDING SEASON TO SUPPORT A MORE CONCENTRATED CALVING PERIOD

• 142 FEMALES WERE SYNCHRONIZED & ARTIFICIALLY INSEMINATED — 71 REPLACEMENT HEIFERS & 71 MATURE COWS

• ADDITIONAL REPRODUCTIVE WORK INCLUDED BREEDING-SOUNDNESS TESTING, SEMEN MANAGEMENT, PREGNANCY CHECKING & CLEANUP-BULL PLACEMENT

• KEY OPERATIONAL CHALLENGES INCLUDED ABOVE-GROUND WATER SYSTEMS, AN AGING COW HERD WITH POOR UDDER STRUCTURE IN SOME ANIMALS, LIMITED GRAZING NEAR RESEARCH HANDLING FACILITIES & RECRUITMENT OF QUALIFIED STAFF - • THESE RISKS CONTINUED TO BE MANAGED THROUGH MAINTENANCE, CULLING DECISIONS, GRAZING PLANNING, RECRUITMENT & OPERATIONAL PRIORITIZATION

BREEDING BY THE NUMBERS

142 FEMALES AI’D | 71 REPLACEMENT HEIFERS | 71 MATURE COWS | 28 LATE-BRED FEMALES MARKETED

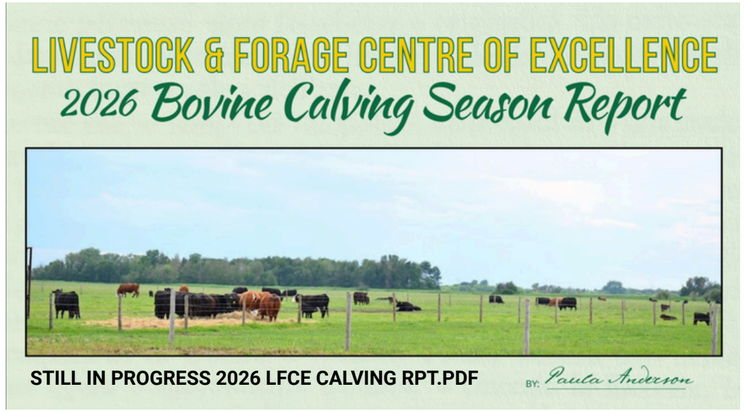
2026 BOVINE CALVING SEASON AT A GLANCE

& by the numbers

CALVING PROGRAM FOCUS

- 24-HOUR MONITORING DURING THE CALVING PERIOD
- EARLY INTERVENTION WHERE REQUIRED
- COLOSTRUM MANAGEMENT
- COMFORTABLE HOUSING & LOW-STRESS HANDLING
- EVIDENCE-BASED HEALTH PROTOCOLS
- EMPLOYEE TRAINING, SAFE FACILITIES & EQUIPMENT

The calving report is not quite finished yet but it is available here



CALVING RESULTS

- 346 FEMALES EXPOSED
- 310 CALVES BORN
- 11 CALF DEATHS
- 159 HEIFER CALVES
- 151 STEER CALVES

CALVING ASSISTANCE

- 288 UNASSISTED BIRTHS – 93%
- 13 EASY PULLS
- 9 HARD PULLS

BOVINE FEEDLOT OPERATIONS

OPERATIONS & RESEARCH SUPPORT

- BCRTU REMAINED ACTIVE IN SUPPORT OF ONGOING RESEARCH & LFCE FEEDER CATTLE
- ACTIVE PROGRAMS UTILIZED CONVENTIONAL PENS, GROWSAFE SYSTEMS & SPECIALIZED RESEARCH PEN INFRASTRUCTURE
- OPERATIONS INCLUDED FEEDING, DIETARY MANAGEMENT, CATTLE ALLOCATION, ANIMAL HEALTH, WEIGHING, RESEARCH HANDLING, DATA COLLECTION & RESEARCHER COORDINATION
- FINISHED FEEDER STEERS WERE MARKETED TO CARGILL
- OPERATIONAL COORDINATION CONTINUED TO EVOLVE, WITH INCREASED EMPHASIS ON SEPARATING DAY-TO-DAY OPERATIONS FROM TECHNICAL RESEARCH RESPONSIBILITIES

QUALITY CONTROL PRIORITIES

- STRENGTHEN FEED-DEPARTMENT CONTROLS
- IMPROVE FEED & BATCH REPORTING
- INCREASE CONSISTENCY IN FEED DELIVERY, ANIMAL HEALTH MANAGEMENT & RESEARCH-PROTOCOL EXECUTION
- STRENGTHEN DOCUMENTATION & DATA INTEGRITY
- EXPAND EMPLOYEE TRAINING
- BUILD QUALIFIED ANIMAL-HEALTH & WELFARE CAPACITY

Q2 FOCUS

QUALITY CONTROL | REPORTING | TRAINING | DATA INTEGRITY | OPERATIONAL CONSISTENCY | ANIMAL-HEALTH CAPACITY

METABOLISM BARN

- A TWO-PHASE RESEARCH TRIAL IS UNDERWAY
- THE TRIAL IS UTILIZING LFCE-PRODUCED, 2025-BORN OPEN HEIFERS
- THE METABOLISM BARN ALSO REQUIRED ADDITIONAL OPERATIONAL ATTENTION FOLLOWING A WATER-LINE FLOODING INCIDENT



BISON OPERATIONS

- BISON OPERATIONS REMAINED ACTIVE THROUGHOUT THE QUARTER ACROSS NHC & GOODALE
- FEEDER BISON CONTINUE TO PERFORM WELL
- MULTIPLE RESEARCH, BREEDING & HERD-MANAGEMENT ACTIVITIES WERE UNDERWAY
- OPERATIONS SUPPORTED BOTH PLAINS & WOOD BISON HERDS, REPLACEMENT ANIMALS, BREEDING STOCK & FEEDER BISON
- RESEARCH ACTIVITY INCLUDED BREEDING, NUTRITION, GRAZING, GENOMICS, VACCINE/PALATABILITY - INITIATIVES ALREADY HIGHLIGHTED IN THE RESEARCH ACTIVITIES SECTION

Q1 BISON FOCUS

RESEARCH SUPPORT | BREEDING | HERD MANAGEMENT | FEEDER PERFORMANCE



CROP SCIENCES

- AN ENTRANCE APPROACH WAS INSTALLED AT THE CROP SCIENCES FIELD SITE
- DUST CONTROL WAS COMPLETED ON THE ACCESS ROAD
- BORDERING CROPLAND WAS CONVERTED TO HAY PRODUCTION TO REDUCE SPRAY REQUIREMENTS & HELP AVOID POTENTIAL CROSS-CONTAMINATION

Q1 SITE FOCUS
ACCESS IMPROVEMENTS | DUST CONTROL | CROSS-CONTAMINATION RISK REDUCTION | RESEARCH SUPPORT

Q2 SITE FOCUS
MORE STRUCTURED ENGAGEMENT WITH CROP SCIENCES BEFORE THE END OF THE FIELD SEASON | IMPROVED COORDINATION OF SITE NEEDS | PLANNING FOR FUTURE FIELD ACTIVITY

TEACHING, TOURS & ENGAGEMENT

- WEEKLY STUDENT TOURS WERE CONDUCTED DURING JUNE & JULY
- LFCE PROVIDED ACCESS TO ANIMALS, FACILITIES & AGRICULTURAL PRODUCTION SYSTEMS FOR TEACHING & LEARNING
- THE CALVING PROGRAM SUPPORTED VETERINARY TEACHING & STUDENT-LEARNING OPPORTUNITIES WHILE MAINTAINING ANIMAL-CARE, SAFETY & OPERATIONAL REQUIREMENTS
- OUTREACH & RESEARCH-ENGAGEMENT ACTIVITIES SHOWCASED LFCE LIVESTOCK, FACILITIES, RESEARCH CAPACITY & PRODUCTION SYSTEMS TO INTERNAL & EXTERNAL STAKEHOLDERS

Q1 SUPPORT FOCUS
RESEARCH ACCESS | TEACHING | STUDENT LEARNING | SITE IMPROVEMENTS | OUTREACH & ENGAGEMENT

LABORATORY OPERATIONS

Q1 EQUIPMENT, SAFETY & PROCESS IMPROVEMENT

EQUIPMENT & SAFETY

- TWO FREEZER FAILURES REQUIRED IMMEDIATE RESPONSE & PROMPTED REVIEW OF EQUIPMENT STABILITY & RELIABILITY
- TWO INCIDENTS INVOLVING FREEZER UNITS FALLING LED TO ADDITIONAL REVIEW OF EQUIPMENT PLACEMENT, CONDITION & SAFETY
- THE EXISTING LABORATORY GRINDER WAS IDENTIFIED AS NEEDING REPLACEMENT WITH REPLACEMENT OPTIONS & PRICING BEING EXPLORED
- EQUIPMENT CONDITION, STABILITY & SERVICE REQUIREMENTS RECEIVED INCREASED ATTENTION DURING THE QUARTER

SYSTEMS & QUALITY CONTROL

- WORK BEGAN TO STRENGTHEN LABORATORY LOGGING, SCHEDULING & INVOICING
- FOCUS REMAINED ON IMPROVING DOCUMENTATION, CONSISTENCY & COST RECOVERY
- LABORATORY SOPS & TRAINING REQUIREMENTS WERE REVIEWED TO ENSURE PROCEDURES ARE CURRENT, CLEARLY DOCUMENTED & CONSISTENTLY UNDERSTOOD

Q2 LAB PRIORITIES

REPLACE GRINDER | IMPROVE EQUIPMENT RELIABILITY | STRENGTHEN SOPS & TRAINING | IMPROVE LOGGING, SCHEDULING & INVOICING | SUPPORT CONSISTENT COST RECOVERY

EQUIPMENT & FLEET

Q1 PURCHASES, MAINTENANCE & FLEET PLANNING

EQUIPMENT PURCHASES

- TWO NEW 4-SEASON ATVS
- TWO CATTLE OILERS
- NEW HOLLAND DISCBINE TRACTOR UNIT WITH ADDITIONAL SWATHER HEADER
- HAY FLUFFER
- MATERNITY PEN
- CALVING CART
- PORTABLE LIGHT PLANT

MAINTENANCE & FLEET MANAGEMENT

- AGING & INCREASINGLY UNRELIABLE EQUIPMENT CONTINUED TO CREATE MAINTENANCE PRESSURE, DOWNTIME & OPERATIONAL DISRUPTION
- SERVICE & MAINTENANCE REPORTING WAS IMPROVED THROUGH DIGITAL FORMS
- USABLE EQUIPMENT WAS MOVED FROM TERMUENDAE TO LFCE
- AN EQUIPMENT-LEASE INITIATIVE WAS PROPOSED TO SUPPORT A MORE STRATEGIC APPROACH TO FLEET MANAGEMENT
- EQUIPMENT REQUIREMENTS, UTILIZATION, REPLACEMENT PRIORITIES & LEASE OPTIONS ARE BEING REVIEWED TO IMPROVE RELIABILITY, COST PREDICTABILITY, MAINTENANCE PLANNING & LONG-TERM CAPITAL MANAGEMENT

Q2 EQUIPMENT FOCUS

REPLACEMENT PRIORITIES | LEASE PLANNING | RELIABILITY | PREVENTIVE MAINTENANCE | UTILIZING DIGITAL SERVICE RECORDS

FACILITIES, INFRASTUCTURE & CONSTRUCTION

Q1 SITE IMPROVEMENTS & CAPITAL WORK

CONSTRUCTION & FACILITY WORK

- CONSTRUCTION OF THE REPROTECH BARN AT GOODALE REMAINS UNDERWAY
- FACILITY INSPECTIONS WERE COMPLETED, WITH IDENTIFIED MAINTENANCE, REPAIR & INFRASTRUCTURE NEEDS PRIORITIZED & ASSIGNED FOR FOLLOW-UP BASED ON RISK & URGENCY.
- WORK CONTINUED TOWARD RESOLUTION OF THE BCRTU LIGHT-POLE ISSUE
- ROUTINE MAINTENANCE, REPAIRS & SEASONAL PREPARATION CONTINUED ACROSS LFCE SITES
- UPCOMING RESEARCH REQUIREMENTS WERE ASSESSED TO ENSURE ADEQUATE SPACE, EQUIPMENT & OPERATIONAL CAPACITY

GROUND, DRAINAGE & FENCING

- GROUND-CONDITION ISSUES IDENTIFIED DURING CALVING WERE INCORPORATED INTO SUMMER PLANNING
- AREAS WERE IDENTIFIED FOR GROUND BUILD-UP, DRAINAGE IMPROVEMENTS & CULVERT INSTALLATION
- IMPROVEMENTS ARE INTENDED TO SUPPORT LIVESTOCK MOVEMENT, EMPLOYEE SAFETY & FUTURE CALVING OPERATIONS
- FENCING PROJECTS ACROSS FCCRTU & NHC REMAIN ONGOING
- CROP SCIENCES ACCESS IMPROVEMENTS INCLUDED THE NEW FIELD ENTRANCE APPROACH

Q2 INFRASTRUCTURE FOCUS

DRAINAGE | GROUND IMPROVEMENTS | FENCING | FACILITY REPAIRS | RESEARCH CAPACITY | REPROTECH BARN PROGRESS

EQUIPMENT, FACILITY & OPERATIONAL SAFETY

Q1 SAFETY REVIEW & CORRECTIVE ACTION

SAFETY & INCIDENT RESPONSE

- OCCUPATIONAL HEALTH & SAFETY REMAINED A KEY OPERATIONAL PRIORITY THROUGHOUT THE QUARTER
- DAILY MORNING TOOLBOX MEETINGS WERE IMPLEMENTED IN Q1 TO IMPROVE COMMUNICATION, WORK PLANNING, TASK ASSIGNMENT, SAFETY AWARENESS & COORDINATION
- AN OHS MEETING WAS HELD WITH CONTINUED REVIEW OF FACILITY, EQUIPMENT & LIVESTOCK-HANDLING PRACTICES
- FOLLOWING A SERIOUS LIVESTOCK-HANDLING INCIDENT, AN IMMEDIATE REVIEW WAS COMPLETED & CORRECTIVE ACTIONS WERE IMPLEMENTED
- INCREASED EMPHASIS WAS PLACED ON TRAINING, COMMUNICATION, EQUIPMENT OPERATION, EMPLOYEE & STUDENT SAFETY & RISK REDUCTION

FACILITY & EQUIPMENT SAFETY

- CALVING IDENTIFIED FACILITY & GROUND-CONDITION & SIGHT LINE IMPROVEMENTS NEEDED TO SUPPORT SAFE LIVESTOCK MOVEMENT & WORKING CONDITIONS - IMMEDIATE MITIGATION INCLUDED A PORTABLE INDUSTRIAL LIGHT UNIT, SHAVINGS IN MUDDY AREAS & SALT ON ICY SURFACES
- TWO INCIDENTS INVOLVING FREEZER UNIT ICE BUILD UP PROMPTED REVIEW OF LABORATORY EQUIPMENT STABILITY, PLACEMENT & CONDITION
- ONE HYDRAULIC CHUTE AT GOODALE WAS IDENTIFIED AS NEEDING REPLACEMENT
- A WATER-LINE FLOODING INCIDENT IN THE MET BARN AT BCRTU HIGHLIGHTED DRAINAGE DEFICIENCIES & CONTRIBUTED TO SEVERAL ELECTRICAL ISSUES

Q2 SAFETY FOCUS

TRAINING | TOOLBOX MEETINGS | CORRECTIVE ACTIONS | EQUIPMENT REPLACEMENT | DRAINAGE | SAFE LIVESTOCK HANDLING

HUMAN RESOURCES & ORGANIZATIONAL DEVELOPMENT

Q1 STAFFING, STRUCTURE & WORKFORCE COORDINATION

STAFFING & ORGANIZATIONAL CHANGE

- THE QUARTER INCLUDED SIGNIFICANT STAFFING & ORGANIZATIONAL CHANGE
- TWO EMPLOYEE RESIGNATIONS OCCURRED INCLUDING THE HEAD OF OPERATIONS - RESPONSIBILITIES, COVERAGE & REPORTING RELATIONSHIPS WERE REVIEWED TO MAINTAIN OPERATIONAL CONTINUITY
- RECRUITING & RETAINING QUALIFIED AGRICULTURAL EMPLOYEES REMAIN DIFFICULT DUE TO COMPETITION FROM HIGHER-PAYING REGIONAL INDUSTRIES
- PARTICULAR PRESSURE EXISTS AROUND FINDING EMPLOYEES WITH LIVESTOCK, ANIMAL-HEALTH & AGRICULTURAL OPERATIONS EXPERIENCE

WORKFORCE COORDINATION

- REVIEW OF LFCE’S ORGANIZATIONAL STRUCTURE & POSITION RESPONSIBILITIES CONTINUED
- PARTICULAR ATTENTION WAS PLACED ON CLARIFYING OPERATIONAL, TECHNICAL & RESEARCH-SUPPORT FUNCTIONS
- OPERATIONAL COORDINATION BETWEEN FCCRTU & BCRTU WAS FURTHER ALIGNED IN JUNE BY COMBINING THE WORKFORCE
- STAFF SCHEDULING, ROLE CLARITY, CROSS-COVERAGE, STUDENT EMPLOYMENT, TRAINING & SUPERVISION REMAINED PRIORITIES THROUGHOUT THE BUSY SUMMER PERIOD

Q1 WORKFORCE FOCUS

CONTINUITY | RECRUITMENT | ROLE CLARITY | CROSS-COVERAGE | TRAINING | ORGANIZATIONAL ALIGNMENT

OPERATIONAL SYSTEMS & ADMINISTRATION

Q1 TRACKING, REPORTING & COST-RECOVERY IMPROVEMENTS

SYSTEMS & ADMINISTRATION

- ACTIVITY CODES WERE IMPLEMENTED TO IMPROVE TRACKING OF LFCE EXPENDITURES & PROVIDE GREATER VISIBILITY INTO DEPARTMENTAL OPERATING COSTS
- IRRIGATION CERTIFICATES WERE RECEIVED FOR DEVELOPMENT ON SECTION 5 & SECTION 8 LANDS
- EXPLORATION OF TICKETLAB CONTINUED AS A POTENTIAL TOOL TO IMPROVE ANIMAL TRACKING, OPERATIONAL COORDINATION & INVOICING
- EQUIPMENT SERVICE REPORTING & MAINTENANCE RECORDS WERE MOVED TO A DIGITAL FORMAT IMPROVING CONTINUITY, ACCESSIBILITY & REMINDER CAPABILITY
- LIVESTOCK DOCUMENTATION & DATA COLLECTION WERE STRENGTHENED THROUGH GREATER EMPHASIS ON COMPLETE HERD RECORDS, LIFETIME TRACEABILITY & CONSISTENT MANAGEMENT INFORMATION

RESEARCH SERVICE & COST RECOVERY

- DEVELOPMENT OF LFCE'S RESEARCH-SERVICE & USER-FEE STRUCTURE CONTINUES • FOCUS REMAINING ON CREATING A SYSTEM THAT IS TRANSPARENT, CONSISTENT, SUSTAINABLE & FAIR
- IMPROVED LABORATORY LOGGING, SCHEDULING, INVOICING & OPERATIONAL TRACKING ALSO SUPPORTED STRONGER COST RECOVERY & ACCOUNTABILITY

REPORTING & OVERSIGHT

- FORMAL OPERATIONAL INSIGHT IS BEING STRENGTHENED THROUGH THE DEVELOPMENT & DISTRIBUTION OF SEASONAL OPERATIONAL REPORTS

Q2 SYSTEMS FOCUS

ACTIVITY-CODE REPORTING | RESEARCH-SERVICE FEES | TICKETLAB REVIEW | DIGITAL MAINTENANCE RECORDS | LIVESTOCK TRACEABILITY | OPERATIONAL REPORTING

ANIMAL CARE & COMPLIANCE

Q1 WELFARE, REGULATORY & RESEARCH REQUIREMENTS

ANIMAL CARE & WELFARE

- ANIMAL WELFARE REMAINED INTEGRATED INTO LIVESTOCK, GRAZING, FEEDING, HANDLING, RESEARCH & FACILITY-MANAGEMENT DECISIONS
- THE CALVING PROGRAM EMPHASIZED EMPLOYEE TRAINING, 24-HOUR MONITORING, EARLY INTERVENTION, COLOSTRUM MANAGEMENT, COMFORTABLE HOUSING, AMPLE BEDDING, LOW-STRESS HANDLING, EVIDENCE-BASED HEALTH PROTOCOLS, SAFE FACILITIES & EQUIPMENT
- CATTLE-HANDLING CLINICS WERE OFFERED TO SUPPORT SAFE, LOW-STRESS LIVESTOCK HANDLING & REINFORCE ANIMAL-WELFARE EXPECTATIONS
- ANIMAL-CARE EXPECTATIONS CONTINUE TO BE INCORPORATED INTO DAILY LIVESTOCK MANAGEMENT & RESEARCH-SUPPORT ACTIVITIES WITH ANIMAL ENRICHMENT ALSO BEING CONSIDERED

COMPLIANCE & CERTIFICATION

- CFIA ACCREDITATION OF THE BISON FACILITY AS A DOMESTIC SEMEN CENTRE IS IN PROGRESS TO SUPPORT SEMEN COLLECTION & DISTRIBUTION FOR THE BISON GENOME BIOBANK
- HEALTH CANADA'S VETERINARY DRUGS DIRECTORATE ISSUED AN EXPERIMENTAL STUDIES CERTIFICATE AUTHORIZING THE USE OF CETRORELIX ACETATE IN THE CATTLE RESEARCH STUDY, SUBJECT TO REQUIRED HANDLING, REPORTING, FOOD-SAFETY & 45-DAY SLAUGHTER-WITHDRAWAL CONTROLS
- REQUIREMENTS SURROUNDING ANIMAL USE PROTOCOL APPROVAL & ACCEPTANCE OF RESEARCH ANIMALS INTO LFCE CARE WERE REVIEWED & RENEWED
- STAFF WERE EXPECTED TO REMAIN CURRENT ON REQUIRED TRAINING & ANIMAL-CARE PRACTICES

Q1 COMPLIANCE FOCUS

ANIMAL WELFARE | REGULATORY COMPLIANCE | VETERINARY OVERSIGHT | AUP ALIGNMENT | SAFE LIVESTOCK MANAGEMENT

Q2 & BEYOND KEY OPERATIONAL PRIORITIES

BCRTU & ANIMAL CARE

- STRENGTHEN QUALITY CONTROL, FEED & BATCH REPORTING, DOCUMENTATION & DATA INTEGRITY AT BCRTU
- BUILD QUALIFIED ANIMAL-HEALTH, WELFARE & NUTRITION CAPACITY
- CONTINUE CLARIFYING OPERATIONAL & TECHNICAL RESPONSIBILITIES
- WITH DR. JOHN MCKINNON'S RETIREMENT PLANNED FOR EARLY Q2, RECRUITMENT FOR NUTRITION EXPERTISE IS UNDERWAY

EQUIPMENT, LAB & INFRASTRUCTURE

- ADVANCE EQUIPMENT REPLACEMENT & LEASE PLANNING
- COMPLETE LABORATORY IMPROVEMENTS RELATED TO EQUIPMENT, SOPS, TRAINING, LOGGING, SCHEDULING & INVOICING
- CONTINUE PRIORITY FENCING, DRAINAGE, WATER-SYSTEM & INFRASTRUCTURE IMPROVEMENTS
- CONTINUE REVIEW OF LEASED HAY LANDS

RESEARCH, FINANCE & PRODUCTION

- SUPPORT UPCOMING RESEARCH PROJECTS, TEACHING ACTIVITIES & INDUSTRY ENGAGEMENT
- CONTINUE DEVELOPMENT OF TRANSPARENT, CONSISTENT & SUSTAINABLE RESEARCH-SERVICE FEES
- MONITOR CATTLE-MARKET VOLATILITY & MANAGE LIVESTOCK-MARKETING DECISIONS ACCORDINGLY
- PLANS ARE BEING DEVELOPED TO SUPPLY WCVM WITH SMALL-SQUARE HAY & STRAW BALES GOING FORWARD
- SUBJECT TO WEATHER - STRAW PRODUCTION IS EXPECTED TO PROVIDE APPROXIMATELY 1000 – 1500 ROUND BALES & 300 – 500 SMALL SQUARE BALES BOTH FOR LFCE OPERATIONAL USE & SALE TO WCVM

Q2 FOCUS

QUALITY CONTROL | RECRUITMENT | RESEARCH SUPPORT | EQUIPMENT & INFRASTRUCTURE | COST RECOVERY | FEED & FORAGE PLANNING

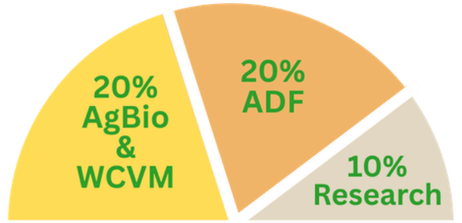
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FAST FACT

DO YOU KNOW WHERE OUR FUNDING COMES FROM?



LFCE FUNDING SOURCES



OUR PRODUCTION ENTERPRISE PROVIDES THE FOUNDATION THAT SUPPORTS PRACTICAL, APPLIED RESEARCH!