

Manitoba Agriculture

Agriculture Manitoba

Annual Report
Rapport Annuel

21|22

Manitoba 

Indigenous Land Acknowledgement

We recognize that Manitoba is on the Treaty Territories and ancestral lands of the Anishinaabeg, Anishinewuk, Dakota Oyate, Denesuline and Nehethowuk peoples.

We acknowledge Manitoba is located on the Homeland of the Red River Métis.

We acknowledge northern Manitoba includes lands that were and are the ancestral lands of the Inuit.

We respect the spirit and intent of Treaties and Treaty Making and remain committed to working in partnership with First Nations, Inuit and Métis people in the spirit of truth, reconciliation and collaboration.

Reconnaissance du territoire

Nous reconnaissons que le Manitoba se trouve sur les territoires visés par un traité et sur les terres ancestrales des peuples anishinaabeg, anishinewuk, dakota oyate, denesuline et nehethowuk.

Nous reconnaissons que le Manitoba se situe sur le territoire des Métis de la rivière Rouge.

Nous reconnaissons que le nord du Manitoba comprend des terres qui étaient et sont toujours les terres ancestrales des Inuits.

Nous respectons l'esprit et l'objectif des traités et de la conclusion de ces derniers. Nous restons déterminés à travailler en partenariat avec les Premières Nations, les Inuits et les Métis dans un esprit de vérité, de réconciliation et de collaboration.

Manitoba Agriculture

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This publication is available in alternate formats, upon request.

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**MINISTER
OF AGRICULTURE**

Room 165
Legislative Building
Winnipeg, Manitoba R3C 0V8
CANADA

Her Honour, the Honourable Janice Filmon, C. M., O. M.

Lieutenant-Governor of Manitoba

Room 235 Legislative Building

Winnipeg, MB R3C 0V8

May it Please Your Honour:

I have the privilege of presenting, for the information of Your Honor, the Annual Report of Manitoba Agriculture, for the fiscal year ending March 31, 2022.

Respectfully submitted,

Original Signed By

Honourable Derek Johnson

Minister of Agriculture





**MINISTER
OF AGRICULTURE**

Room 165
Legislative Building
Winnipeg, Manitoba R3C 0V8
CANADA

L'Honorable Janice C. Filmon, C.M., O.M.
Lieutenant-Gouverneure du Manitoba
Palais législatif, bureau 235
Winnipeg (Manitoba) R3C 0V8

Madame la Lieutenant-Gouverneure,

J'ai l'honneur de vous présenter, à titre d'information, le Rapport annuel du ministère de l'Agriculture du Manitoba pour l'exercice qui s'est terminé le 31 mars 2022.

Veuillez agréer, Madame la Lieutenant-Gouverneure, l'expression de mon profond respect.

Original signé par

Monsieur Derek Johnson
Ministre de l'Agriculture





Agriculture

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The Honourable Derek Johnson
Minister of Agriculture
Room 165 Legislative Building
Winnipeg, MB R3C 0V8

Sir:

I am pleased to present for your approval the 2021/22 Annual Report of the Department of Agriculture.

Respectfully submitted,

Original Signed By

Dori Gingera-Beauchemin
Deputy Minister of Agriculture



Monsieur Derek Johnson
Ministre des Agriculture
Palais législatif, bureau 165
Winnipeg (Manitoba) R3C 0V8

Monsieur le Ministre,

Je suis heureux de vous présenter le rapport annuel du ministère des Agriculture du Manitoba pour l'exercice financier 2021-2022.

Je vous prie d'agréer, Monsieur le Ministre, l'expression de mon profond respect.

Original signé par

Le sous-ministre des

Dori Gingera-Beauchemin



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Introduction

Overview to the Annual Report

This Annual Report is organized in accordance with department's appropriation structure as at March 31, 2022, which reflects the authorized appropriations approved by the Legislative Assembly.

Consistent with the Main Estimates Supplement, the annual report has been enhanced to include Balanced Scorecards to foster operational improvements by reinforcing transparency, urgency, alignment and accountability. As the balanced scorecards continue to be developed, reporting is included where available, with continued inclusion of previous Performance Reporting in the appendix to ensure transparency of results.

The Annual Report also for the first time reports on the department and its Other Reporting Entities (OREs) summary financial results, provides a more detailed breakdown on any changes to its voted budget, and also reports on the department's progress of achieving diversity milestones. The tradition of providing the financial results with any associated variance explanations continues to be provided at the sub-appropriation level. Overall, the new annual report is intended to provide a more comprehensive picture of the department's financial performance.

Aperçu du rapport annuel

Ce rapport annuel est présenté conformément à la structure des postes budgétaires du ministère au 31 mars 2022, qui tient compte des crédits autorisés approuvés par l'Assemblée législative.

En cohérence avec le budget complémentaire, le rapport annuel a été étoffé et comprend maintenant des tableaux de bord équilibrés qui favorisent l'amélioration sur le plan opérationnel en mettant l'accent sur la transparence, l'urgence, l'uniformité et la reddition de comptes. Alors que l'établissement des tableaux de bord équilibrés se poursuit, les renseignements sont fournis quand ils sont disponibles et des rapports antérieurs sur le rendement continuent d'être inclus en annexe pour assurer la transparence des résultats.

Par ailleurs, pour la première fois, le rapport annuel contient les résultats financiers sommaires du ministère et de ses autres entités comptables, fournit une ventilation plus détaillée des changements apportés au budget des crédits votés et rend compte des progrès du ministère en matière de diversité. On continue à fournir les résultats financiers accompagnés d'explications sur les écarts au niveau des postes secondaires. Dans l'ensemble, le nouveau rapport annuel vise à offrir un portrait plus global du rendement financier du ministère.

Department At a Glance – 2021/22 Results

Department Name & Description	Manitoba Agriculture is responsible for fostering the sustainable growth of Manitoba agriculture producers and agri-processors by providing innovative reliable supports and services. The department consists of three divisions; Corporate Services and Innovation, Industry Advancement and Agriculture Production and Resilience, and a Crown corporation, Manitoba Agricultural Services Corporation.
Minister	Honourable Derek Johnson
Deputy Minister	Dori Gingera-Beauchemin

Other Reporting Entities	1	Manitoba Agricultural Services Corporation
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Summary Expenditure (\$M)	
368	645
Restated Budget	Actual

Core Expenditure (\$M)		Core Staffing
186	164	391.50
Authority	Actual	Authority

Departmental Responsibilities

Manitoba Agriculture fosters the sustainable growth of Manitoba producers and agri-processors through innovative, reliable supports and services.

The overall responsibilities of the minister and Manitoba Agriculture include:

- Positioning Manitoba as the leading supplier of plant and animal-based protein and other agri-food products through the Manitoba Protein Advantage Strategy in collaboration with stakeholders to continue to attract investments, job creation and economic development in Manitoba.
- Continue to liaison with Manitoba Agricultural Services Corporation to modernize and elevate client experience through Agriculture Service Centres.
- Provide leadership to accelerate innovation and increase Manitoba's agri-food exports.
- Achieve service delivery goals with public engagement and collaboration with Indigenous peoples, to promote truth and reconciliation.
- Develop climate change strategies and investments that impact producers and processors.
- Administer and promote the Canadian Agricultural Partnership and Ag Action Manitoba activities and strategic investments.
- Finalize the federal-provincial-territorial Next Policy Framework agreement on agriculture, agri-food and agri-based products policy.
- Develop programs and risk management tools and products to support farmers and industry in making informed business decisions.
- Develop programs and products to manage risks, particularly those resulting from extreme events (e.g. excess or lack of moisture).
- Provide regulatory oversight and a framework to protect and advance human, animal, and plant health and welfare; and agriculture and agri-processing industries' competitiveness.
- Improve resiliency by providing science based expertise and diagnostics to protect and enhance human, animal and plant health and welfare.
- Enhance crown lands management.
- Advance agri-food industry development and food safety regulations for the production of safe food.
- Protect and promote sustainable management of the agroecosystem.
- Achieve priority outcomes and improve decision making through evidence based management, research and data analysis.
- Empower staff and strengthen leadership to maximize achievement.
- Transform services to offer increased value to clients.
- Operate under the authority of legislation listed in the appendix.

The Minister is also responsible for:

- Manitoba Agricultural Services Corporation

Responsabilités du ministère

Agriculture Manitoba favorise la croissance durable des producteurs et des entreprises de transformation de produits agricoles du Manitoba grâce à des mesures d'aide et à des services novateurs et fiables.

Les responsabilités globales du ministre et du ministère sont les suivantes :

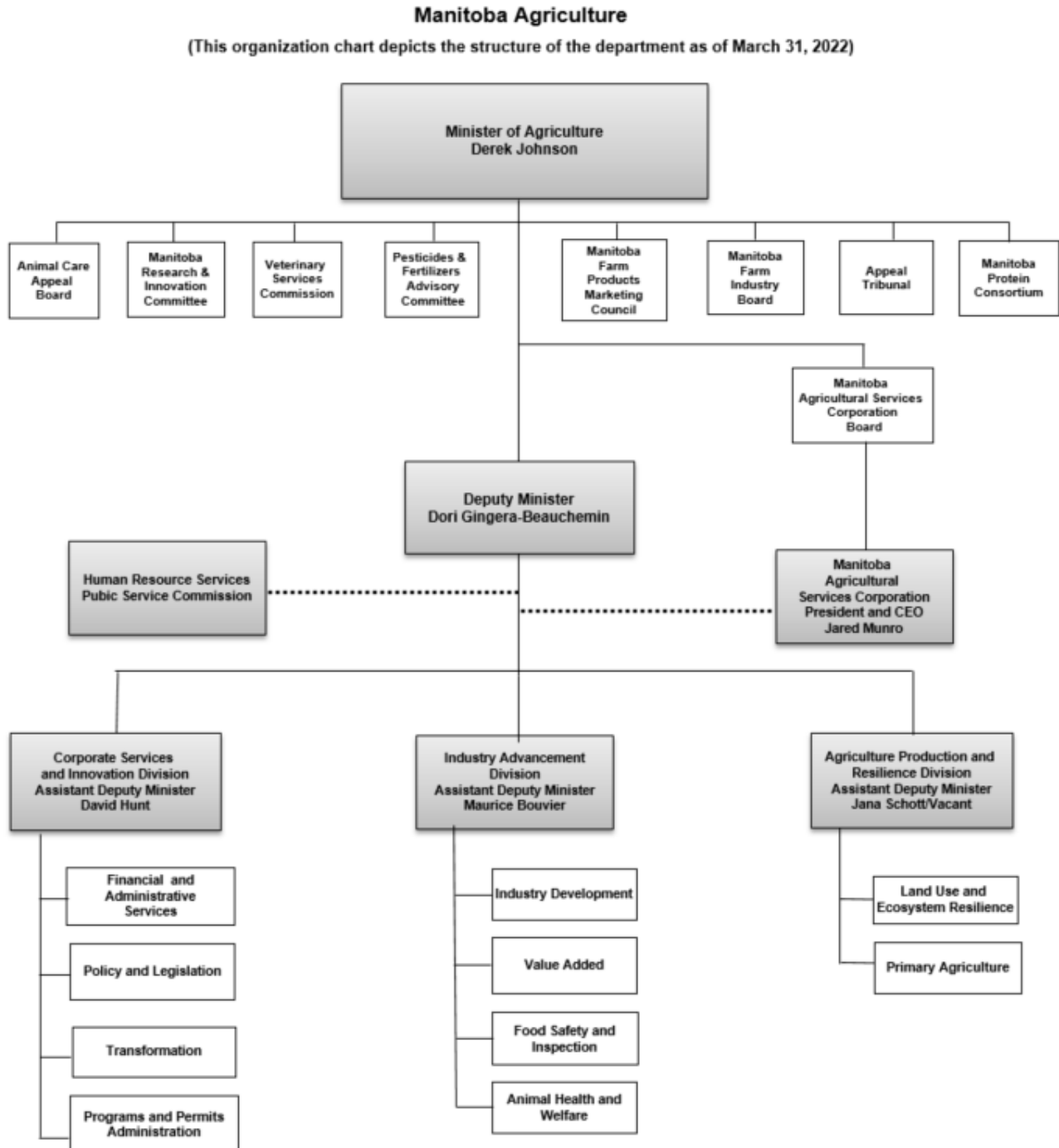
- faire du Manitoba l'un des principaux fournisseurs de protéines végétales et animales et d'autres produits agroalimentaires grâce à la Stratégie durable à l'égard des protéines du Manitoba en collaboration avec les intervenants, afin de continuer à attirer des investissements, à créer de l'emploi et à favoriser le développement économique au Manitoba;
- continuer à assurer la liaison avec la Société des services agricoles pour moderniser et enrichir l'expérience client aux centres des services agricoles;
- faire preuve de leadership pour stimuler l'innovation et accroître les exportations agroalimentaires du Manitoba;
- atteindre les objectifs de prestation de services au moyen de consultations publiques et en collaborant avec les peuples autochtones pour promouvoir la vérité et la réconciliation;
- élaborer des stratégies sur le changement climatique et effectuer des investissements qui influent sur les producteurs et les transformateurs;
- administrer et promouvoir les activités et les investissements stratégiques du Partenariat canadien pour l'agriculture et du programme Ag Action Manitoba;
- finaliser le prochain accord-cadre fédéral-provincial-territorial sur une politique agricole, agroalimentaire et des produits agro-industriels;
- créer des programmes, des outils de gestion du risque et des produits pour aider les agriculteurs et l'industrie à prendre des décisions d'affaires éclairées;
- créer des programmes et des produits pour gérer les risques, notamment ceux découlant de phénomènes extrêmes (p. ex., humidité insuffisante ou excessive);
- assurer une surveillance réglementaire et fournir un cadre pour protéger et promouvoir la santé et le bien-être des humains, des animaux et des plantes, ainsi que la compétitivité des industries de l'agriculture et de la transformation de produits agricoles;
- améliorer la résilience en fournissant une expertise et des diagnostics fondés sur la science pour protéger et promouvoir la santé et le bien-être des humains, des animaux et des plantes;
- améliorer la gestion des terres domaniales agricoles;
- promouvoir le développement de l'industrie agroalimentaire et la réglementation sur la salubrité alimentaire pour produire des aliments salubres;
- protéger et promouvoir la gestion durable de l'agroécosystème;
- atteindre les résultats prioritaires et améliorer la prise de décision grâce à une gestion, à une recherche et à une analyse des données fondées sur des données probantes;
- responsabiliser le personnel et renforcer le leadership pour maximiser les réalisations;
- transformer les services pour offrir une valeur accrue à la clientèle;
- mener les activités conformément aux dispositions de la législation figurant dans l'annexe.

Autres responsabilités du ministre :

- Société des services agricoles du Manitoba

Organizational Structure

Department of Agriculture as at March 31, 2022



2021/22 Key Achievement Highlights

During the fiscal year, the Department of Agriculture accomplished the following:

- Developed and administered the **2021 Canada-Manitoba AgriRecovery Drought Assistance** program for livestock producers. Provided timely and relevant assistance to producers through AgriRecovery drought programming to address the feed shortage for livestock, which continues into 2022/23.
- Developed and implemented the **Agricultural Crown Land (ACL) Forage Productivity (ACLFP)** Pilot program tailored to ACL leaseholders to improve pasture productivity to a maximum of \$30.0 per farm. Forty-three applicants received funding through CAP-Ag Action Manitoba, totalling \$733.0 covering 27,605 acres.
- Continued work under the **Manitoba Protein Advantage Strategy**
 - Developed **Project ASPIRE (Accelerating Sustainable Protein Impact REsults)** through the leadership of the Manitoba Protein Consortium in collaboration with industry protein organizations and businesses, and academia, with four round tables created.
 - Supported new job creation in the plant and animal protein industry, bringing the total investment since 2019 to \$824M, and 992 jobs created, or 55 and 64 per cent of goals respectively through 2025. Assisted 40 companies considering investing in Manitoba, resulting in confirmed investments.
 - Developed the **Sustainable Protein Research Strategy** under the leadership of Dr. Jim House of the University of Manitoba through consultations with protein industry stakeholders. The strategy presents priority research topics to support the Manitoba Protein Advantage.
 - Initiated a discussion with industry and academia to create a **Strategic Research Chair in Sustainable Protein** that will become a nexus for research collaboration and knowledge translation. The Chair will engage researchers, businesses and industry to advance strategic research priorities that will support investment for long-term economic growth and development of Manitoba's plant and animal protein sectors.
 - Held the **2022 Manitoba Protein Summit**. This virtual event brought together over 600 participants from 18 countries to connect, engage and develop partnerships.
- Supported the development of leadership, agricultural and life skills for young Manitobans through the **Manitoba 4-H Program**, providing Manitoba 4-H Council with a \$300.0 grant to support program delivery.
- Co-organized and co-hosted the virtual **Northern Soil Compaction Conference** with North Dakota State University and the University of Minnesota. This was the first North American conference dedicated solely to soil compaction issues, including how farmers can mitigate and manage this matter.
- Continued to provide initiatives to advance profitability, competitiveness and innovation in our agriculture and agriprocessing sector through the **Canadian Agricultural Partnership (CAP) – Ag Action Manitoba program**. Strategic investment of \$24.8M were approved for farmers, agriprocessors, industry organizations, researchers and industry service providers.
- Supported the assessment of business development projects under CAP-Ag Action Manitoba that resulted in \$9.2M in grants for 41 capital asset and equipment projects with a total project value of \$128.8M.
- Adopted the **"Guelph Statement"** that identifies national priorities in Agriculture for 2023/28 Federal Provincial and Territorial (FPT) **Next Agriculture Policy Framework**.
- Created the Programs and Permits Administration branch to lead a **client-centric approach** that ensures effective, efficient, consistent and transparent administration of programs, permits and licences.
- Supported **Agricultural Societies** financially to propel their innovative post-pandemic effort. Funded infrastructure projects (\$95.0), education grants (\$113.0) and special innovation activities (\$65.9).
- Continued **Online ACL Auction** to allow allocation of leases during the pandemic. 102 of 145 leases offered were allocated, with young bidders (under 40) making up 31 per cent of the bidders and receiving 46 per cent of the leases assigned.
- Assisted 34 clients to grow their businesses by securing shelf space for 230 products in Red River Co-op stores and 26 clients to secure shelf space for 213 products in Sobeys and Safeway stores.

- Implemented the department's new **service delivery model** for rural Manitoba through the Agriculture and **Manitoba Agricultural Services Corporation Service Centres (MASC)** to maximize client value. This involves the co-locating of all programs and services in 10 service centre locations.
- Issued the **Hay Disaster Benefit** that provided an additional \$44 per tonne to 1,668 Manitoba forage producers, with benefits totalling \$8.9M.
- Introduced through MASC, **Polycrop Establishment Insurance** to provide coverage for annual forage blends.
- Introduced through MASC, **forage yield cushioning** – a new technique to stabilize yield coverages for forages.
- Created the **One Health Veterinary Outreach Program** through an innovative five-year partnership with the Winnipeg Humane Society to focus on community-based solutions to address animal health and welfare challenges in remote and Indigenous communities in Manitoba.
- Expanded the **Animal Health and Welfare Capacity** to include human resources to support animal health and welfare by enforcing The Animal Care Act and The Animal Diseases Act.
- Developed and delivered an Animal Protection Officer training program and an Animal Protection Officer Handbook.
- Advanced planning and preparation work with industry partners, provincial and federal governments and Animal Health Canada for **African Swine Fever** preparedness.
- Provided funding through CAP and technical support to Manitoba Pork Council for the **Invasive Swine Eradication Project**.
- Responded to the **Office of the Auditor General (OAG) Audit on Animal Disease Preparedness** – The department made significant progress on its action plan including:
 - Adopted a disease risk assessment methodology;
 - Initiated a Lab Information Management system project with full implementation in 2022/23);
 - Completed a Veterinary Diagnostic Services (VDS) lab risk assessment;
 - Initiated scoping work for a Provincial Traceability and Event Management System to integrate event data into one temporo-spatial dataset. This will allow updating Premises ID information simultaneously into one system and creating the capability to incorporate multiple risk types and levels to better support decision-making and manage outcomes throughout an animal disease event.
 - Increased Animal Health and Welfare's budget by \$200.0 for 2022/23 to support animal disease diagnostics, disease risk assessment and response;
 - Obtained an **Environment Act License** for an emergency **Mass Mortality Disposal Site**
 - Increased information sharing and enhanced public trust by creating **Animal Health and Welfare Dashboards**. The new dashboards are included on the Department's website.
- Amended the **Food and Food Handling Establishments Regulation** to update references and standards for abattoir inspections and provide inspectors with clear authority.
- Consulted with food processing and abattoir stakeholders to guide the development of draft outcome-based food processing and abattoir regulations under **The Public Health Amendment Act (Bill 36)**.
- Brought 30 industry stakeholders together to develop an **Agriculture and Food Labour Strategy**, chaired by Keystone Agricultural Producers.
- Reviewed the **Crop Diversification Centre Model** to assess the design, delivery and relevance of the current Diversification Centre model, including the mandate, effectiveness and efficiency and sustainability of future models.
- Facilitated the development of an industry-led **Manitoba Potato Research and Science Technology Strategy** in collaboration with Agriculture and Agri-Food Canada, which is being implemented by industry.
- Restructured department with a focus on **Climate Resilience** to address activities such as the Ag Weather Program, the Soil Survey Program, and climate change initiatives within the Land Use and Ecosystems Resilience Branch.
- Introduced legislation to modernize Peak of the Market and create marketing choices for table potato and root crop producers. **The Peak of the Market Reorganization Act (Bill 12)** eliminated regulatory restrictions that prevented producers from growing and marketing table potatoes and root crops (carrots, onions, parsnips) in Manitoba, and continued Peak of the Market as a private, independent corporation under The Corporations Act.
- Continued to support the **Manitoba 4-H Council**. Supported the launching of "Clover", a model cow simulator that offers several educational scenarios for calving and general animal husbandry. Supporting learning and new experiences for Manitoba's youth through the 4-H program helps to build public understanding and trust about the sector.

Points saillants des principales activités et réalisations de 2021-2022

Au cours de l'exercice financier, le ministère de l'Agriculture a mené à bien les activités suivantes :

- Élaboration et administration du **Programme Canada-Manitoba d'aide aux victimes de la sécheresse d'Agri-relance 2021** à l'intention des producteurs de bétail. Offre d'une aide pertinente et en temps opportun aux producteurs dans le cadre des programmes d'aide aux victimes de la sécheresse d'Agri-relance pour traiter des pénuries d'aliments du bétail, qui se poursuit en 2022-2023.
- Élaboration et mise en œuvre du **programme pilote sur la productivité fourragère des terres domaniales agricoles** adapté aux preneurs à bail de terres domaniales agricoles afin d'améliorer la production de fourrage jusqu'à concurrence de 30 000 \$ par exploitation agricole. Quarante-trois demandeurs ont reçu du financement dans le cadre du Partenariat canadien pour l'agriculture – Ag Action Manitoba, totalisant 733 000 \$ et couvrant 27 605 acres.
- Poursuite des travaux en vertu de la **Stratégie à l'égard des protéines du Manitoba**.
 - Élaboration du **projet ASPIRE (Accelerating Sustainable Protein Impact and REsults)** sous la direction du Consortium des protéines du Manitoba, en collaboration avec des organismes et des entreprises du secteur des protéines, et du milieu universitaires, quatre tables rondes ayant été créées.
 - Soutien de la création d'emplois dans le secteur des protéines végétales et animales, portant le total des investissements depuis 2019 à 824 millions de dollars, et créant 992 emplois, soit 55 % et 64 % des objectifs respectifs d'ici 2025. Fourniture d'assistance à 40 sociétés envisageant d'investir au Manitoba, entraînant la confirmation d'investissements.
 - Élaboration de la **stratégie de recherches sur les protéines durables** sous la direction de Jim House de l'Université du Manitoba au moyen de consultations avec des intervenants de l'industrie des protéines. La stratégie présente les domaines de recherches prioritaires pour soutenir l'atout des protéines du Manitoba.
 - Lancement d'une discussion avec les intervenants de l'industrie et du milieu universitaire pour créer une **chaire de recherche stratégique sur les protéines durables** qui deviendra le centre des activités de collaboration en recherche et du transfert des connaissances. La chaire recrutera des chercheurs, des entreprises et des acteurs de l'industrie pour faire avancer les priorités de recherche stratégiques qui soutiendront les investissements en vue de la croissance et du développement économique à long terme des secteurs des protéines animales et végétales du Manitoba.
 - Tenue du **Sommet sur les protéines du Manitoba de 2022**. Cette activité virtuelle a rassemblé plus de 600 participants de 18 pays pour créer des liens, lancer des discussions et établir des partenariats.
- Soutien de l'acquisition de leadership, de compétences agricoles et d'aptitudes à la vie pour les jeunes Manitobains dans le cadre du **programme 4-H du Manitoba**, fournissant au Conseil des 4-H du Manitoba une subvention de 300 000 \$ pour le soutien de la prestation du programme.
- Coorganisation et coanimation du congrès virtuel **Northern Soil Compaction Conference** avec la North Dakota State University et la University of Minnesota. Il s'agissait de la première conférence nord-américaine entièrement consacrée aux questions de compactage du sol, traitant notamment des façons dont les agriculteurs peuvent atténuer et gérer ce problème.
- Prestation continue d'initiatives visant à faire progresser la rentabilité, la compétitivité et l'innovation dans notre secteur de l'agriculture et de l'agrotransformation dans le cadre du **Partenariat canadien pour l'agriculture – Ag Action Manitoba**. Approbation d'investissements stratégiques de 24,8 millions de dollars pour les agriculteurs, les agrotransformateurs, les organismes de l'industrie, les chercheurs et les fournisseurs de services de l'industrie.
- Soutien de l'évaluation des projets de développement commercial en vertu du Partenariat canadien pour l'agriculture – Ag Action Manitoba ayant mené à 9,2 millions de dollars en subventions pour 41 projets d'immobilisations et d'équipement, portant la valeur totale du projet à 128,8 millions de dollars.
- Adoption de l'« **Énoncé de Guelph** » qui indique les priorités nationales en agriculture en vue du **prochain cadre stratégique fédéral-provincial-territorial pour l'agriculture** de 2023-2028.

- Création d'une direction administrative des programmes et des permis pour mettre en place une **approche axée sur le client** qui assure une administration efficace, efficiente, uniforme et transparente des programmes, des permis et des licences.
- Soutien financier des **sociétés agricoles** pour stimuler leurs efforts novateurs suivant la pandémie. Financement de projets d'infrastructure (95 000 \$), de subventions d'éducation (113 000 \$) et d'activités novatrices spéciales (65 900 \$).
- Poursuite des **enchères en ligne des terres domaniales agricoles** pour permettre l'affectation de baux pendant la pandémie. Sur les 145 baux offerts, 102 ont trouvé preneur, les jeunes offrants (moins de 40 ans) représentant 31 % des offrants et recevant 46 % des baux cédés.
- Fourniture d'assistance à 34 clients pour faire croître leurs affaires en obtenant de l'espace de tablette pour 230 produits dans les magasins Red River Co-op, et à 26 clients en obtenant de l'espace de tablette pour 213 produits dans les magasins Sobeys et Safeway.
- Mise en œuvre du **nouveau modèle de prestation de services** du ministère pour les régions rurales du Manitoba par les **centres de services de la Société des services agricoles du Manitoba** afin de maximiser la valeur des services pour les clients. Cette mesure implique le regroupement de tous les programmes et services dans dix centres de services.
- Versement de l'**indemnité en cas de catastrophe touchant le foin** qui a fourni une somme additionnelle de 44 \$ par tonne à 1 668 producteurs de fourrage du Manitoba, ces indemnités totalisant 8,9 millions de dollars.
- Mise en place par la Société des services agricoles du Manitoba d'une **assurance relative aux cultures mixtes en début d'exploitation** afin d'offrir une protection pour les cultures fourragères mélangées pérennes.
- Mise en place par la Société des services agricoles du Manitoba d'un **amortissement des rendements du fourrage**, une nouvelle technique de stabilisation de la protection des rendements de fourrage.
- Création du **programme de sensibilisation aux soins vétérinaires Une seule santé** dans le cadre d'un partenariat de cinq ans avec la Winnipeg Humane Society afin de trouver des solutions communautaires aux questions de santé et de bien-être des animaux dans les collectivités autochtones et éloignées au Manitoba.
- Élargissement de la **capacité en matière de santé et de bien-être des animaux** pour inclure des ressources humaines qui soutiendront la santé et le bien-être des animaux en faisant appliquer la Loi sur le soin des animaux et la Loi sur les maladies des animaux.
- Élaboration et prestation d'un programme de formation des agents de protection des animaux et création et distribution d'un guide à l'intention des agents de protection des animaux.
- Avancement des travaux de planification et de préparation avec les partenaires de l'industrie, les gouvernements fédéral et provinciaux et Santé animale Canada en vue de la prévention de la **peste porcine africaine**.
- Fourniture de financement dans le cadre du Partenariat canadien pour l'agriculture et de soutien technique au Manitoba Pork Council pour le **projet d'éradication des cochons sauvages envahissants**.
- Réponse au **Rapport d'audit indépendant du Bureau du vérificateur général du Manitoba intitulé Préparation aux éclosions de maladies animales**. Le ministère a fait d'importants progrès quant à son plan d'action, notamment :
 - l'adoption d'une méthode d'évaluation des risques de maladies;
 - le lancement d'un projet de système de gestion de l'information de laboratoire dont la mise en œuvre complète est prévue en 2022-2023;
 - l'achèvement d'une évaluation des risques des services de diagnostics vétérinaires en laboratoire;
 - le lancement de travaux de détermination de la portée pour un système provincial de traçabilité et de gestion des événements afin d'intégrer les données sur les événements dans un ensemble de données temporo-spatiales unique. Il sera alors possible d'actualiser les renseignements d'identification des lieux simultanément dans un seul système, et d'intégrer plusieurs types et niveaux de risque afin de mieux soutenir la prise de décisions et de gérer les résultats tout au long d'un événement de maladie animale;
 - l'augmentation du budget de santé et de bien-être animal de 200 000 \$ pour 2022-2023 afin de soutenir les diagnostics de maladies animales, les évaluations des risques de maladies et les interventions;
 - l'obtention d'une **licence en vertu de la Loi sur l'environnement** pour un **site d'élimination d'urgence en cas de mortalité massive d'animaux**;
 - l'accroissement de la communication d'information et le renforcement de la confiance du public en créant des **tableaux de bord sur la santé et le bien-être animal**. Les nouveaux tableaux de bord figurent sur le site Web du ministère.
- Modification du **Règlement sur les denrées alimentaires** afin de mettre à jour les références et les normes relatives aux inspections des abattoirs, et de conférer des pouvoirs clairs aux inspecteurs.

- Consultation avec les transformateurs alimentaires et les abattoirs pour orienter l'élaboration d'une ébauche de règlement en matière de transformation des aliments et d'abattage fondés sur les résultats, lequel règlement serait pris en vertu de la **Loi modifiant la Loi sur la santé publique (projet de loi 36)**.
- Rassemblement, présidé par Keystone Agricultural Producers, de 30 intervenants de l'industrie pour élaborer une **stratégie relative à la main-d'œuvre des domaines de l'agriculture et de l'alimentation**.
- Examen du **modèle du Centre de diversification des cultures** pour évaluer la conception, la prestation et la pertinence du modèle actuel des centres de diversification, notamment le mandat, l'efficacité, l'efficience et la durabilité des modèles futurs.
- Facilitation de l'élaboration, sous la direction de l'industrie, d'une **stratégie manitobaine de recherche et de science technologique relativement à la pomme de terre**, en collaboration avec Agriculture et Agroalimentaire Canada, qui est en cours de mise en œuvre par l'industrie.
- Restructuration du ministère en mettant l'accent sur la **résilience climatique** pour traiter des activités comme le Programme d'agrométéorologie du Manitoba, le Programme de levés des sols et les initiatives relatives aux changements climatiques au sein de la Direction de l'utilisation des terres et de la résilience des écosystèmes.
- Présentation d'un projet de loi afin de moderniser Peak of the Market et de créer des choix de mise en marché pour les producteurs de pommes de terre de table et de plantes racines. La **Loi sur la réorganisation de Peak of the Market (projet de loi 12)** a éliminé les contraintes réglementaires qui empêchaient les producteurs de cultiver et de mettre sur le marché des pommes de terre de table et des plantes racines (carottes, oignons, panais) au Manitoba, et a maintenu le statut de Peak of the Market en tant que société privée et indépendante en vertu de la Loi sur les corporations.
- Poursuite du soutien à l'égard du **Conseil des 4-H du Manitoba**. Soutien du lancement de « Clover », un simulateur ayant la forme d'une vache qui offre de multiples scénarios éducatifs pour le vêlage et l'élevage d'animaux général. Le soutien de l'apprentissage et de nouvelles expériences pour les jeunes de la province dans le cadre du programme 4-H du Manitoba aide le public à mieux comprendre le secteur et à lui faire davantage confiance.

Department Strategy Map

The department strategy map lists the four Government priority areas: Quality of Life, Working Smarter, Public Service and Value for Money, with the department's objectives listed under each priority.

Progress on performance measures achieved during the fiscal year are described in further detail following the strategy map.

Vision

A Manitoba that innovates, inspires the entire agri-food value chain, and sustainably feeds the world while reducing our carbon footprint.

Note: this vision was updated from A Manitoba where people and landscapes thrive in a vibrant economy.

Mission

Foster the sustainable growth of Manitoba producers and agri-processors through innovative, reliable supports and services.

Note: this mission was updated from a single ministry providing an integrated approach to developing agriculture and natural resources in a sustainable manner.

Values

Guided by the foundation of our shared public service values:

- We value sustainable and responsible resource management and development.
- We value the public's trust.
- We value the participation of Indigenous peoples in the management and development of resources.
- We value each other's expertise, experience and leadership.
- We value science and evidence-based decision making.
- We value working together in partnership to find solutions to public policy challenges.
- We value innovation, growth and continuous improvement.
- We value open and transparent communication.
- We value a vibrant economy as an enabler of a healthy quality of life.

Department Balanced Scorecards Priorities and Objectives

Quality of Life – Improving Outcomes for Manitobans

1. Foster investment, job creation and economic development
2. Advance reconciliation
3. Protect our people, animals, and plants
Note: this objective was updated from Protect our people, animals, plants, and natural resources
4. Enhance resilience of Manitoba's agriculture and agri-food sectors
Note: this objective was updated from Enhance resilience of Manitoba's agriculture and natural resource sectors

Working Smarter – Delivering Client-Centred Services

5. Foster and advance innovation
6. Reduce red tape
7. Engage stakeholders in decision making
8. Improve transparency

Public Service – Delivering Client-Service Excellence

9. Care for the needs of our clients
10. Build our capacity to deliver
11. Advance inclusion
12. Strengthen respect in our workplaces

Value For Money – Protecting Manitoba’s Bottom Line

13. Provide value for money
14. Increase accountability
15. Balance the budget
16. Reduce operation costs

Schéma stratégique ministériel

Le schéma stratégique ministériel dresse la liste des quatre domaines prioritaires du gouvernement (qualité de vie, gestion plus ingénieuse, fonction publique, optimisation des ressources), les objectifs du ministère étant répertoriés sous chacune de ces priorités.

Les progrès relatifs aux mesures du rendement réalisés au cours de l'exercice sont décrits plus en détail en fonction de ce schéma.

Vision

Un Manitoba qui innove, inspire toute la chaîne de valeur agroalimentaire et nourrit durablement le monde tout en réduisant son empreinte carbone.

Remarque – Cette vision a été mise à jour et était auparavant libellée ainsi : Le Manitoba, un lieu où la population et les paysages s'épanouissent dans une économie florissante.

Mission

Favoriser la croissance durable des producteurs et des entreprises de transformation de produits agricoles du Manitoba grâce à des mesures d'aide et à des services novateurs et fiables.

Remarque – Cette mission a été mise à jour et était auparavant libellée ainsi : Un ministère unique procurant une approche intégrée pour développer durablement l'agriculture et les ressources naturelles.

Valeurs

Guidés par le fondement de nos valeurs communes en matière de service public :

- nous attachons de l'importance à une gestion et à un développement durables et responsables des ressources;
- nous attachons de l'importance à la confiance du public;
- nous attachons de l'importance à la participation des Autochtones à la gestion et au développement des ressources;
- nous attachons de l'importance à l'expertise, à l'expérience et au leadership de chacun;
- nous attachons de l'importance à une prise de décision fondée sur des faits probants et des connaissances scientifiques;
- nous attachons de l'importance au travail en partenariat pour trouver des solutions aux défis de politique publique;
- nous attachons de l'importance à l'innovation, à la croissance et à l'amélioration continue;
- nous attachons de l'importance à une communication ouverte et transparente;
- nous attachons de l'importance à une économie florissante ouvrant la voie à une qualité de vie saine.

Priorités et objectifs des tableaux de bord équilibrés ministériels

Qualité de vie – Améliorer les résultats pour les Manitobains

1. Favoriser l'investissement, la création d'emplois et le développement économique
2. Faire progresser la réconciliation
3. Protéger nos gens, nos animaux et nos plantes

Remarque – Cet objectif a été mis à jour et était auparavant libellé ainsi : Protéger nos gens, nos animaux, nos plantes et nos ressources naturelles.

4. Améliorer la résilience des industries de l'agriculture et de l'agroalimentaire du Manitoba

Remarque – Cet objectif a été mis à jour et était auparavant libellé ainsi : Améliorer la résilience des industries de l'agriculture et des ressources naturelles du Manitoba.

Gestion plus ingénieuse – Fournir des services axés sur le client

5. Favoriser et promouvoir l'innovation
6. Réduire la bureaucratie
7. Faire participer les intervenants aux prises de décision
8. Améliorer la transparence

Fonction publique – Offrir un service à la clientèle d'excellence

9. Se soucier des besoins de nos clients
10. Renforcer notre capacité d'exécution
11. Favoriser l'inclusion
12. Renforcer le respect dans nos milieux de travail

Optimisation des ressources – Protéger les résultats financiers du Manitoba

13. Dépenser judicieusement
14. Accroître la responsabilisation
15. Équilibrer le budget
16. Réduire les coûts de fonctionnement

Department Balanced Scorecards Priorities and Objectives - Details

The following section provides information on key performance measures for Manitoba Agriculture for the 2021/22 reporting year. All Manitoba government departments include a performance measurement section in a standardized format in their annual reports.

Performance indicators in Manitoba government annual reports are intended to complement financial results and provide Manitobans with meaningful and useful information about government activities and their impact on the province and its citizens.

Quality of Life – Improving Outcomes for Manitobans

1. Foster investment, job creation and economic development

Key Initiatives

- **Farm Management Calculators and Decision-Making Tools:** Farm management calculators and tools support economic decision making by producers. Enhanced 18 farm management resources, maintained 122 resources, and retained resources in print and online. Tools for analyzing the impact of AgrilInsurance were added to the crop and forage cost of production calculator. Updated the livestock price insurance tool for beef producers, and helped beginning and existing producers to use price insurance to mitigate market risk. In 2021/22, the tools focused on building a better understanding of financial risk, and managing financial risk.
- **High Tunnel Vegetable and Fruit Production:** High tunnels are a potentially more profitable alternative to traditional horticulture production, and can increase the length of the growing season with planting/transplanting starting as early as late April to early May as harvesting is completed in late October through to early December. This can increase production under Manitoba climatic conditions. Assessment of the “Made in Manitoba” high tunnel design is underway to determine effectiveness and if the use of high tunnels should be expanded across the province. Vegetable crops evaluated in 2021 included Spanish onions, peppers and tomatoes. Results were discussed with both large and small-scale vegetable producers. Research evaluations continue in 2022 with the addition of a high tunnel strawberry evaluation.
- **Grazing Projects at Manitoba Beef and Forage Initiative (MBFI):** Two six-year-long trials concluded, and demonstrated the benefits of planned grazing and economics of extended grazing. Planned grazing strategies consistently added an extra month of grazing capacity over the six years. Grazing stockpiled forage, corn, and other extended grazing techniques reduced winter feed costs and returned most of the nutrients in the feed to fields where they were consumed. Further refinement of planned grazing will be evaluated in new trials starting in 2022/23. These trials support the objective of the Manitoba Protein Advantage (MPA) Strategy to improve the productivity of grasslands by 15 per cent.
- **Grazing Mentorship Initiative:** The department participated in the development committee of the National Grazing Mentorship program. The program is building industry capacity by training grazing mentors who can work with producers to develop grazing plans and improve the health and productivity of pastures and grasslands. The department, MBFI, and the Canadian Forage and Grassland Association (CFGAs) are collaborating to train mentors in Manitoba, with three potential mentors recruited in 2021/22. The CFGA is providing funding through Farmers for Climate Solutions to support the initiative in Manitoba. The training of mentors will assist producers investing in grazing infrastructure in 2022/23, and beyond. Improved grazing practices support the goal of the MPA Strategy to decrease the carbon intensity of livestock production by 15 per cent.
- **Food Business Development:** Increasing the total number of clients supported by business development services contributes to fostering investment, job creation, and economic development by providing specific information for starting and operating a food processing business in Manitoba. The department supported 328 clients by providing information, pathfinding, advice, mentoring and resources specific to starting, operating and growing a food processing business. Of the clients served, 45 per

cent were in the ideation and start-up stage, and 30 per cent at the build stage, involving the preparation of products to sell to wholesalers and retailers. Twenty-two per cent of clients served were at the growth stage, involving expansion to new domestic and foreign markets, and 3 per cent were at the scale stage, involving transition to larger scale operations. The next steps for this initiative include focus on the growth of established small businesses to increase the number of medium-sized businesses.

- CAP Program Support Return on Investment (ROI):** Captures the Canadian Agricultural Partnership (CAP) Ag Action Manitoba Program for processors contributions, including private and government investment, and the value of job creation in the form of estimated provincial income tax revenue. The ROI calculation is based on anticipated provincial income tax revenue stemming from job increases associated with CAP program support, relative to the grant amounts invested towards these projects. The 41 capital asset and equipment projects funded in 2021/22 at a cost of \$9.2M are estimated to result in provincial income tax revenue of \$10.9M, and a return on investment after three years of \$1.7M or 18 per cent.
- Increase of Protein Related Projects:** Protein focused collaborations increased the potential investment dollars spent within the province’s protein industry, helping to move the Manitoba Protein Strategy forward. The Food Development Centre (FDC) conducted 20 protein related projects, representing 63 per cent of the total number of projects. Next steps include enhancing marketing efforts, expanding staff protein expertise, and processing technologies to grow interest in the FDC’s protein-related research and development activities.
- Market Research Projects:** Results of market research projects help assess business opportunities, allowing producers and processors to minimize risk before entering a foreign market through proactive data collection and analysis. In 2021/22 five market research reports were completed and included exploring the pork market in the Philippines, the plant-based protein food market in Norway, the beef market in the Netherlands, the fish market in Luxemburg, and opportunities for the Manitoba bison industry. Next steps include the development of an internal tool to allow the identification of global market opportunities for Manitoba agriculture and agri-food products.
- Knowledge Transfer of Market Intelligence:** Delivered a series of production and financial reports to facilitate economic and investment opportunities, and provided trade statistics and analysis to assess potential impacts resulting from local and/or global production situations, market conditions and/or trade actions. Completed a series of trade reports including the agri-food export performance in 2021, Manitoba top trade partners, Manitoba’s top 10 protein and crop exports in 2021, Manitoba agri-food trade dashboard, trade emerging issues, and the quarterly trade report. Published one new sector profile (oats) and updated nine sector profiles for wheat, soybean, canola, potato, grain corn, hog, beef cattle, food and beverage. Served as inter-jurisdictional contact for sector market intelligence and agricultural economics programming while participating in Federal/Provincial/Territorial Ag Statistics and the Agriculture and Agri-food Farm Income Forecast working groups, and the Export Market Analysis Consortium. Supported implementation of the Manitoba Protein Advantage strategy with data, information, and research to identify industry strengths and market opportunities.

Performance Measures

Measure	Baseline	2021/22 Actual
1.a. Achieve dollar amount of CAP-Ag Action Manitoba funds invested	New Measure	New Measure
1.b. Achieve a target number of jobs created through the Manitoba Protein Advantage Strategy	New Measure	New Measure

1.a. Achieve dollar amount of CAP-Ag Action Manitoba funds invested: This measure will track the amount of CAP-Ag Action Manitoba funds invested. This is a new measure and data will be collected this year to establish a baseline and target. The performance measure that was formerly reported in the Main Estimates Supplement (MES) was Private Capital Investments in Agriculture and Natural Resources.

1.b. Achieve a target number of jobs created through the Manitoba Protein Advantage Strategy: This measure will track the number of jobs created through the Manitoba Protein Advantage Strategy. This is a new measure and data will be collected this year to establish a baseline and target. The performance measure that was formerly reported in the MES was Employment in Agriculture and Natural Resources.

2. Advance reconciliation

Key Initiatives

- **Northern Healthy Food Initiative (NHFI):** The department worked with Indigenous Reconciliation and Northern Relations to support and implement agriculture, food and traditional cultural activity projects with First Nations, school districts, and other partners in northern Manitoba. Produced 15 videos on growing, harvesting and preserving vegetables, fruit and meat in northern Manitoba, translated into Cree, and shared with community partners. The videos were posted on the Manitoba Agriculture YouTube channel. Resources on managing small egg and poultry flocks were developed. In 2022/23, further resources will be developed in response to requests from NHFI partners. NHFI programming works to strengthen Indigenous language and culture in the spirit of Call to Action 14, recognizing the Indigenous language and culture are fundamental and valued elements of Manitoban culture and society and must be preserved and strengthened.
- **Indigenous Engagement Intranet Page:** Responding to TRC Call to Action # 57, the department consulted with members of the Certificate in Indigenous Relations Project and Reconciliation Project to create and build an Indigenous engagement page to provide tools, resources, and information to staff. The intranet page will continue to be developed as a resource to support the ongoing education of public servants on the history of Indigenous Peoples.

Performance Measures

Measure	Baseline	2021/22 Actual
2.a. Percentage of employees who completed Indigenous relations and reconciliation training	New Measure	New Measure

2.a. Percentage of employees who completed Indigenous relations and reconciliation training: This measure will track the percentage of department staff completing at least one Indigenous relations-related training option offered by OSD. When learning is substantially complete a new measure will be introduced. This new measure will be used to collect data to establish a baseline and evaluate the target. The performance measure that was formerly reported in the Main Estimates Supplement (MES) was Crowns Legal Duty to Consult.

3. Protect our people, animals, and plants

Key Initiatives

- **Livestock Predation Prevention Pilot Project:** Manitoba Beef Producers (MBP) delivered the second year of a three-year, \$426.0 pilot project in association with the Manitoba Sheep Association (MSA) and the Manitoba Trappers Association (MTA). The department is providing \$300.0, with the remainder contributed by MBP and MSA. The goal of the project is to reduce wildlife predation on livestock with different mitigation techniques. Sixty-five risk mitigation projects were installed on 20 farms in 2021. Projects included netting and fencing, tracking collars, scaring devices, trail cameras, deadstock composting, and veterinary assessments. Progress was reported in Cattle Country and at MBP and MSA producer meetings. A third year of evaluation and extension will conclude in 2022/23.
- **4R Nutrient Stewardship Initiative:** The objective supported by the initiative was to improve nutrient use by farmers to increase productivity and reduce adverse effects on the environment such as nutrient losses or greenhouse gas production. Many measurable outcomes resulted from the initiative. Soil testing was promoted to capture residual nitrogen following the 2021 drought (11 presentations and 440 clients served). This extension assisted in increasing soil testing by approximately 10–15 per cent. Several presentations were delivered on managing high fertilizer prices with producers (nine presentations with 320

clients served), following the recommendation to increase the fall application of more reasonably priced fertilizer. Fertilizer recommendations for drought, high input prices, and high residual nitrogen were developed and distributed through web pages, magazine articles (e.g. Crops and Soils to 14K North American Certified Crop Advisors), and presentations. Next steps for the initiative include continued extension of 4R Stewardship with emphasis on reducing greenhouse gasses, particularly nitrogen oxide.

- **Food Safety Regulations Modernization:** Establish an aligned and agile food safety regulatory system for the Agri-food sector in Manitoba to enable growth and innovation while ensuring safe food production by developing food processing and abattoir regulations. This ongoing project will continue in 2022/23. Pre-consultation sessions took place to obtain feedback on **industry** readiness for outcome-based requirements and potential challenges. The outcome-based regulation development is currently in draft stage. Worked collaboratively with Manitoba Health and with Policy and Legislation branch to determine an adequate regulatory framework. Next steps will involve:
 - continuing stakeholders engagement
 - finalizing the regulatory draft
 - preparing required documentation for cabinet submission
 - registering the regulation
 - preparing guidance materials for stakeholders
 - ensuring health officers are properly trained
- **Agricultural Land Use Technical Review:** Departmental participation in these formal provincial processes provides technical support to municipalities and the Manitoba Farm Industry Board to ensure land use decisions protect people, soils and the **ecosystem** in accordance with government regulation and policies. This is an ongoing program area, reported on annually. Ensures that technical information is provided on proposals such as land use planning by-laws, subdivisions and Livestock Technical Reviews under the Planning Act and formal complaint investigations, and under The Farm Practices Protection Act.

Performance Measures

Measure	Baseline	2021/22 Actual
3.a. Reduce GHG emissions below provincial trend in kilotonnes	5,950 kt	-

3.a. Reduce Green House Gas (GHG) emissions below provincial trend in kilotonnes: Based on the National Inventory Report, this includes GHG emissions from agriculture. Annual GHG emissions for Manitoba (all sources of emissions) are measured, tracked and reported by Environment and Climate Change Canada (ECCC) in the federal government’s National Inventory Report. The 2021/22 baseline is derived from 2019 data. The 2022/23 target is yet to be determined. Environment and Climate Change Canada revised the method of reporting and changed previous years to reflect the new methodology. As a result, previous actual numbers of kilotonnes reported as actual and targets are no longer relevant. This actual for 2021 will not be reported until 2023. This performance measure was reported as Green House Gas Emissions in Agriculture and Natural Resources in the MES and had since been renamed.

4. Enhance resilience of Manitoba’s agriculture and agri-food sectors

Key Initiatives

- **AgriInvest:** This is a producer managed savings account where the government matches producer deposits. The funds are intended to help producers manage small income declines and make investments to manage risk and improve market income. In 2021/22 AgriInvest continued to offer stable and predictable support to agricultural producers. In the 2020 AgriInvest program year (administered largely in the 2021/22 fiscal year) Agriculture and Agri-Food Canada (AAFC), the administrator distributed payments to 8,368 producers totalling \$30.3M. Manitoba’s share of these contributions was approximately \$12.1M.

- **AgriStability:** This is a program based on farm income margin fluctuations designed to help producers manage large income declines caused by production loss, increased costs and market conditions. In the 2020 AgriStability Program year AAFC received 4,479 applications and made payments to Manitoba producers of approximately \$37.3M. In 2021/22, Manitoba continued to work with Canada and other provinces to improve the effectiveness of the program in response to communications with producers and commodity organizations.
- **Environmental Farm Plan (EFP):** Enables farmers to develop an EFP to identify and address environmental risks on farmland and to identify areas where adoption of beneficial management practices (BMPs) would provide value. The department continued virtual delivery of the EFP program in 2021/22, reaching 493 producers, including dairy, potato and pea protein sectors, via 21 workshops. KAP issued 525 Statements of Completion to farmers covering 1,070,381 acres. A new calculator in consultation with industry specialists was developed to estimate water use on livestock operations. This calculator will be used in the online EFP and by the Technical Review Committee and Water Rights Licencing staff when assessing livestock developments.
- **The Ag Weather Program:** The Ag Weather program provided 475 maps during the 2021/22 season that was important in understanding the impacts of the 2021 drought and the parts of the province most impacted. The weather information on the Manitoba Agriculture website was among the most widely viewed pages. The Ag Weather program installed four permanent **weather** stations in 2021/22 located near Brandon, Richer, Petersfield and Clarkleigh.
- **Offer online Business Pathway Platform:** Provides online resources and services to clients to support increasing business development and **management** capacity, and contributes to the success of more food processing businesses. The Pathways to Success project, is an online resource that integrates branch resources with partner organizations to provide superior client service and easier access to branch resource materials. Next steps for this project will see the completion of the Pathways website with a target completion date of Fall 2022.
- **COVID-19 Impact Project:** Continued the COVID-19 impact project initiated in 2020/21 to explore the implications of the COVID-19 pandemic to Manitoba’s agriculture and agri-food sector. In 2021/22, completed a series of reports monitoring the export performance of the agriculture and agri-food sector, and explored the impact of COVID-19 on automation and digitalization of the food **and** beverage industry, as well as on agri-food sector employment.
- **Disease investigation and Surveillance:** Conducted 37 disease investigations following the established and effective partnership approach with veterinarians, producers, livestock and poultry organizations, and other stakeholders. Significant investigations were conducted for outbreaks of Porcine Epidemic Diarrhea (PED), Influenza, and Mycoplasma synoviae, plus the **emergence** of Cache Valley Virus in Manitoba. The number of disease investigations conducted in 2021/22 is the most ever for a fiscal period. The PED outbreak has been reduced, but, is still ongoing and has affected 122 premises, the most of any PED outbreak so far. For surveillance, the department contributed to the expansion of Western Canadian Animal Health Network (WeCAHN) through the inclusion of the laboratory and small ruminant networks that review animal health information quarterly from all four western provinces and through improved reporting and analysis of the data provided from provincial meat inspection and diagnostic programs. Similar work was conducted with Canadian Swine Health Information Network (CWSHIN) and targeted disease surveillance projects directed towards Streptococcus and Swine Influenza. Finally, the department has assisted Canadian Animal Health Surveillance Network (CAHSN) in developing data collation and analysis frameworks that will improve the province’s ability to utilize Manitoba animal health data and compare it with similar information from other provinces across Canada.

Performance Measures

Measure	Baseline	2021/22 Actual
4.a. Ratio of business entrants to exits in Manitoba’s agriculture and agri-food sector	1.15	0.94

4.a. Ratio of business entrants to exits in Manitoba's agriculture and agri-food sector: The ratio of business entrants to exits is used as a performance measurement for private sector business entrants, relative to exits in Manitoba's agriculture and agri-food sectors. *The baseline was derived from 2016 when, Manitoba's agriculture and natural resource sectors had 3,900 active businesses, 470 entrants, and 430 exits. The ratio of business entrants to exits was 1.09. **The target for 2022/23 is a ratio of business entrants to exits greater than 1. The baseline was derived from 2018 when, Manitoba's agriculture sector had 3,360 active businesses, 390 entrants, and 340 exits. Actual results are from 2020 data Manitoba's agriculture sector had 340 entrants and 360 exits. This performance measure was reported as Business Entrants and Exits in Agriculture and Natural Resources in the MES and had since been renamed.

Other Performance Measures:

Following a review for relevance and effectiveness the following performance measures are discontinued: Private Capital Investments (Agriculture and Natural Resources), Employment (Agriculture and Natural Resources) and Real GDP (Agriculture and Natural Resources). These are replaced with 1.a. Achieve dollar amount of CAP-Ag Action Manitoba funds invested and 1.b. Achieve a target number of jobs created through the Manitoba Protein Advantage Strategy. The performance measure in the MES, Real Gross Domestic Product (GDP) in Agriculture and Natural resources has also been discontinued.

The performance measure Crowns Legal Duty to Consult is replaced with 2.a. Percentage of employees who completed Indigenous relations and reconciliation training, which is a more effective performance measure for the objective.

Working Smarter – Delivering Client-Centred Services

5. Foster and advance innovation

Key Initiatives

- **Manitoba Grassland Inventory:** The department, University of Manitoba, and CFGA are developing an ongoing method of monitoring the province's grasslands. A model for converting satellite imagery into plant biomass is being developed to measure and map the acres and productivity of grasslands. In 2021, the department, Ducks Unlimited Canada, Manitoba Habitat Heritage Corporation, and the Nature Conservancy of Canada assessed annual crops and forages at locations throughout the province. The GPS location for each assessment was loaded into a database. This data helps to correlate geospatial data with known vegetation cover categories on the ground. Further land cover assessments will be undertaken in 2022/23 to assist in verifying the model being developed.
- **Manitoba Crop Pest Surveillance Initiative:** Crop pest surveillance is conducted to provide important information to producers and agronomists to maximize production and mitigate potential losses due to pests. The Manitoba Crop Pest Update is published weekly during the growing season. Populations of insects, diseases and weeds of field crops are compiled weekly. The **report** indicates potential pests of current concern, and where the highest levels are occurring in Manitoba. Scouting tips are provided as needed, and new resources to assist crop scouts are profiled. In 2021, 16 Manitoba Crop Pest Updates were published from May 12 to August 25. Pest surveillance is ongoing and provides important resources for producers, industry and agronomists.
- **Crop Report:** The Manitoba Crop Report is a weekly publication in the growing season, providing unbiased qualitative and quantitative reporting on crop seeding progress, field conditions, agronomic management, yields, and harvested acreage. The Crop Report **assisted** industry and government policy makers in assessing the drought of 2021. In 2021, 25 issues were published between April 27 and October 13. Many staff across the regions of the province contribute to gathering information for the Report. Readership in 2021 was estimated at 920 subscribers. Surveys on how to improve the formatting and information in the Crop Report were conducted, with plans for implementation in 2022/23.
- **The Manitoba Crop Variety Evaluation Trials (MCVET):** Serves as an independent third-party crop variety evaluation program for producers and the seed industry in Manitoba, and provides recent yield data through the Seed Manitoba publication. In the 2021 growing season, the number of varieties evaluated included 34 spring wheat, 22 barley, 10 oats, seven flax, 12 annual **forages**, 25 peas, six winter wheat, and six fall rye. There were 20 MCVET trial locations: Arborg, Boissevain, Souris, Dauphin, Hamiota, Thornhill, Portage la Prairie, Ste. Adolphe, Beausejour, Brandon, Carberry, Carman, Holland, Melita, Morris, Neepawa, Roblin, Rosebank, Stonewall, and Swan River. Spring wheat and barley were planted at 14 locations, oats, winter wheat and fall rye at 12 locations, flax at seven locations, annual forages at four locations, and peas at 10 locations. This is an ongoing initiative that is planned to continue for 2022/23.
- **Grain Innovation Hub (GIH):** The GIH provided project research funding opportunities to achieve products and practices for potential adoption or transfer to the grain value chain (producers, industry). GIH provided funding for 10 projects totaling \$664K on topics such as maximizing the potential of winter wheat, improving grain dryer efficiency and the development of new technology to improve soybean stress tolerance. It also supported the Manitoba Protein Advantage Strategy through funding of five projects totaling \$492.0 related to plant protein production and processing.
- **Increase New Technical Services:** Providing services through new technological/technical services enhances innovation in the agri-food sector. The Food Development Centre's (FDC's) innovative scale-up processes assist companies in adopting and learning new technologies in commercial food production. Demand for FDC facilities and testing is increasing to support and expand research capacity by small and medium sized Manitoba protein ingredient companies. The purchase of two pieces of laboratory equipment enabled the development of new protein functionality testing. This project will continue in 2022/23 with the intended outcome of adding a complete range of protein functionality tests. Further work will include liaising with the research community to establish global standard testing methods and developing internal processes to deliver facility rental requests.

- **Increase Protein Extraction Activities:** Increasing the number of protein extraction activities builds upon the capacity, knowledge and experience of the FDC team, which is then transferrable to clients and the industry. The department conducted 13 protein extraction activities including eight plant protein extractions on four protein types from two novel sources, and five co-product extractions from one plant and one animal source. Out-of-province and U.S. based protein companies are the main drivers of protein extraction activities. Conducting these protein projects helped identify equipment gaps and areas for innovation to deliver client services. The next step involves designing the approach to procure appropriate equipment and technologies. The capacity for innovation at FDC is an asset to attract additional investment to Manitoba.
- **Manitoba Markets Reports:** The Manitoba Markets Reports are weekly publications released throughout the year that provide Manitoba-specific quantitative reporting on local prices, specific indicators and hog processing information. The Manitoba Markets Reports address industry needs and assist in policy analysis. In 2021, the crop and oil seed prices report was revised to improve information sharing with clients and to streamline the process to collect historical information. In 2021/22, a total of 154 Manitoba Market hog, cattle/sheep/goat and crop reports were published.

Performance Measures

Measure	Baseline	2021/22 Actual
5.a. Achieve a target number of new approaches to service delivery	27	51

5.a. Achieve a target number of new approaches to service delivery. This measure accounts for the total number of Idea Fund submissions and Bright Idea implementations. The department implemented 48 Bright Ideas and received three idea fund submissions.

6. Reduce red tape

Key Initiatives

- **Veterinary Grant Administration:** Starting in July 2021, streamlined reporting requirements were introduced for the Veterinary Services District grants, with the support of the Veterinary Services Commission. To receive the provincial grant, Veterinary District Boards now submit one instead of eight sets of documents each year. Boards qualified sooner for the grant, with 85 per cent receiving their full provincial grant by October, compared to less than 50 per cent of the boards in previous years. In 2022/23, the streamlining process will be completed by switching from a semi-annual to an annual provincial grant.
- **Concierge Service:** The department employs a Concierge Service to assist agriculture, food and agriproduct clients to consider and implement investments and job creation in Manitoba. This service proactively assists clients with government of Manitoba and other information and contacts on processes for permits, infrastructure capacity, labour marketing information and programming and much more. This approach enhances client service by providing efficient pathways to determine requirements and contacts for permitting, potential support for projects and coordination with municipal governments to smooth the process of investment in Manitoba.
- **Improve Client Intake Process:** Designing, streamlining, and implementing more internal processes will allow clients to have requests or needs assessed quickly, and directed to the appropriate person or resource. By streamlining the client intake process **through** the establishment of a central email and phone number, clients are triaged and processed by utilizing the branch's internal portal to manage client relationships. Business development staff assisted 328 unique clients during the 2021/22 fiscal year.

Performance Measures

Measure	Baseline	2021/22 Actual
6.a. Reduce red tape	0.00%	3.17%

6.a. Reduce red tape: This measure accounts for the percentage reduction of regulatory requirements undertaken by the department in a fiscal year. The baseline resets to zero at the beginning of every fiscal year, and the target of a 2.5 per cent reduction is applied. See Regulatory Accountability and Red Tape Reduction in this report for further details.

7. Engage stakeholders in decision-making

Key Initiatives

- **2021 Drought Client and Sector Engagement:** The engagement for 2021 drought assistance forms a model for development and delivery of future emergency programs. During the summer and fall of 2021, biweekly meetings were held with **Manitoba Beef Producers (MBP)**, **Keystone Agriculture Producers (KAP)** and **Manitoba Forage and Grassland Association (MFGA)** to assess the drought, and discuss drought program response. Calls to the toll-free line and Service Centres were tracked to identify program issues and concerns. Based on producer and industry feedback, the application process was simplified through the use of declarations on applications for herd management and extraordinary expenses. The deductible for feed assistance was dropped, and the application deadline extended.
- **Next Policy Framework:** In 2021, engagement and consultations for the Federal/Provincial/Territorial (FPT) Next Policy Framework (NPF) included an Engage MB survey (Spring 2021), NPF engagement (June 2021), pre-FPT Ministerial engagement (October 2021) and FPT committees and working group engagement. Committee participation and engagement is ongoing.
- **Stakeholder Repository:** Developed a central repository that identifies stakeholders in the Agriculture and Agri-food sectors. This repository allows departmental staff to leverage the knowledge and wisdom of key players in the industry which will **help** guide the department in delivery of successful programs and services. The listing also provides a method to seek out and engage with stakeholders to inform them of policy, programming and management decisions.

Performance Measures

Measure	Baseline	2021/22 Actual
7.a. Achieve a target number of online and in-person public engagement projects	New Measure	11

7.a. Achieve a target number of online and in-person public engagement projects: This measure accounts for the total number of public engagement projects, based on the department's engagement tracker. The department had 11 known engagement projects for 2021/22.

8. Improve transparency

Key Initiatives

- **2021 Drought Communication Initiative:** A communication strategy was developed to provide timely information to livestock and crop producers impacted by drought in the summer of 2021. Primary Agriculture Branch, Water Branch, Manitoba Agricultural Services Corporation, and Communication Services Manitoba formed an Agriculture Drought Response Communication Team to coordinate news releases, internal updates, and web pages, using multiple platforms to reach as many producers as possible. The team created a Dry and Drought Conditions web page as a one-stop page for production, weather

and program information, and posted 15 new factsheets, three new calculators on managing herds and crops during drought, and sent weekly Tweets on managing herds and crops. Municipal Relations hosted and distributed an agricultural drought bulletin and webinar. This effective, coordinated cross-branch communication approach can be replicated in the event of future emergencies.

- Increase of Online Client Resources:** Increasing the number of client resources available online will allow convenient stakeholder access. Resources available for free access online all relate to starting and successfully operating a food processing business. They are categorized as Directories and Listings, Business, Marketing, Packaging and Labelling, Food Safety, Permits and Licenses, Operations and Processing, Labour and Immigration, Trade, Investment, and Industry Trends. The department increased and improved the number of online, client-industry resources by updating four directories and adding four new trade guides, three new marketing guides, two food cost and pricing interactive tools, and one new food safety guide. The branch strives to update directories annually to maintain accuracy and relevance. Creating new online client resources is an ongoing project that will continue with the intended outcome of increasing the breadth and depth of useful client resources. A related ongoing project is the translation of resources to French.
- Communication Platforms:** Continued use of multiple channels and platforms to increase open and transparent communications **internally** and externally, including the departmental internet and intranet websites, Growing Manitoba Ag e-newsletter, Twitter, YouTube, webinars and staff e-bulletin. Communication platforms will continue to be evaluated regularly for applicability and value added for all clients.
- Markets and Statistics Requests:** Apart from offering a broad range of self-service resources through the Department’s Markets and Statistics website, the Department provides ad hoc services. In 2021, the department responded to 279 requests related to agriculture and agri-food market intelligence, trade statistics and analysis from internal and external clients including industry, academic institutions, government partners, and other stakeholders. The information was provided timely to **address** specific needs of our clients dealing with market and investment decisions, preparing trade briefings, and/or conducting further analysis.

Performance Measures

Measure	Baseline	2021/22 Actual
8.a. Percentage of FIPPA requests completed in legislated timeline	-	48%

8.a. Percentage of FIPPA requests completed in legislated timeline: This measure name was changed from Proactive Disclosure. The department tracks Freedom of Information and Protection of Privacy Act (FIPPA) requests, including the total number of days for completing a FIPPA request, the number of requests completed on time (within the legislated 30-days or approved extension period). This measure uses the rate of on-time completion, which is the number of on-time completions divided by the total number of requests processed from the year. The number of FIPPA requests Manitoba Agriculture received increased 65 per cent, from 79 requests in 2019 to 130 requests in 2021. From April 1, 2021, to March 31, 2022, the department saw a significant increase in the following: size of records requested, number of “sensitive” issues and the information requested, and number of consultations required including with Legal Services to process FIPPA requests received, which contributed to longer response times. The Freedom of Information and Protection of Privacy Amendment Act, which came into force on January 1, 2022, included changes to Obtaining Access to Records and a change to the time limit in responding. Effective January 1, 2022, the time limit for responding to a request for access changed from 30 days to 45 days. This performance measure was reported as Proactive Disclosure in the MES and had since been renamed.

Public Service – Delivering Client-Service Excellence

9. Care for the needs of our clients

Key Initiatives

- **Beef and Forage Extension:** Applied a strategy of providing timely advice through multiple platforms, and published four Beef and Forage Technical bulletins, focused on managing forage shortfalls and dry conditions, farm economics, pasture management, and nutrition. Distributed 10,000 copies of each bulletin in Cattle Country. Each edition of Cattle Country also included timely articles by staff. Engaged 225 attendees at five StockTalk webinars, with 529 YouTube views. StockTalk topics included beef nutrition, polycrops, and pasture rejuvenation. Province-wide webinars for Beef and Forage Days included keynote speakers providing information on cattle marketing, livestock watering systems, and managing stressful times in farming. Print and online resources reached producers during a year when public health restrictions curtailed in-person meetings.
- **Mobile Friendly Farm Management Tools:** The development of 23 new, mobile friendly, web-based farm management calculators for machinery, land, forage, livestock and crops, assisted producers in making effective management decisions. An investment of \$79K was directed to convert excel based calculators to be hosted on the MASC website. The improved and convenient accessibility through mobile smart phones and tablets, will increase effective decision making for farm producers and industry. This is part of a continued strategy to provide tools in formats for producers to manage their business risk and will be **expanded** over the following year with up to six additional web based calculators being developed.
- **Crop Production Extension:** Provides a focus on sustainable and profitable crop production with pertinent and timely information on a variety of areas including honeybee production, weeds, diseases, insects, soil fertility, and pesticides, and many crops including cereals, oilseeds, pulses, potatoes, vegetable crops, and fruit crops. Crop production staff used a number of extension methods both virtually and in person to provide extension messaging including through online webinars, YouTube videos, factsheets, web pages, social media tweets, and training schools. A weekly extension webinar during the growing season, Crop Talk runs from April to October. Compared to the previous year, 'live' and YouTube views increased from 137 to 162 per session. In 2021, 31 CropTalk sessions reached over 5,000 individuals. The Summer Horticulture School provided a series of 10 vegetable and fruit extension webinars, recorded on the Manitoba Agriculture YouTube Channel. The Crop Diagnostic School, which trains producers and agronomists on current agronomic trends, provided over eight weeks in eight sessions with 981 views. The Manitoba Agronomist Conference engaged 377 attendees. The success of crop production extension events involved the efforts of several department staff, and events will continue into 2022/23 with the addition of more in-person events.
- **Agricultural Crown Land Modernization:** Continued to implement modernization in administration of the program with the goal of making **ACL** more available to establishing or expanding operations, and contributing to growth in the livestock industry.
 - **ACL Program:** Farm Production Extension Specialists provided 54 informal Animal Unit Month (AUM) reviews (feed carry capacity for livestock). Administered 1,920 leases for 1,800 clients; 138 renewals; eight cancellations for non payments; one cancellation for non-performance, one appeal presented to the Tribunal.
 - **ACL Auction:** AUM reviews were completed for 149 leases. Completed the Treaty Land Entitlement process for 225 parcels with six First Nations. Allocated 37,901 forage acres for 15 year terms, equating to 15,880 Animal Unit Months of feed, and a total of 1,964 cropping acres for five year terms.
- **New CAP Market Development Focus Area:** Potentially hazardous foods require special processes, handling, and testing equipment and methods, and present a financial burden for artisanal food processors. The department developed a new focus area, food **safety** process and product validation for the CAP Ag Action Manitoba's market development activity program area. The program provided incremental support to small-scale agri-processors involved with producing a high-risk food. Five of the 15 market development projects recommended for funding accessed this new focus area.

- **Pricing Support Services for Business:** Profitability is key to the sustainability of a new business. Increasing the number of businesses receiving business development training and increasing interactive tools will contribute to their long-term success. In 2021/22, the department assisted 18 clients with calculating cost of goods and setting wholesale and retail pricing for success in the marketplace, and six food-processing clients with the process of requesting and justifying necessary price increases with corporate grocery chains. A combination of the pandemic and world events resulted in the inflation of ingredient, packaging, and transportation inputs. Corporate retailers require extensive documentation and justification, a requirement that is often beyond the skill level of clients to provide without assistance.

Performance Measures

Measure	Baseline	2021/22 Actual
9.a. Achieve a target number of client interactions	^a 1,577,157 ^b 2,915 ^c 13,716	^a 762,352 ^b 3,570 ^c 12,177

9.a. Achieve a target number of client interactions: This measure accounts for the number of interactions with clients, including website visits, newsletter subscriptions and Twitter interactions. The department targets a five per cent increase annually. The 2019/20 data reflects website visits that include Fisheries, Wildlife, Mines, Forestry, and Water Resources. The 2021/22 website visits are strictly Agriculture page visits. The numbers in the table above represent ^awebsite visits, ^bexternal newsletter subscribers and ^ctwitter engagements respectively. This performance measure was reported as Client Connections in the MES and had since been renamed.

10. Build our capacity to deliver

Key Initiatives

- **2021 AgriRecovery Drought Assistance Delivery:** Multiple steps were taken to support responsive, efficient, and **accessible** program design and delivery. Assessment of past forage shortfall programs identified lessons learned to support timely processing. Immediate availability of applications, guidebooks, web pages, and factsheets occurred with each program announcement, with front line staff trained and providing resources to respond to client inquiries. Three infographics and five YouTube videos provided program details, with over 3.5K video views. Formatted web pages highlighted the most ‘in demand’ information: program changes, application forms, and payment calculations. Print and radio ads combined with weekly tweets increased program awareness, and program factsheets reached over 7K MASC clients. The MBP e-newsletter distributed program information on a weekly basis.
- **Internal Auditing Program:** Developed an internal audit program including documentation and onsite evaluations for processing and abattoir **inspections**.
 - Completed 18 processing documentation audits in 2021/22. Onsite audits will begin in 2022/23.
 - Completed documentation review for all 25 abattoirs
- **Quality Assurance Program:** Development, review and updating of inspection policies, protocols and training programs is ongoing. Quality assurance system documentation is regularly developed and revised to ensure continuous system improvement.
 - Updated or created and implemented nine protocols/job aids to guide inspection activities and technology usage.
 - Drafted 20 additional policies/protocols currently in the review process that are anticipated to be completed and implemented in the next fiscal year.
 - Developed a document management system to track current version and historical policies and procedures and assign and track document readership is completed with all users trained.
- **Improve Internal Processes:** Designing, streamlining, and implementing more internal processes will allow Food Development Centre (FDC) to streamline operations effectively and efficiently. Nine internal documents were improved and two internal

processes were enhanced improving efficiency and client service delivery. An external consultant was retained to develop a financial model to assess costing options for FDC services. This process is ongoing in 2022/23 with the intended outcome of improving eight more internal process and reviewing two cost recovery options.

Performance Measures

Measure	Baseline	2021/22 Actual
10.a. Percentage of staff actively engaged in performance development discussions	New Measure	New Measure

10. a. Percentage of staff actively engaged in performance development discussions: This measure accounts for the number of regular, full-time staff that have completed performance development discussions relative to the number of regular, full-time staff in the department. This is a new measure and data will be collected this year to establish a baseline and target. This performance measure was reported as Capacity Index in the MES and had since been discontinued.

11. Advance inclusion

Key Initiatives

- Researching Needs of Women Entrepreneurs:** Improving the relevance of the Value Added branch area’s services to female entrepreneurs contributes to an increased usage of the branch’s services, and ultimately to the success of women entrepreneurs. The department hired a Manitoba-based consultant to conduct primary research through interviews and focus groups, and to **assess** the skill development needs of women entrepreneurs working in the food development sector in the province. Interviews engaged female food entrepreneurs and a variety of food sector partners. Next steps involve the completion of an analysis to identify insights and recommendations related to skill development needs as identified in the research, and include, but is not limited to business acumen, communication skills and financial literacy.
- Advance Inclusion:** Increased access to Value Added branch services to female and visible minority owned businesses contributes to ensuring the demographic makeup of branch clients are consistent with Manitoba’s population. The Value Added branch contributes to advancing inclusion by actively working with women-owned and visible minority-owned businesses. In 2021/22, **35.5** per cent of the business development unit’s new clients were new or existing businesses that were 100 per cent women-owned. The number rises to almost 39 per cent when considering jointly female-male owned businesses; 15.6 per cent of new clients belonged to a visible minority and 5.1 per cent of clients were members of both a visible minority, and women-owned.
- French Translation of Resources:** Recognizing the language needs of Francophone or bilingual Manitobans will contribute to increased inclusion and client access to **department** services. Eleven branch resources were translated and available in French. This includes seven existing resources and four new resources developed. The Pathways resource is being translated to French simultaneously as content is developed. Next steps are to continue to translate all existing and new resources to the point where French language resources are available on a mirrored French pathways site.

Performance Measures

Measure	Baseline	2021/22 Actual
11.a. Percentage of department employees who have completed mandatory diversity and inclusion training	New Measure	New Measure

11. a. Percentage of department employees who have completed mandatory diversity and inclusion training: This measure captures the percentage of department employees who took mandatory diversity and inclusion training offered through the Public Service Commission. The assumption is that employees will implement course learning through their work, supporting inclusive workplaces. A 90 per cent completion rate was identified as a reasonable target for this measure. This is a new measure and data will be collected this year to establish a baseline and target. This performance measure was reported as Diversity and Inclusion Index in the MES and had since been discontinued.

12. Strengthen respect in our workplaces

Key Initiatives

Employee Engagement Focus Groups Project: The Employee Engagement Focus group project was a deeper dive into Employee Perspectives Survey results through a series of seven focus groups. Feedback during these sessions provided valuable insight and direction to the department Employee Engagement Team to develop recommendations and action items.

Mandatory Training: Ensured public servants complied with mandatory training requirements that encouraged and promoted respectful workplace cooperation and support.

Performance Measures

Measure	Baseline	2021/22 Actual
12.a Percentage of department employees who have completed mandatory respectful workplace training	New Measure	New Measure

12.a. Percentage of department employees who completed mandatory respectful workplace training: This measure captures the percentage of department employees completing the mandatory respectful workplace training offered through the Public Service Commission. Completion of training is now an annual requirement, and employees have until the end of the fiscal year 2022/23 to finish the updated course, at which time data will be available to assess progress on this measure. The assumption is that employees will implement course learning through their work, supporting inclusive and respectful workplaces. A 90 per cent completion rate was identified as a reasonable target for this measure. This performance measure was reported as the Respectful Workplace Index in the MES and had since been discontinued.

Other Performance Measures:

Manitoba’s Public Service Commission reports on the whole of government results from the Employee Perspectives Program engagement survey on an annual basis. As a result, the department has replaced the following measures:

Capacity Index replaced with 10.a. Percentage of staff actively engaged in performance development discussions.

Diversity and Inclusion Index replaced with 11.a. Percentage of department employees who have completed mandatory diversity and inclusion training.

Respectful Workplace Index replaced with 12.a Percentage of department employees who have completed mandatory respectful workplace training.

Value for Money – Protecting Manitoba’s Bottom Line

13. Provide value for money

Key Initiatives

- **Video Ante-Mortem and Cold Carcass Inspection Pilots:** Resumed the video anti-mortem and cold carcass inspection pilots that were paused in March 2020 due to COVID-19.
 - Initiated a pilot project on video ante-mortem inspection. Reviewed recorded and streamed videos in seven low processing volume abattoirs to assess the possibility of remote ante-mortem inspection. Recommendations on implementation were developed.
 - The department reviewed the feasibility of cold carcass inspection as an alternative to traditional meat inspection in seven low processing volume abattoirs. Recommendations on implementation of this inspection approach were developed.
 - Pilot validation is ongoing. Training for abattoir operators and inspectors to take place in 2022/23.
- **Meet Revenue Target:** A financial modelling tool completed for the Food Development Centre operations and services provided various cost recovery scenarios for fee for service projects. The modelling will assist in planning future fee for service rates. The next steps include selecting a modelling option and continuing fee for service activities to meet the forecasted revenue target.

Performance Measures

Measure	Baseline	2021/22 Actual
13.a. Work within the capital budget	80%	79%

13.a. Work within the capital budget: This measure accounts for actual capital investment as published in the public accounts or annual reports, compared to the published capital budget. This measure reports on the per cent deviation from capital investment from the budget (this could include both Part B capital and Capital Grants). Overall the department remained within budget utilizing 79 per cent of the capital budget which includes funding for Part B and Capital Grants. Delays in equipment purchases due to supply chain issues led to Part B coming in significantly under budget. Part B results were offset by Capital Grant expenditures for the Sustainable Agriculture Incentives Program and Ag Society Infrastructure grants coming in just under budget.

14. Increase accountability

Key Initiatives

- **Front Line Client Service:** Front line staff at Agriculture and MASC Services Centres were trained to assist in responding and directing calls from producers regarding programs, services, and issues. Training, speaking points, and referral lists were provided on AgriRecovery Drought Assistance programs. Four staff webinars provided details of drought program announcements and updates. Further training on department programs and resources will be provided in 2022/23. The training and resources help provide clients with clear and accurate answers to their questions in a timely manner.
- **Operational Collaboration with CFIA:** Streamline regulatory oversight activities with the Federal Government to reduce the regulatory burden for stakeholders and to better utilize resources. Ongoing bilateral operational meetings between the Food Safety and Inspection branch and CFIA to discuss inspection activities and streamline resource allocation.
- **Programs and Services Review:** Implemented a new process featuring resources to assist business areas in streamlining processes to become more agile and efficient. Projects selected in the initial stages of review will result in improved program and service delivery and continuous improvement.

Performance Measures

Measure	Baseline	2021/22 Actual
14.a. Achieve a target number of programs and services reviewed	3	3

14.a. Achieve a target number of programs and services reviewed: This measure accounts for the total number of programs and service reviews completed annually, ensuring value-for-money. Data is reflective of an action plan developed by Manitoba Animal Disease Preparedness in response to OAG recommendations; Land Survey Services' request for an intake Process Project that included a review conducted by Survey Services resulting in recommendations. Programs and Permits Administration reviewed current mining exploration permitting process, and developed a single window process for mining permitting. The activities noted have moved to the department of Natural Resources and Northern Development (NRND).

15. Balance the budget

Key Initiatives

- **Manage resources within approved authority:** Through ongoing reporting, monitoring and effective resource utilization the department **allocated** resources and prioritized operational spending within the approved operating budget. Monitoring efforts throughout the year allowed the department to forecast and manage expenditures within existing resources ensuring that the approved budget was utilized as planned. These efforts ensure funding pressures are identified and resources allocated to support priorities within approved resource levels.

Performance Measures

Measure	Baseline	2021/22 Actual
15.a. Work within the operating budget	95%	88%

15.a. Work within the operating budget: This measure accounts for actual operating expenditures as published in the public account or annual report, compared to published operating budget. It reports the deviation from department's operating budget or percentage of the department's operating budget spent (excluding emergency expenditures). Operating expenditures for the fiscal year were maintained within budget, the department finished the year at \$163,576 or 88 per cent of budget. Results were driven by lower expenditures for the Farmland School Tax Rebate due to the phase out of the education property tax and a reduction in loan provisions due in part to the contraction of the loan portfolio. In addition the department experienced lower operating costs as a result of staff vacancies and lower activity levels due to COVID-19.

16. Reduce operation costs

Key Initiatives

- **Increase Online Client Resources:** Increasing the number of client resources available online will decrease the cost and environmental impact associated with printing and distributing paper resources. The branch increased the number of online processes and client-industry supports by updating four directories, adding four new trade guides, three new marketing guides, two food cost and pricing interactive tools, and one new food safety guide. This ongoing project will continue with the intended outcome of creating additional online client resources.
- **Industry Leadership Resources:** Developed and launched eight new online resources to support industry leadership and organizational management capacity, allow for self-service by clients and reduce printing costs through online delivery.

- **Digital Subscription Library:** Created an inventory of all subscriptions including market reports, newspapers, and magazines, and identified those that were duplicate. Created an internal site to create awareness of online subscriptions available and how to access them. This initiative improved access to subscriptions for departmental employees and allowed for savings by avoiding duplicate subscriptions.
- **Virtual Engagements and Events:** Utilized virtual platforms to deliver engagements, meetings, and events. Virtual events are more accessible and efficient for attendees, allowing them to attend without travel. They offer more value and flexibility allowing attendees to browse content at their own pace and attend the topic of their choosing. Cost savings are significant for virtual events as they have no travel costs and no physical venue costs.

Performance Measures

Measure	Baseline	2021/22 Actual
16.a. Reduce the number of paper packages consumed by the department annually	2,130	1,257

16.a. Reduce the number of paper packages consumed by department annually: This measure accounts for the reduction in the number of paper packages consumed by the department annually. Reducing unnecessary paper usage in government is a significant initiative that will reduce expense and waste and contribute to sustainability. The amount of paper used is a lead indicator for unnecessary paper-related operating expenditure. The target is based on the Federal Government’s 6 per cent reduction annually in paper consumption. The department saw a 40% reduction in paper consumption compared to the baseline primarily driven by staff working from home due to COVID-19. This performance measure was reported as Paper Reduction in the MES and had since been renamed.

FINANCIAL DETAILS

Consolidated Actual Expenditures

This table includes the expenditures of the department and Other Reporting Entities that are accountable to the Minister and aligns to the Summary Budget.

Manitoba Agriculture includes the following OREs:

- Manitoba Agricultural Services Corporation

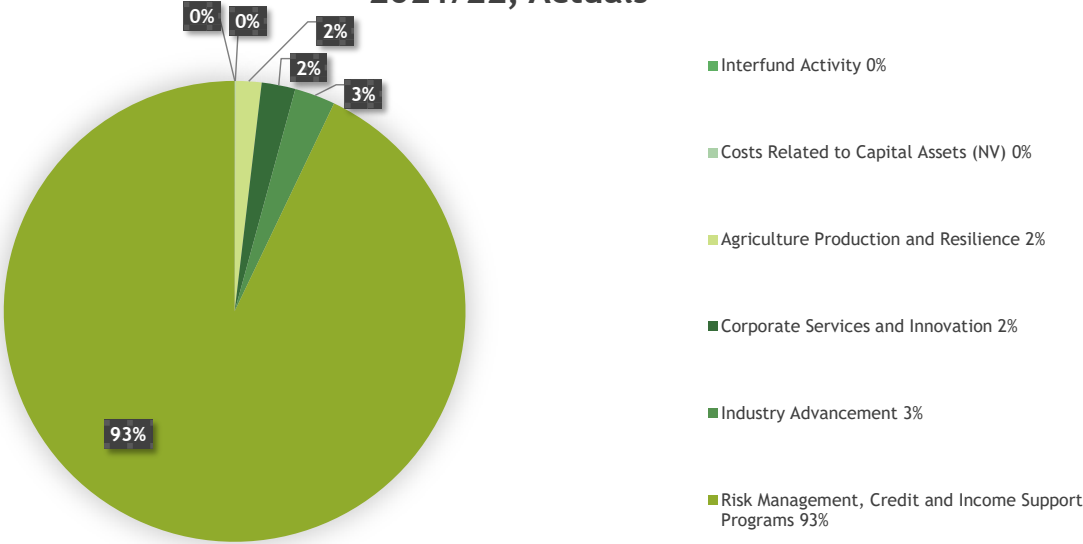
Consolidated Actual Expenditures

For the fiscal year ended March 31, 2022 with comparative figures for the previous fiscal year (\$000s)

Main Appropriations	Part A - Operating	Other Reporting Entities	Consolidation, and Other Adjustments	2021/22 Actual	2020/21 Actual
Corporate Services and Innovation	15,208			15,208	13,533
Risk Management, Credit and Income Support Programs	117,969	685,739	(204,718)	598,990	196,755
Industry Advancement	18,395			18,395	18,912
Agriculture Production and Resilience	11,627			11,627	67,147
Costs Related to Capital Assets (NV)	377			377	1,538
Interfund Activity	-		94	94	3,384
TOTAL	163,576	685,739	(204,624)	644,691	301,269

NV – Non-Voted

Percentage Distribution of Consolidated Actual Expenditures by Operating Appropriation, 2021/22, Actuals



Summary of Authority

Detailed Summary of Authority by Appropriation (\$000s)

Detailed Summary of Authority	2021/22 Printed Estimates	In-Year Re- organization	Virement	Enabling Authority	Authority 2021/22	Supplementary Estimates
Part A – OPERATING (Sums to be Voted)						
Corporate Services and Innovation		19,383	-	-	19,383	-
Risk Management, Credit and Income Support Programs	132,852	-	-	-	132,852	-
Industry Advancement		19,370	-	-	19,370	-
Agriculture Production and Resilience		13,654	-	-	13,654	-
Administration and Finance	7,034	(7,034)	-	-	-	-
Policy and Transformation	13,087	(13,087)	-	-	-	-
Stewardship and Assurance	18,007	(18,007)	-	-	-	-
Production and Economic Development	18,067	(18,067)	-	-	-	-
Water Stewardship and Biodiversity	53,243	(53,243)	-	-	-	-
Resource Development	14,163	(14,163)	-	-	-	-
Subtotal	256,453	(71,194)	-	-	185,259	-
Part A – OPERATING (Non-Voted)	1,035	-	-	-	1,035	-
TOTAL PART A - OPERATING	257,488	(71,194)	-	-	186,294	-
Part B – CAPITAL INVESTMENT	950	(450)	-	-	500	-
Part C – LOANS AND GUARANTEES	243,100	-	-	-	243,100	-
Part D – GOVERNMENT REPORTING ORGANIZATION CAPITAL INVESTMENT	-	-	-	-	-	-

Part A – OPERATING	2021/22 Authority \$ (000's)
2021/22 MAIN ESTIMATES – PART A	257,488
Allocation of funds to:	-
Sub-total	-
In-year re-organization to:	
Environment, Climate and Parks	(12,554)
Natural Resources and Northern Development	(58,640)
Sub-total	(71,194)
2021/22 Authority	186,294

Part B – Capital Investment	2021/22 Authority \$ (000's)
2021/22 MAIN ESTIMATES – PART B	950
Allocation of funds from:	-
Sub-total	-
In-year re-organization to:	
Natural Resources and Northern Development	(450)
Sub-total	(450)
2021/22 Authority	500

Part C – Loans and Guarantees	2021/22 Authority \$ (000's)
2021/22 MAIN ESTIMATES – PART C	243,100
In-year re-organization from:	-
Sub-total	-
2021/22 Authority	243,100



Part A: Expenditure Summary by Appropriation

Departmental Actual Expenditures

For the fiscal year ended March 31, 2022 with comparative figures for the previous fiscal year (\$000s)

Authority 2021/22	Appropriation	Actual 2021/22	Actual 2020/21	Increase (Decrease)	Explanation Number
03-1 Corporate Services and Innovation					
43	(a) Minister's Salary	43	42	1	
	(b) Executive Support				
903	Salaries and Employee Benefits	903	815	88	
80	Other Expenditures	57	59	(2)	
	(c) Financial and Administrative Services				
2,392	Salaries and Employee Benefits	2,334	2,090	244	
595	Other Expenditures	320	234	86	
	(d) Policy and Legislation				
2,330	Salaries and Employee Benefits	1,675	1,669	6	
935	Other Expenditures	310	179	131	
1,119	Grant Assistance	1,119	1,115	4	
	(e) Transformation				
4,036	Salaries and Employee Benefits	3,456	4,068	(612)	
1,008	Other Expenditures	556	739	(183)	
	(f) Programs and Permits Administration				
2,303	Salaries and Employee Benefits	1,698	857	841	
639	Other Expenditures	189	178	11	
3,000	Grant Assistance	2,548	2,511	37	
19,383	Subtotal 03-1	15,208	14,556	652	
03-2 Risk Management, Credit and Income Support Programs					
	(a) Manitoba Agricultural Services Corporation and Lending Costs				
14,294	Grant Assistance	4,812	11,823	(7,011)	1
	(b) AgriInsurance				
53,856	Grant Assistance	53,856	48,430	5,426	2
	(c) Wildlife Damage Compensation				
4,118	Grant Assistance	3,809	3,128	681	
	(d) Less Recoverable: Interest from Lending				
(16,400)	Grant Assistance	(11,966)	(14,126)	2,160	3
	(e) AgriStability				
20,792	Grant Assistance	20,792	14,274	6,518	4
	(f) AgriInvest				
15,280	Grant Assistance	15,280	12,939	2,341	5
	(g) Farmland School Tax Rebate				
40,412	Grant Assistance	31,386	47,004	(15,618)	6
	(h) Animal Health and Welfare: Emergency Response and Preparedness				
500	Other Expenditures	-	-	-	
132,852	Subtotal 03-2	117,969	123,472	(5,503)	

Authority 2021/22	Appropriation	Actual 2021/22	Actual 2020/21	Increase (Decrease)	Explanation Number
03-3 Industry Advancement					
	(a) Industry Development				
2,422	Salaries and Employee Benefits	2,299	2,005	294	
645	Other Expenditures	359	347	12	
751	Grant Assistance	645	1,547	(902)	
	(b) Value Added				
1,969	Salaries and Employee Benefits	1,919	1,164	755	
1,050	Other Expenditures	984	186	798	
	(c) Food Safety and Inspection				
2,593	Salaries and Employee Benefits	2,563	2,420	143	
532	Other Expenditures	450	482	(32)	
	(d) Animal Health and Welfare				
5,481	Salaries and Employee Benefits	5,252	5,047	205	
3,763	Other Expenditures	3,761	3,031	730	
164	Grant Assistance	163	13	150	
19,370	Subtotal 03-3	18,395	16,242	2,153	
03-4 Agriculture Production and Resilience					
	(a) Land Use and Ecosystem Resilience				
3,651	Salaries and Employee Benefits	3,255	3,717	(462)	
1,576	Other Expenditures	768	908	(140)	
	(b) Primary Agriculture				
6,145	Salaries and Employee Benefits	5,586	5,639	(53)	
1,094	Other Expenditures	831	664	167	
1,188	Grant Assistance	1,187	1,207	(20)	
	(c) Sustainable Agriculture Incentives Program				
1,500	Grant Assistance	1,484	819	665	
	(d) Less: Recoverable from other appropriations				
(1,500)	Grant Assistance	(1,484)	(819)	(665)	
13,654	Subtotal 03-4	11,627	12,135	(508)	
03-5 Costs Related to Capital Assets					
	(a) Costs Related to Capital Assets				
1,035	Amortization Expense	377	745	(368)	
1,035	Subtotal 03-5	377	745	(368)	
186,294	Total Expenditures	163,576	167,150	(3,574)	

Explanations:

1. Decrease in insurance and lending administration expenses is due to: recovery of loan loss provisions from contraction of loan portfolio and recovery of loan guarantee provisions; partially offset by higher administration costs due to increase in claims processed in the year.
2. Increase in AgriInsurance premiums due to increase in actual insured acres, due to favourable seeding conditions.
3. The decrease in net interest from lending is primarily due to a contraction in the lending portfolio.
4. The increase is driven by projected costs related to the excessive heat and dry conditions experienced during the summer of 2021, partially offset by the Canada-Manitoba Finished Cattle Feed Assistance program in 2020/21.
5. The increase is due to higher anticipated payments partially offset by prior year adjustments.
6. The decrease is due to the compensation rate and maximum rebate decreasing, as a result of the implementation of the Education Property Tax Rebate in 2021.

Overview of Capital Investments and Loans Activity

Part B – Capital Investment	2021/22 Actual	2021/22 Authority	Variance Over/(Under)	Expl.
	\$(000s)	\$(000s)	\$(000s)	
Provides for the acquisition of equipment.				
General Assets	101	500	(399)	1

1. The decrease is due to a delay in one of the larger projects as well as supply chain issues.

Part C – Loans and Guarantees	2021/22 Actual	2021/22 Authority	Variance Over/(Under)	Expl.
	\$(000s)	\$(000s)	\$(000s)	
Provides borrowing authority for non-budgetary capital and operating investment requirements.				
Manitoba Agricultural Services Corporation	169,679	243,100	(73,421)	1

1. The variance is primarily due to lower than anticipated loan disbursements in 2020/21 and higher than anticipated loan repayments prior to the end of their terms in both 2020/21 and 2021/22.

Revenue Summary by Source

Departmental Actual Revenue

For the fiscal year ended March 31, 2022 with comparative figures for the previous fiscal year (\$000s)

Actual 2020/21	Actual 2021/22	Increase (Decrease)	Expl. No.	Source	Actual 2021/22	Estimate 2021/22	Variance Over/(Under)	Expl. No.
Taxation								
-	-	-			-	-	-	
-	-	-		Subtotal	-	-	-	
Other Revenue								
5,978	6,894	916	1	a Fees	6,894	7,432	(538)	
17	8	(9)		b GeoManitoba Fees and Sundry	8	21	(13)	
1,060	1,445	385	2	c Sundry	1,445	1,798	(353)	
7,055	8,347	1,292		Subtotal	8,347	9,251	(904)	
Government of Canada								
28	25	(3)		Agricultural Income Stabilization Administration Recovery	25	50	(25)	
-	102	102	3	Regional Collaborative Partnership Program	102	417	(315)	5
-	29,094	29,094	4	Manitoba AgriRecovery Drought Assistance Program	29,094	-	29,094	4
28	29,221	29,193		Subtotal	29,221	467	28,754	
7,083	37,568	30,485		Total Revenue	37,568	9,718	27,850	

Explanations:

1. The increase is mainly the result of the one time decrease in 2020/21 for Agricultural Crown Lands Leases and Permits due to rent relief to legacy lease and permit holders located in municipalities who declared a Local State of Agricultural Emergency in 2019 due to drought conditions and the transition to the new program. The increase is also the result of increased testing at the Veterinary Diagnostic Services Lab.
2. The increase is primarily due to the full year recovery of costs associated with the Canadian Agricultural Partnership Administration and AgWeather programs and the transition of the Food Development Centre to a unit within the department, partially offset by the recovery for administering the 2020 Finished Cattle Feed Assistance Program.
3. The variance is the result of the Regional Collaborative Partnership program established to assist in engagement with First Nations communities to support agricultural development programs.
4. The variance is due to the Canada-Manitoba AgriRecovery Drought Assistance Program.
5. The variance is a result of the extension of the Regional Collaborative project to 2022/23.

Departmental Program and Financial Operating Information

Corporate Services and Innovation

Main Appropriation Description

Supports the department to achieve its goals through planning, financial administration, policy and legislation development, information technology, and the coordination of programs, permits and licensing.

MINISTER'S SALARY – 1A

Sub-Appropriation Description

Provides for the additional compensation an individual appointed to the Executive Council is entitled to.

1 (a) Minister's Salary

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$ (000s)	Over/(Under)	
	\$ (000s)			\$ (000s)	
Salaries and Employee Benefits	43	1.00	43	-	
Total Sub-Appropriation	43	1.00	43	-	

EXECUTIVE SUPPORT – 1B

Sub-Appropriation Description

Provides effective leadership in achieving the department's vision, mission, goals and priorities.

Key Results Achieved

- Allocated and utilized departmental resources in line with government policies and priorities; and the Minister's Mandate.

1 (b) Executive Support

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Salaries and Employee Benefits	903	11.00	903	-	
Other Expenditures	57	-	80	(23)	
Total Sub-Appropriation	960	11.00	983	(23)	

FINANCIAL AND ADMINISTRATIVE SERVICES – 1C

Sub-Appropriation Description

Leads the department's comptrollership function and advances financial, administrative, resource planning and risk management functions.

Key Results Achieved

- Completed restructuring of the department while providing support to ECP and NRND to facilitate the transition.
- Performed analysis to support quarterly and year-end reporting and forecasting to support effective decision making, monitoring of expenditures and audit responses.
- Reviewed and updated departmental delegated authorities and the departmental Comptrollership Plan.
- Conducted a review of office space requirements including the process and tracking of space requests and linking floor plans to assigned offices.
- Increased staff capacity through the provision of training and development opportunities.

1 (c) Financial and Administrative Services

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Salaries and Employee Benefits	2,334	32.00	2,392	(58)	
Other Expenditures	320	-	595	(275)	
Total Sub-Appropriation	2,654	32.00	2,987	(333)	

POLICY AND LEGISLATION – 1D

Sub-Appropriation Description

Fosters science-based policy analysis and development, effective program development and delivery, relative to government priorities, and appropriate legislative and regulatory reform.

Key Results Achieved

- Supported the minister for international events such as U.S Legislative Agriculture Chairs Summit and the TriNational Agriculture Accord.
- Developed a Drought Assistance Program for livestock producers, together with industry and the Federal government.

1 (d) Policy and Legislation

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$ (000s)	Over/(Under)	
	\$ (000s)			\$ (000s)	
Salaries and Employee Benefits	1,675	25.00	2,330	(655)	1
Other Expenditures	310	-	935	(625)	2
Grant Assistance	1,119	-	1,119	-	
Total Sub-Appropriation	3,104	25.00	4,384	(1,280)	

Explanation(s):

1. The variance is primarily due to vacancies and voluntary reduced workweek savings, partially offset by severance/vacation payouts.
2. The variance is primarily due to the extension of the Regional Collaborative Partnership Program to 2022/23, expenditure management measures, lower costs due to vacancies and reduced travel and other activities due to COVID-19.

TRANSFORMATION – 1E

Sub-Appropriation Description

Creates the environment that enables the department to achieve its strategic direction and to ensure that industry-leading knowledge and technology solutions are available to effectively inform government policies, deliver client programs and engage the public.

Key Results Achieved

- Maintained the Human Resources Position Description Library. The library is a repository used to complement central government's classification modernization project, and is used as a tool during performance development conversations.
- Launched the department's refreshed intranet site, an internal communication tool featuring online meeting resources, service and innovation materials, including Indigenous learning resources and engagement information.
- Achieved initiatives of the Manitoba Government Accessibility Plan 2020 to 2022 through awareness activities, communications, and collaboration with the Accessibility Committee and the newly established Accessibility Working Group.
- Implemented and circulated process improvement tools, resources and training to support the Transformation Strategy commitment to continuous improvement.
- Launched an employee exit process to resolve inventory and security concerns, and to improve communication and engagement during staff departure.
- Developed and circulated virtual and online meeting tools, resources and guidelines for improved facilitation and coordination of virtual and hybrid events.
- Initiated an Indigenous Relations recommendation and gap analysis to address opportunities to improve Indigenous engagement, build capacity within the department, and to meet commitments identified within the Throne Speech.
- Facilitated and continued Balanced Scorecard (BSC) cascading efforts from division to branch level, including capacity development in completing data dictionaries at the management level, and continued to use BSC as a strategy management, performance management and communication tool.
- Supported divisions and branches in developing performance measures and the configuration of the scorecard software.
- Coordinated and facilitated three staff onboarding events, with a total of 101 participants, promoting employee engagement, communication and integration of new employees into the department.
- Established a departmental Business Continuity Planning steering committee to oversee departmental operational continuity in the event of disruption, and to mitigate risk.
- Managed the departmental Twitter channel with 773 tweets and 589,490 tweet impressions.
- Received and assisted with over 5K client calls on the Agriculture general enquiries toll-free phone line.
- Increased the number of YouTube subscribers to 147 for a total of 548 subscribers with 19.3K views and 2.4K watch hours.
- Held 106 webinar sessions with 4,025 attendees.
- Participated in the Agriculture Service Centre project to support Agriculture's new service delivery model. Conducted 40 capacity building sessions in conjunction with this project to increase staff knowledge to care for client's needs.
- Coordinated three Deputy Minister Townhall webinars and released 27 issues of the internal staff e-newsletter "Lay of the Land".
- Coordinated a third annual staff photo contest with 87 entries. Submitted content was added to the Agriculture Photo Library.
- Developed and delivered a series of Employee Engagement focus groups, using feedback to develop implementable recommendations for improved engagement and a refreshed employee engagement strategy. Key areas addressed include communication, transparency, staffing, staff recognition, and skills development.
- Completed seven rounds of Coffee Chat with over 100 participants, allowing staff to strengthen connections and find opportunities to collaborate.

- Provided communications and editing support and guidance for over 345 internal ministerial requests related to key issues in Manitoba’s agricultural community, including delivery of speaking notes, proclamations and internal and external correspondence, and related informational materials.
- Responded to and coordinated 181 French Language Service requests including web pages, publications, reports, advertising and informational materials.
- Supported and promoted ongoing French Language Training for department employees, in collaboration with the Francophone Affairs Secretariat.
- Prepared the Annual Report on French Language Services, and updated the Multi-Year Strategic French Language Services Plan in consultation with the Francophone Affairs Secretariat.
- Supported program areas by providing engagement expertise and support for the planning and delivery of department engagement projects that engage stakeholders in decision-making.
- Completed two project proposals: the analysis and dissemination of 2021 Census of agriculture data-driven insights, and the assessment of the economic impact of the 2021 drought on Manitoba’s agri-food sector.
- Completed two economic reports that provide information on the contribution of a sector to the provincial economy (share of Gross Domestic Product, employment, sector growth). The reports improve understanding of economic impacts of the agriculture sector.
- Initiated the business continuity review to enhance resiliency by ensuring plans are established to mitigate business disruptions. This project that will continue in 2022/23 with the intended outcome to finalize plans for the department.
- Implemented and circulated process improvement tools, resources, and training to support the Transformation Strategy and its commitment to continuous improvement.
- Finalized and signed a data sharing agreement with Statistics Canada, which will provide access to granular survey data and allow for more in-depth analysis for internal and external clients.
- Launched an improved process to resolve inventory and security concerns, and to improve communication and engagement during a staff departure.
- Developed and circulated virtual and online meeting tools, resources, and guidelines for improved facilitation and coordination of virtual and hybrid events.
- Promoted policies that address social inequalities through shared information and encouragement in Agriculture's public servant e-newsletter, “Lay of the Land”, and through the planning of public engagement.

1 (e) Transformation

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$ (000s)	Over/(Under)	
	\$ (000s)			\$ (000s)	
Salaries and Employee Benefits	3,456	45.50	4,036	(580)	1
Other Expenditures	556	-	1,008	(452)	2
Total Sub-Appropriation	4,012	45.50	5,044	(1,032)	

Explanation(s):

1. The variance is primarily due to vacancies and voluntary reduced workweek savings, partially offset by severance/vacation payouts.
2. The variance is primarily due to expenditure management measures, lower costs due to vacancies and reduced travel and other activities due to COVID-19.

PROGRAMS AND PERMITS ADMINISTRATION – 1F

Sub-Appropriation Description

Leads the administration of permits, licences, and the federal-provincial Canadian Agricultural Partnership CAP- Ag Action Manitoba program.

Key Results Achieved

- Processed 785 CAP-Ag Action Manitoba, and 4,934 AgriRecovery Drought Assistance claims for payment.
- Provided administrative support to the Controlled Crop Residue Burning Program.

1 (f) Programs and Permits Administration

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Salaries and Employee Benefits	1,698	34.00	2,303	(605)	1
Other Expenditures	189	-	639	(450)	2
Grant Assistance	2,548	-	3,000	(452)	3
Total Sub-Appropriation	4,435	34.00	5,942	(1,507)	

Explanation(s):

1. The variance is primarily due to vacancies and voluntary reduced workweek savings, partially offset by severance/vacation payouts.
2. The variance is primarily due to lower Bilateral Program administration charges, expenditure management measures, lower costs due to vacancies and reduced travel and other activities due to COVID-19.
3. The variance is primarily due to projects being extended to 2022/23.

Risk Management, Credit and Income Support Programs

Main Appropriation Description

Support the sustainability of agriculture in Manitoba by providing unique risk management solutions, targeted lending products and other land-based programs.

MANITOBA AGRICULTURAL SERVICES CORPORATION ADMINISTRATION AND LENDING COSTS – 2A

Sub-Appropriation Description

Oversees administration of all Manitoba Agriculture Services Corporation (MASC) lending and loan guarantee programs plus the provincial share of AgriInsurance and Livestock Price Insurance program administration.

Key Results Achieved

- Administered the AgriInsurance program, insuring \$3.4B of AgriInsurance liability, and covering 9.8M acres and 7,668 farm operations.
- Offered unsubsidized Hail Insurance for crops, providing \$1,121.3M of Hail Insurance liability, and covering \$3.9M acres and 3,288 farm operations.
- Administered the Wildlife Damage Compensation program, providing \$7.3M in wildlife damage compensation.
- Administered the Young Farmer Crop Plan Credit program, providing AgriInsurance premium rebates totalling \$3.6K under the Young Farmer Crop Plan Credit program.
- Administered the Livestock Price Insurance program, insuring \$18.9M of liability, and covering 13,291 animals.
- Made direct loans available for land purchases and other farming activity, including the purchase/retention of calves and feeder cattle, providing \$148.7M in new loans through the Direct Loan program, including \$30.2M for the purchase/retention of feeder cattle.
- Provided guarantee on agricultural loans made by the private sector, facilitating \$83.7M in private sector loans to farmers, and providing \$20.9M in loan guarantees, which included: \$38.6M in loans (facilitated by \$9.7M in guarantees) to cattle producers through the Manitoba Livestock Associations Loan Guarantee program; \$15.3M of loans (facilitated by \$3.8M in guarantees) through the Diversification Loan Guarantee program; and \$29.8M in operating loans (facilitated by \$7.5M in guarantees) through the Operating Credit Guarantees for Agriculture program.
- Provided an increase of interest reductions to young farmers, delivering \$1.2M in rebates under the Young Farmer Rebate program.
- Provided rebates of the school taxes on farmland, administering \$29.5M in school tax rebates to 22,357 Manitoba farmland owners as of March 31, 2022. \$2.5M in expected rebates remained to be paid after March 31, 2022, bringing the total to \$32M.
- Provided record indemnities of \$590.0M for the AgriInsurance program to producers who experienced significant declines in yields as Manitoba weathered the most severe drought conditions in decades.
- Consulted with 15 Manitoba-based producer groups in the spring of 2021. Additional meetings are held throughout the year with industry leaders to engage stakeholders within the agricultural industry.
- Leveraged technology to reduce travel expenses by \$228.0.
- Invested in modernization of insurance programs of \$1.5M to improve claims processing and efficiently leveraging adjusting time and expenses.

2 (a) Manitoba Agricultural Services Corporation and Lending Costs

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Grant Assistance	4,812	-	14,294	(9,482)	1
Total Sub-Appropriation	4,812	-	14,294	(9,482)	

Explanation(s):

1. The primary causes of the decrease in administration and lending expenses were due to: review of provision for Loan Guarantees resulting in loan guarantee recoveries, a decrease in provision for impaired direct loans due to contraction of the loan portfolio, and a decrease in costs of Young Farmer incentive programs mainly due to a decrease in loan activity.

AGRIINSURANCE – 2B

Sub-Appropriation Description

Provides Manitoba’s share of AgrilInsurance premiums under the cost sharing arrangement outlined in the Canadian Agricultural Partnership (CAP). AgrilInsurance stabilizes producers’ incomes by minimizing the economic impacts of crop production shortfalls and quality losses caused by natural perils.

2 (b) AgrilInsurance

Expenditures by Sub-Appropriation	Actual 2021/2022 \$(000s)	Authority 2021/22 FTEs	Authority 2021/22 \$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Grant Assistance	53,856	-	53,856	-	
Total Sub-Appropriation	53,856	-	53,856	-	

WILDLIFE DAMAGE COMPENSATION - 2C

Sub-Appropriation Description

Provides producers with financial assistance for damage to agricultural crops and related products caused by predators, big game, and migratory waterfowl, as well as for injury or death of domestic livestock caused by designated natural predators.

2 (c) Wildlife Damage Compensation

Expenditures by Sub-Appropriation	Actual 2021/2022 \$(000s)	Authority 2021/22 FTEs	Authority 2021/22 \$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Grant Assistance	3,809	-	4,118	(309)	
Total Sub-Appropriation	3,809	-	4,118	(309)	

LESS RECOVERABLE: INTEREST FROM LENDING – 2D

Sub-Appropriation Description

Net interest revenue generated from the direct lending programs which provide capital to eligible agricultural producers. Net interest includes interest earned on loans to producers, less the interest accrued on borrowed funds.

2 (d) Less Recoverable: Interest from Lending

Expenditures by Sub-Appropriation	Actual 2021/2022 \$(000s)	Authority 2021/22 FTEs	Authority 2021/22 \$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Grant Assistance	(11,966)	-	(16,400)	4,434	1
Total Sub-Appropriation	(11,966)	-	(16,400)	4,434	

Explanation(s):

1. The variance is mainly due to a decrease in net interest revenue from producers due to contraction of the loan portfolio of 11%.

AGRISTABILITY - 2E

Sub-Appropriation Description

Provides producers with assistance to manage financial difficulty arising from risks related to market disruption, natural disasters and production problems, supporting the agriculture industry’s resilience and competitiveness.

2 (e) AgriStability

Expenditures by Sub-Appropriation	Actual 2021/2022 \$(000s)	Authority 2021/22 FTEs	Authority 2021/22 \$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Grant Assistance	20,792	-	20,792	-	
Total Sub-Appropriation	20,792	-	20,792	-	

Note:

Includes forecast claims for the Canada-Manitoba AgriRecovery Drought Assistance Program for 2021/22 amounting to \$94,649, expenditures for the program are recognized under Emergency Expenditures.



AGRIINVEST – 2F

Sub-Appropriation Description

Provides producers with assistance to manage financial difficulty arising from risks related to market disruption, natural disasters and production problems, and supports the agriculture industry’s resilience and competitiveness.

2 (f) AgriInvest

Expenditures by Sub-Appropriation	Actual 2021/2022 \$(000s)	Authority 2021/22 FTEs	Authority 2021/22 \$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Grant Assistance	15,280	-	15,280	-	
Total Sub-Appropriation	15,280	-	15,280	-	



FARMLAND SCHOOL TAX REBATE – 2G

Sub-Appropriation Description

Provides rebates of a fixed portion of the school taxes on farmland to support the rural economy.

2 (g) Farmland School Tax Rebate

Expenditures by Sub-Appropriation	Actual 2021/2022 \$(000s)	Authority 2021/22 FTEs	\$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Grant Assistance	31,386	-	40,412	(9,026)	1
Total Sub-Appropriation	31,386	-	40,412	(9,026)	

Explanation(s):

1. The variance is due to the phase out of education property taxes.

ANIMAL HEALTH AND WELFARE: EMERGENCY RESPONSE AND PREPAREDNESS – 2H

Sub-Appropriation Description

Provides an immediate, effective and coordinated response by government and industry to an animal disease emergency, and supports improved resiliency and preparedness for animal disease outbreaks.

2 (h) Animal Health and Welfare: Emergency Response and Preparedness

Expenditures by Sub-Appropriation	Actual 2021/2022 \$(000s)	Authority 2021/22 FTEs	Authority 2021/22 \$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Other Expenditures	-	-	500	(500)	1
Total Sub-Appropriation	-	-	500	(500)	

Explanation(s):

1. There were no occurrences of animal disease emergencies during the year that required accessing these funds.

Industry Advancement

Main Appropriation Description

Enables and supports sustainable growth, market access and resilient agriculture and agri-food industries.

INDUSTRY DEVELOPMENT - 3A

Sub-Appropriation Description

Supports strategic development and resilience of the agriculture and agri-food industries.

Key Results Achieved

- Advanced the bio-economy, reduced waste and created new value in Manitoba through the introduction of a protein by-products challenge dialogue to engage stakeholders in action planning. This work includes adding waste, by-products and production questions to ongoing industry surveys conducted with Manitoba agri-processors.
- Contributed to a Canola Oil Study in collaboration with Agriculture and Agri-Food Canada, the Canada High Commission in New Delhi, India, Saskatchewan and Alberta, to explore the current situation of canola oil in the India market and how to promote sales. This project will bring long-term benefit to the province's canola processing industry, as India is one of the largest markets for cooking oil.
- Advanced sales growth in the organic food industry through the establishment of an organic products buyers and sellers digital platform.
- Supported 60 strategy and policy development sessions, and facilitated strategic planning sessions to build sector capacity and advance Manitoba's agriculture industry.
- Provided financial support to Agricultural Societies (AS) including \$95.0 to support infrastructure projects, \$113.0 in education grants to support AS activities, and \$65.9 in a special innovation fund to help position AS to innovate coming out of COVID-19, supporting 15 projects.
- Advanced industry resilience by leveraging technology with on-line resources – website pages received 8,914 visits and 9,165 downloads (an increase of 10 per cent over the previous year), and eight new online resources were developed
- Developed and delivered a Board Development program for Manitoba Watershed Districts. Two hundred sixty-eight (268) individuals participated in five governance and leadership development sessions held virtually.
- Conducted organization assessments and provided technical advice to six applicants of Industry Organization Programming (Canadian Agricultural Partnership (CAP) Ag Action Manitoba).
- Developed eight new online resources were to support industry leadership and organizational management capacity.
- Assigned three branch staff to support Manitoba's COVID-19 response.
- Completed a study identifying barriers to the implementation of potential adaptation measures and policy responses that could encourage proactive adaptation planning and action under the climate change vulnerability and adaptation options for Manitoba's agricultural sector. The next steps are to assess and implement the suitable options.

3 (a) Industry Development

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022 \$(000s)	FTEs	\$(000s)	Over/(Under) \$(000s)	
Salaries and Employee Benefits	2,299	25.00	2,422	(123)	
Other Expenditures	359	-	645	(286)	
Grant Assistance	645	-	751	(106)	
Total Sub-Appropriation	3,303	25.00	3,818	(515)	

VALUE ADDED – 3B

Sub-Appropriation Description

Supports creation of new value from agriculture industries through food and agri-product commercialization and processing at the business level.

Key Results Achieved

- Provided information, resources, pathfinding and advice to 328 unique clients at various business stages, helping new and existing food processing businesses to start and grow. Of the 328 clients served, 45 per cent were in the ideation and start-up stage; 30 per cent at the build stage, (ensuring products are ready to sell to wholesalers and retailers); 22 per cent at the growth stage, (expansion to new domestic and foreign markets); and 3 per cent at the scale stage, (transitioning to larger scale operations).
- Contributed to accelerated business growth of 41 companies by an average of 30 months through capital equipment assistance under CAP/Ag Action Manitoba. The branch supported the assessment of applications leading to grant funding of \$9.2M for 41 capital asset and equipment projects with project value totalling \$128.8M. These projects are expected to add 150 new Full Time Equivalent (FTE) jobs immediately upon project completion, and a further 359 FTE jobs within the next three years after project completion. Manitoba-sourced agricultural inputs from these projects are expected to increase from purchases currently totalling \$255.8M to \$323.3M within three years, representing a Compound Annual Growth Rate (CAGR) of 8.1 per cent.
- Worked with the CAP/Ag Action Manitoba Program Unit to develop a new focus area, food safety process and product validation, for the CAP Ag Action Manitoba's market development activity program area. The program provided incremental support to those small-scale agri-processors producing a high-risk food. Five of the 15-market development projects recommended for funding accessed this new focus area.
- Assisted 21 Manitoba companies and eight out-of-province clients with protein and non-protein product development through the Food Development Centre (FDC). Twenty of the projects were protein related. The FDC transitioned away from nutrition labelling and Hazard Analysis Critical Control Point (HACCP) audits; however, FDC developed new path finding processes and referred 73 companies to alternative service providers. The FDC enabled product commercialization and enabled market access by providing shelf life studies and regulatory services for 36 food products.
- Contributed to the market expansion for 15 companies through grant funding totalling \$202.7 towards market development projects. Four projects contributed to increasing market access for products contributing to the Manitoba's Protein Advantage Strategy, and five projects saw companies pivot to marketing their products online in response to changing consumer purchasing trends and COVID-19 priorities.
- Enhanced or increased the number of online processes and client-industry supports by updating four directories and adding four new trade guides, three new marketing guides, two food cost and pricing interactive tools, and one new food safety guide.
- Provided three staff to support the province's COVID-19 response.
- Engaged with 12 stakeholder groups during the year in the course of delivering services to clients, as well as in the process of developing the branch's Pathway to Success resource.

3 (b) Value Added

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Salaries and Employee Benefits	1,919	24.00	1,969	(50)	
Other Expenditures	984	-	1,050	(66)	
Total Sub-Appropriation	2,903	24.00	3,019	(116)	

FOOD SAFETY AND INSPECTION – 3C

Sub-Appropriation Description

Contributes to the security of Manitoba's food supply, economic growth and market access by creating confidence in Manitoba's food processing system and safeguarding the health of Manitobans.

Key Results Achieved

- Conducted pre-consultation sessions with stakeholders representing small businesses, industry associations, academia, provincial abattoirs and livestock producer associations, to obtain feedback on developing modern food safety regulations, to assess industry readiness for outcome-based requirements, and to identify potential challenges.
- Led an internal pre-consultation session with subject matter experts to identify opportunities and issues related to the sale of uninspected red meat in Manitoba, and approaches by other jurisdictions. This dialogue will better position the department to move forward with a well-rounded dialogue with external stakeholders in 2022/23.
- Completed under Food Safety Permitting and Inspections: 70 new building assessments, issued 42 new permits; provided inspections to 521 permitted facilities (867 inspections, including 546 routine inspections, and 321 follow-up inspections). Regularly met required inspection frequencies for high and medium risk category one facilities (i.e., facilities with a risk based routine inspection frequency of two to three times annually), with approximately 85 per cent of required inspections complete at any given time.
- Identified 1,030 non-compliances during inspections. An average of 1.2 infractions were documented per inspection and 245 re-inspections were completed. Completed follow-up on non-compliances with approximately 85 per cent of required follow-up complete at any given time. Issued nine warning letters, one offence notice, and one closure order.
- Provided 2,597 meat inspection days to 25 provincially permitted abattoirs.
- Enforced animal welfare standards in provincial abattoirs. Reported eight animal welfare cases to the Animal Health and Welfare Branch for investigation related to animals delivered to abattoirs.
- Conducted 120 antibiotic residue tests, meeting the surveillance target of 120 tests per year; provided one inspection for a goat dairy farm.
- Documented 11 decisions outlining Food Safety and Inspection's risk and science-based approach to regulating various food products, processes and commodity types.
- Provided ongoing oversight of dairy farm inspections completed by Dairy Farmers of Manitoba.
- Completed four jurisdictional scans on various technical topics to support the food safety regulatory development work.
- Provided monthly submissions on food safety information for processors to the external newsletter Growing Manitoba Ag.
- Developed and distributed hard copies of factsheets and postcards available in multiple languages (English, French, Arabic and Urdu) related to food handling during Eid.
- Established partnerships with industry, academia and associations to enhance building capacity by:
 - Participated with the Faculty of Agricultural and Food Sciences (FAFS) / Manitoba Agriculture and Resource Development (ARD) in the Knowledge Transfer Network (KTN).
 - Initiated dialogue with Food and Beverage Manitoba to collaborate on regulatory modernization.
 - Hosted a pre-consultation session with stakeholders representing small businesses, industry associations, academia, provincial abattoirs and livestock producer associations on food safety regulation modernization; a What We Heard report was generated.
 - Completed an internal consultation session with government subject matter experts regarding opportunities and issues related to enabling the sale of uninspected red meat in Manitoba and the approaches of other jurisdictions.

3 (c) Food Safety and Inspection

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Salaries and Employee Benefits	2,563	31.00	2,593	(30)	
Other Expenditures	450	-	532	(82)	
Total Sub-Appropriation	3,013	31.00	3,125	(112)	

ANIMAL HEALTH AND WELFARE – 3D

Sub-Appropriation Description

Provides leadership, technical expertise and an appropriate regulatory and enforcement framework to protect human, animal and plant health and industry competitiveness.

Key Results Achieved

- Conducted 37 disease investigations (see Figure 1 for a breakdown of disease types). The scale and complexity of disease investigations has been increasing, highlighted by the current Porcine Epidemic Diarrhea Virus (PEDv) outbreak investigation involving over 280 premises (including negative and positive results).
- Collaborated with the swine industry to manage a large Porcine Epidemic Diarrhea (PED) outbreak, providing movement control risk analysis and advice as well as testing through the Veterinary Diagnostic Lab.
- Veterinary Diagnostic Services (VDS), the regional animal health laboratory that provides diagnostic services to veterinarians, livestock and poultry producers and companion animal owners conducted 127,475 tests from 18,832 cases in 2021 (Figure 2). While the number of tests have decreased from 2020 (129,200), the number of cases has increased (from 17,367). VDS continued its role as a network laboratory in the Canadian Animal Health Surveillance Network (CAHSN).

Figure 1:

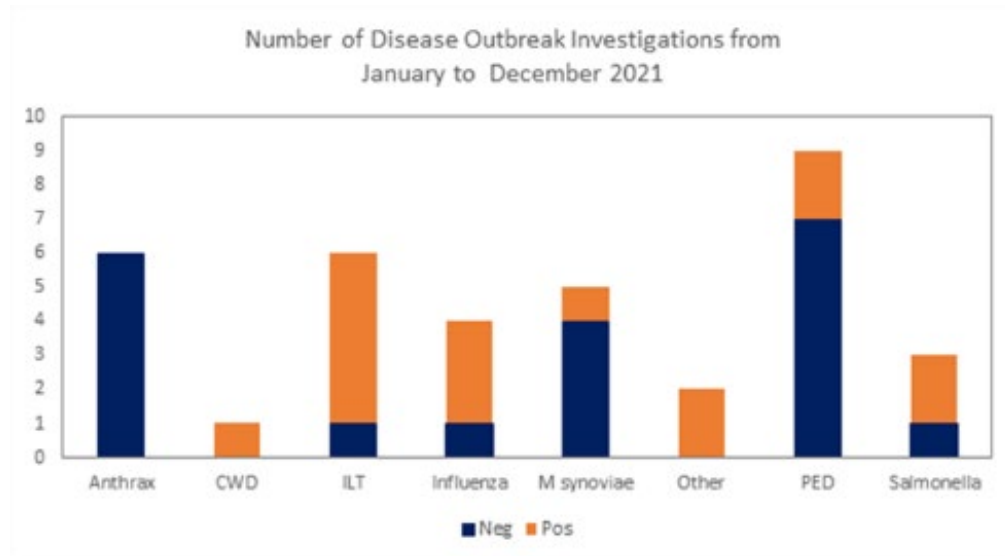
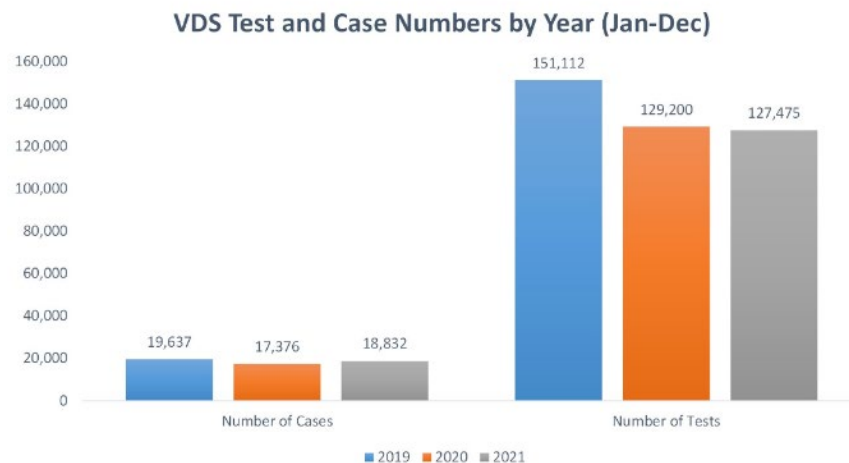
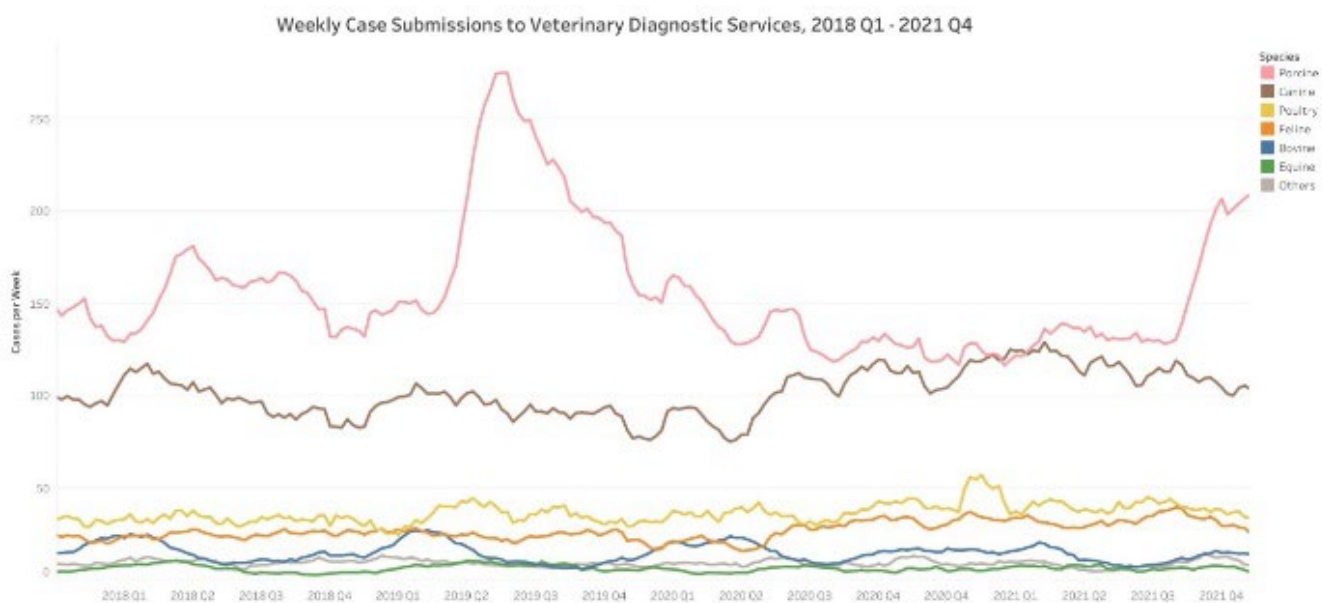


Figure 2



- Developed four public facing dashboards to provide transparent reporting from the Branch on disease and animal welfare activities.
 - [Provincial Animal Disease Outbreak Data](#)
 - [Provincial Animal Welfare Data](#)
 - [Provincial Rabies Surveillance Program Data](#)
 - [Provincial Veterinary Diagnostic Services Data](#)
- Animal Health and Welfare veterinary extension continued to provide knowledge and support to food animal veterinarians, helped producers utilize recommendations and put them into practice, and provided up-to-date industry knowledge and communication to producer groups.
- Continued to improve analysis and reporting of emerging and zoonotic diseases of significance to human and animal health, including tick-borne disease, salmonella, rabies, and others. Utilized laboratory data to identify trends in case submissions and test requests (see Figure 3) Utilized [provincial abattoir condemnation rates](#) to identify significant disease issues at animal harvest facilities.

Figure 3



- Supported the Provincial-Territorial Animal Traceability Multi-Lateral Information Sharing Agreement (MLISA), an initiative to support the National Agriculture and Food Traceability System (NAFTS) to allow for rapid access and exchange of traceability information between all provinces and territories in Canada. This agreement remains ongoing and in development for over 10 years, and is in the final stages of approval. Once signed, all parties will be able to share their Premises Identification information more readily to quickly respond to or prepare for issues related to animal health and/or human health.
- Led the planning and development of an integrated information management system, the Animal Welfare Information Management System, to better support the Animal Welfare Program’s case management needs is in progress. This new mobile friendly software will replace the database and will be a fully integrated and configurable system, which will be efficient in managing the growing number welfare cases across the province of Manitoba.
- Contributed laboratory information and epidemiology resources to the Canada West Swine Health Network (CWSHIN) and the Western Canadian Animal Health Network (WeCAHN), which provides quarterly reports on significant disease trends and findings to producers, veterinarians and provincial animal health authorities across western Canada. Quarterly reports from each species network (swine, poultry, dairy, beef and small ruminant) are provided to Manitoba veterinarians and producers.

- Completed a targeted disease surveillance project with CWSHIN, the Western College of Veterinary Medicine (WCVM), and other industry and provincial stakeholders in western Canada on Streptococcus diseases in swine. A published report was provided to producers and veterinarians that included the identification of new strains and of management practices that may reduce risks. Initiated a second targeted disease surveillance project on swine influenza with the same partners, specifically to identify the key strains causing disease in western Canada.
- Contributed laboratory data, meat inspection data and epidemiology resources to Canadian Animal Health Surveillance System.
- Continued participation in the Animal Health Canada's CanSpotASF Program for enhanced African Swine Fever (ASF) surveillance, with 150 samples selected by VDS pathologists or clients (swine veterinarians) sent to the National Centre for Foreign Animal Disease, where all samples tested negative for ASF.
- Continued training in the Incident Command Structure (ICS) approach for disease investigations, continued to use and validate the Premises Identification (PID) system, which is used for most disease investigations and has played a critical part in disease preparedness and planning, including for modeling and exercises.
- Collaborated to develop a joint incident command structure on a provincial and regional level to increase readiness to a potential outbreak of ASF. The plan allows each provincial ICS in the four western provinces to link with Western Area ICS that will coordinate activities across western Canada. The approach was used to respond to Highly Pathogenic Avian Influenza in 2022, with further evaluation and refinement expected in 2022/23.
- Completed the initial scoping phases to replace the decision support system for animal emergencies (DSSAE). The software has reached the end of its operational lifespan.
- Provided *Salmonella* testing on poultry barn environmental samples for various clients, including the CFIA's Hatchery Supply Flock Program and the Manitoba Egg Farmers. Demand for this testing was higher than in 2020/21, due in part to increased submissions from the broiler industry for insurance purposes.
- Performed post mortem examinations and avian influenza testing on 69 poultry cases submitted under the Manitoba Small Flock Avian Influenza Program. This is an increase of 20 submissions from 2020/21. While no influenza virus was detected in 2021/22, testing under this program revealed outbreaks of infectious laryngotracheitis (ILT) virus in six non-commercial chicken flocks.
- Continued to work on and update disease management plans for Chronic Wasting Disease (CWD), canine brucellosis and Cache Valley Virus. Updated disease management plans for Anaplasmosis, CWD and salmonella.
- The Animal Health Laboratory Information Management System (LIMS) Modernization project began in March 2022, with a collaborative team actively involved in its implementation (training staff, developing the program to suit VDS and client needs) to launch the system by end of fiscal year 2022/23.
- Coordinated a rabies outbreak response in the Churchill area, engaging local Conservation Officers, local officials and the community to address ongoing rabies outbreak, including community education, and collaboration with Wildlife Branch officials to plan a rabies reservoir population control operation.
- One Health investigations conducted in 2021/22 included: 1) Four unique investigations connected to the swine industry related to variant influenza; 2) Chronic Wasting Disease (CWD) was identified for the first time in wild deer in Manitoba. The Chief Veterinary office provided disease control and operational support for the initial case along with providing guidance and recommendations for subsequent cases. Initial response was effective at reducing risk in the response area and ongoing support has been offered for subsequent response actions.
- Provided regulatory oversight of The Animal Care Act, including investigation, inspection, education and enforcement activities throughout the province of Manitoba. In 2021/22, there were 919 concerns reported, with 1,240 inspections conducted and 63 tickets issued for offences.
- Increased awareness of the Animal Welfare Program by continuous modernization of the department webpages, creation of [animal welfare dashboards](#), educational materials, provincial stakeholder workshops, and public engagement. Engaged in training sessions to spread awareness of animal welfare information throughout the province. Promoting Animal welfare resources and gathering participant feedback to improve future outcomes.
- Engaged in veterinary community outreach programs to improve the health of homeless and vulnerable individuals through veterinary care to their pets and connecting individuals at risk with human health and social services.

- Initiated steps to replace the aging Animal Welfare Access database management system with a new, integrated, and user-friendly case management system to help support the growing number of welfare cases across the province. This work is expected to be completed in 2022/23.
- Presented two extension training webinars for Manitoba veterinarian and veterinary technicians, covering smallholder medicine and small flock poultry vaccinations. The goal of these webinars is to allow mixed-animal veterinarians to gain knowledge and confidence in treating livestock populations that are likely under-served and can potentially contribute/be affected by disease outbreak situations.

3 (d) Animal Health and Welfare

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Salaries and Employee Benefits	5,252	61.00	5,481	(229)	
Other Expenditures	3,761	-	3,763	(2)	
Grant Assistance	163	-	164	(1)	
Total Sub-Appropriation	9,176	61.00	9,408	(232)	

Agriculture Production and Resilience

Main Appropriation Description

Facilitates climate change adaptation and the sustainable development, use and protection of Manitoba's agri-ecosystem including air, land and water.

LAND USE AND ECOSYSTEM RESILIENCE - 4A

Sub-Appropriation Description

Leads policy and corporate review of Crown land with considerations to Treaty Land Entitlement, and economic development. Facilitates climate change adaptation and the sustained development, use and protection of Manitoba's agri-ecosystem including air, land and water.

Key Results Achieved

- Provided support for farmers and agronomist on soil health and nutrient stewardship to ensure long-term productivity and sustainability of agricultural lands, including weekly soil management advice to farmers and agronomists during the growing season as a part of the Crop Talk Panel and the 2021 Crop Diagnostic School and Horticulture School virtual webinar series.
- Continued to support the Prairie Provinces Certified Crop Advisor Board to help strengthen the quality of the certification process through improving the soil and water management section.
- Worked with the Soil Conservation Council of Canada to develop a questionnaire on soil health practices; questionnaire results were presented as a Soil Health Report Card to Canadians on the state of soil health across the nation.
- Provided leadership expertise in research, extension, incentive programming and regulatory requirements of soil and water management systems, tile drainage, surface drainage and water retention on agricultural lands.
- Chaired the Inter-Departmental Working Group on Agricultural Drainage Water Management, provided update training to sub-surface drainage network designers, related professional service providers and farmers; co-led the establishment of a new consultation series to enable better communication with tile network installers.
- Contributed to an article in Drainage Contractor magazine regarding sub-surface drainage on the northern reach of the Great Plains of North America.
- Collaborated with Agriculture and Agri-Food Canada (AAFC) and colleagues in the United States of America to share outcomes of an international gathering of researchers, extension agents, regulatory staff and non governmental organizations that examined mitigation of water quality risks created by crop and livestock production. The special edition of the University of Wisconsin-Madison's webinar 'The Current, was entitled "Nutrient Reduction Best Management Practices (BMP) in Cold Climates - A review of the 2019 Red River Basin Cold Climate Workshop".
- Contributed to 4R Nutrient Stewardship programming including leading the renewal process for the Memorandum of Understanding (MOU) between Keystone Agricultural Producers, Fertilizer Canada and the Government of Manitoba.
- Provided technical input to the federal government's 'roadmap' for climate change programming, as well as input to local delivery of BMP incentive programs by the Manitoba Association of Watersheds and the Canola Council of Canada.
- Continued to support Lake Winnipeg water quality protection efforts including the Canada-Manitoba Memorandum of Understanding (MOU) steering committee and the Lake Winnipeg Basin Program, and continued to provide departmental representation on the Provincial Water Strategy.
- Provided technical leadership on Canadian Agricultural Partnership (CAP-Ag Action Manitoba) Assurance Beneficial Management Practices (BMP) programming for the Watershed Ecological Goods and Services (WEGS) Assurance BMPs, and the AgAction Manitoba Assurance BMPs.
- Reviewed and recommended approval of \$1.46M for 26 new land and water conservation projects through Ag Action Manitoba's WEGS program.

- Reviewed proposals for Conservation Trust and Growing Outcomes in Watersheds (GROW) Trust funding as part of the provincial staff contingent on the Technical Advisory Committee, which included AELM, Policy and Watershed Districts and Programs. In 2021/22, \$5.5M was approved for 12 watershed districts through GROW and \$2.8M through the Conservation Trust for 23 projects delivered by 20 Manitoba-based conservation groups for new land and water conservation projects.
- Provided policy and technical support in Producer Advisory Committees (PAC) for the GROW and Alternate Land Use Services (ALUS) programs for three Watershed Districts. This included input on program development, project application assessment and technical information exchange.
- Provided departmental representation on Nature Conservancy Canada’s Environment and Climate Change Canada funded project, Manitoba’s Mixed-Grass Prairie Priority Places Planning Initiative open standards approach to species conservation.
- Participated on the Living Labs Eastern Prairies Steering Committee, led by Manitoba Association of Watersheds and AAFC.
- Reopened BMP 503 for water source development on pasture from June 8 – October 1 due to the dry conditions. During this intake, 375 projects were approved for \$2.4M in funding.
- Developed the Land Use Tracking Project to put a procedure in place to capture changes to Development Plan and Zoning By-law datasets. Work will continue in 2022/23 on refining the method of analysis of change in acres from agricultural land to non-agricultural land use designations.
- Updated Land Use Planning for Livestock factsheet to reflect changes to the Planning Act and completed an accessible English version on the departmental website. French translation is underway and will be completed in 2022/23.
- Provided engineering leadership for provincial agricultural and bio-systems engineering services, including project leadership on the Prairie Agricultural Machinery Institute (PAMI) Engineering Services Team funded by the Canadian Agricultural Partnership (CAP). In 2021/22, \$239.0 of CAP funding was awarded to PAMI to work on 11 agri-engineering projects that included grain handling, biomass grain drying, on farm trench composting of deadstock, investigation of unmanned aerial vehicles for wild pig surveillance, depopulation systems for emergency mass euthanization, as well as design and fabrication of equipment to separate fibre from canola stalks, and wool pellet production and potential for processing Manitoba wool for use as “green” insulation.
- Engaged the services of DGH Engineering Ltd. (DGH) to design a prototype for a simple and affordable bio-filter system for new pig barn construction. Node Engineering was also contracted for the design, construction, installation and commissioning of an indoor bio-filter system for existing livestock housing.
- Delivered a podcast with the University of Manitoba Biosystems Engineering on Disease Transmission in the Swine Industry.
- Provided technical expertise to the Dairy Farmers of Canada proAction Environment Module that was successfully launched in 2021.
- Co-authored a peer-reviewed paper titled The Manitoba Land Calculator: A Tool to Estimate Land Requirements for Manure Application in Manitoba, Canada published in the American Society of Agricultural and Biological Engineers journal. This paper provides a detailed description of how Manitoba is estimating land requirements for livestock developments within the Technical Review process.
- Strengthened emergency preparedness for animal disease outbreaks by:
 - Obtained an Environment Act Licence for an Agricultural Crown Land parcel in the RM of De Salaberry to be used in an animal emergency as an environmentally suitable disposal area.
 - Partnered with Manitoba Pork Council (MPC) to identify suitable areas on pig farms for burial in the event of an animal emergency. Five farms were investigated in 2021 with an additional 16 planned for 2022.
 - Continued to monitor the above ground burial trial that was established the summer of 2020 at the Brady Resource Management Facility (Brady). Brady staff find above ground burial (AGB) to be a good technique and have continued to use it for some of the mortality management from their daily receiving of livestock mortalities. Staff established two AGB demonstration trials on farms in 2021, one at a layer operation for end of lay hens, and the other at a HyLife facility for pigs.
- Continued to participate as a member of the Federal/Provincial/Territorial/Industry (FPT) working group and Western Area working group planning for African Swine Fever (ASF) and how to humanely euthanize and dispose of pigs in the case of an outbreak.

- Delivered the ACL program servicing 1,800 clients totaling 1920 leases. Total acres under active disposition 1,355,792 (548,588 AUMs).
- The Soils Survey group produced the detailed soil survey report D99 of the RM of Whitehead.
- The Ag Weather program provided important information required to administer the Manitoba Controlled Crop Residue Burning program. Manitoba Agriculture staff have delegated authority under the Non-Crop Herbage and from the Minister of Environment, Climate and Parks for the Burning of Crop Residue and Non Crop Herbage Regulation from August 1 to November 15. In 2021/22 there was less residue burning due to drought conditions.
- Delivered 11 presentations to producers to extend information and transfer knowledge on soil health and soil water management, and hosted a Soil and Water Management Week webinar with over 100 attendees and over 150 subsequent views on Manitoba Agriculture's YouTube channel.
- Delivered four presentations about EFPs to Assiniboine Community College and MASC, and two presentations on Manitoba's EFP Greenhouse Gas Emission Tool to the National EFP working group to extend knowledge of the EFP and engage partners on collaboration.
- Represented the department to give evidence at two municipal board hearings; one for a subdivision proposal and one for a conditional use appeal by a livestock operation.
- Represented the department at 13 conditional use hearings for livestock operations under the Technical Review process to provide technical support for municipal councils.
- Participated in nine meetings with municipal councils, planning districts and consultants regarding land use planning by-laws to provide input on provincial policies for agriculture and to engage in discussion on their implementation in local land use plans.
- Participated in five meetings of an industry-government stakeholder group to engage on discussion of acceptable standards for under-barn manure storage facilities.

4 (a) Land Use and Ecosystem Resilience

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Salaries and Employee Benefits	3,255	38.00	3,651	(396)	1
Other Expenditures	768	-	1,576	(808)	2
Total Sub-Appropriation	4,023	38.00	5,227	(1,204)	

Explanation(s):

1. The variance is primarily due to vacancies and voluntary reduced workweek savings, partially offset by severance/vacation payouts.
2. The variance is primarily due to third party soil survey contract savings, procurement delays, expenditure management measures, lower costs due to vacancies and reduced travel and other activities due to COVID-19.

PRIMARY AGRICULTURE - 4B

Sub-Appropriation Description

Advances the competitive position in the domestic and global marketplace that is sustainable and adaptable to evolving public, climatic, resource and economic conditions.

Key Results Achieved

- Generated 22 farm management tweets, responded to nine media requests for farm management content and analysis, and printed and delivered 3,100 Cost of Production (Beef, Forage, Crop, Land Rental, Machinery) resources to farm producers. Farm land rental/value tools generated 266 interactions with producers on determining land rent/value. Production economics tools generated 1,462 client interactions on crops, livestock, forage and machinery.
- Produced 13 knowledge transfer videos produced and uploaded to the Crop Diversification Centres (CDC) website in 2021/22.
- Conducted several media interviews each week between May and August to address technical, crop production issues that arise in the growing season.
- Provided extension at the 4R field day in St. Claude on July 29, 2021, Ag Days Organic Day (online), the Organic Alliance and Organic Producers Association of Manitoba meeting on Jan. 20, 2022, the Prairie Organics Conference on February 8 and 9, 2022, the Dry Bean Industry Webinar in March 2022 (80 participants), and Soybean Industry meeting in March 2022 (50 industry representatives).
- Produced the Guide to Crop Protection which is a comprehensive guide for farmers and industry to enable them to compare, contrast and select field crop protection products. The guide encompasses herbicides, plant growth regulators, insecticides, seed treatments and foliar fungicides. Three thousand copies were printed and sold to producers through Agriculture and MASC Service Centres and in bulk to industry.
- Developed an online Crop Protection Tool to supplement the printed Guide to Crop Protection. Testing of the tool is continuing prior to full launch in 2022/23.
- Delivered several extension events to producers, agronomists and industry on weed control and integrated pest management as weeds are one of the largest threats to crop production. Weed Seedling ID day, was delivered remotely in 2021 due to COVID-19. Provided live webinar to 100 clients, in conjunction with Assiniboine Community College (ACC), showcasing weeds and how to identify them.
- Provided extension training for Weed Supervisors and Weed Inspectors in the spring and fall to assist them with weed control and enforcing the Noxious Weeds Act. Attendance at these Manitoba Weed Supervisor Association meetings was made up of approximately 30 Weed Supervisors representing Weed Districts and an equal number of Weed Inspectors that are appointed by Rural Municipalities.
- Delivered several production seminars via the Prairie Fruit Growers Association (PFGA) Annual General Meeting (AGM), Horticulture School webinar series, and PFGA Winter Webinars Series. An estimated 75 people attended the AGM and almost 250 people viewed the webinars.
- Provided vegetable crop producers, both large and small scale, with accurate and timely extension information.
- Delivered nutrient management extension events including four on-farm field days in 4R Nitrogen Management, and MB Soil Science Society Summer Tour.
- Provided two days of online training in 4R Nutrient management through Soil Fertility Refresher courses delivered to 70 agronomists.
- Provided nutrition and feed formulation advice to livestock producers impacted by the 2021 drought. Over 560 rations were formulated for 121 producers to assist them in providing balanced nutrition for their herds with the feedstuffs available. Advice on using low quality roughages and alternative feeds was provided in individual producer consultations, StockTalk webinars, web pages, newspaper columns, and Cattle Country articles.
- Engaged 83 Manitoba Farm Industry Board clients, providing financial analysis and recommendations to the Manitoba Farm Industry Board.

- Participated in the national cow calf cost of production benchmarking project and facilitated four focus groups to gather data. British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec and the Maritime Provinces are collaborating to gather data in a consistent manner. These results will be used to increase financial and Business Risk Management (BRM) literacy for livestock producers in future extension events.
- Collaborated with the Prairie Agricultural Machinery Institute and Agri-Ecosystems and Land Management to assess the potential to use wool as a “green” soil amendment. A locally owned wool pelleting mill was tested and found to have potential to convert wool into a compact soil amendment.
- Provided technical and administrative support to Manitoba Agriculture Research and Innovation Committee (MARIC). MARIC reviewed 34 research proposals for the GIH and CAP Ag Action Manitoba Research and Innovation Activity and put forward funding recommendations to the minister.
- Supported 14 projects through CAP Ag Action Manitoba – Research and Innovation Activity totaling \$1.17M under the Agri-Resource Management, Livestock Production and Processing and Value-Added focus areas.
- Awarded \$690.7 for Topigs Norsvin Canada for a research project with the objective of enhancing the competitiveness of Manitoba pork producers by improving the precision feeding of sows; and \$53.2 for a companion project aiming at advancing female reproductive knowledge and management practices for optimal lifetime productivity and embryo transfer success.
- Received and reviewed project reports on improving climate resiliency including a project that developed innovative tools to adapt to and manage extremes of moisture. CAP provided \$663.9 towards the project which included engagement of over 75 different researchers and stakeholders across several sectors to provide agricultural producers with critical factors in estimating socio-economic costs and benefits of different excess moisture practices.
- Conducted 211 projects representing 10,818 research plots at Crop Diversification Centres (CDC). Results were shared with producers and the processing industry. Data from MCVET were published in Seed Manitoba, and full project reports posted on the CDC website.
- Completed 27 regenerative agriculture - cover crops and intercropping trials at CDCs.
- Supported the development of a hemp strategy for the Province. CDCs tested six new hemp varieties through the CHTA National variety trials for grain, fibre and cannabinoids in 2021.
- Evaluated onion fungicide for the control of neck rot on onions in Manitoba. The research was conducted at Agriculture Agri-Food Canada Portage la Prairie site. These trials were done through the collaboration of MB Agriculture and ACC.
- Conducted pulse and soybean research with Manitoba Pulse and Soybean Growers with 22 soybean sites, nine dry bean sites and two faba bean sites.
- Conducted on farm direct versus traditional planting comparisons and demonstrations on potatoes with Simplot.
- Conducted CAP research projects on potatoes examining late blight strains across Canada and potato mop top and tuber necrosis virus studies. In addition, over 16 fields were surveyed for verticillium wilt in commercial potato fields.
- Conducted fruit crop applied research and demonstration orchard trials to improve fruit crops production knowledge to growers. Projects in the orchard included: rhubarb cultivar evaluation trial, tree fruit diversity demonstrations (saskatoons, haskap, apple), strawberry planting density, University of Minnesota advanced strawberry selections evaluation, and University of Saskatchewan hazelnut advanced selections evaluation. This project will be continued for the 2022 field season.
- Conducted two Forage Ammoniation workshops in the Piney/Ridgeville area with 40 participants. Collected data on the improvement of protein and energy content of straw, corn stover, and low quality hay. Publicized the results in StockTalk and the Beef and Forage Technical Bulletin.
- Monitored five sites across the Parkland, including Rorketon, Ochre River, Dauphin, Swan River and Roblin, to support an alfalfa winter kill project being led by researchers at McGill University. Counted plants, used a drone to capture field photos, and uploaded data for analysis.
- Conducted monitoring for established insects, to forecast the risk of potential economic populations for diamondback moth and bertha armyworm. Both of these insects are concern in canola when levels are high, and armyworm is a potential pest of cereals and forage grasses. Grasshoppers, potential pests of many crops, were also surveyed.
- Conducted monitoring for new/invasive insects in Manitoba including corn rootworm, cabbage seedpod weevil, swede midge and pea leaf weevil.

- Reported disease and insect pests of potatoes weekly during the growing season to over 250 clients in the potato sector. The potato program uses late blight forecasting at permanent weather stations. Aphids were monitored to maintain good quality seed potato production and European corn borer was also monitored in potato fields.
- Conducted field disease surveys across Manitoba. The fields surveyed in 2021 included 16 barley, 136 Canola, three flax, 68 soybean, 21 winter wheat and 79 spring wheat.
- Produced fusarium head blight (FHB) risk forecasts beginning in late June and continuing until the end of July. Maps were produced daily and posted Monday to Friday along with animations that showed the changing forecast over the previous seven days. In 2021, the weather conditions were generally not favorable to infection, and it was the lowest FHB incidence over the last five years of FHB surveying.
- Conducted through the MB Agriculture Crop Diagnostic Lab, disease/pest surveillance and integrated pest management diagnostic services on production and non-production crops and plants as well as fungal, spore and mite analysis on honeybees. The services included disease diagnosis, insect injury and identification, weed identification, control recommendations, and herbicide injury assessments. In 2021, 604 samples were received, and 989 diagnoses were made.
- Tracked and monitored clubroot (a rising soil-borne and yield robbing disease in canola production) because since its discovery in Manitoba in 2013, over 40 symptomatic fields have been reported, and many hundreds more have tested positive for the presence of this disease. Biosecurity and disease reduction extension efforts are ongoing, and some progress has been made in educating farmers and ag-retailers about disease movement risk. Increased commodity prices encourage tighter canola rotations and will result in substantially higher infection and associated yield loss in the next five to 10 years.
- Seconded four staff and provided the equivalent of 1.75 years of staff time to support the province's pandemic response by working with the COVID-19 Central Communications Unit and Contact Tracing Unit.
- Administered the Veterinary Student Employment Program (VetSTEP) which provided grants to 14 clinics providing summer work terms to 17 veterinary students. Provincial grants totaling \$479.0 were paid to 27 Veterinary Services Districts, helping to maintain access to veterinarians in rural Manitoba. Veterinary Sciences Scholarships of \$1,125 each were provided to 11 veterinary students.
- Managed the \$2.85M AgAction Manitoba contribution agreement with MBFI, reviewed capital spending requests, held monthly meetings with the MBFI manager, participated in the Research Advisory Council project proposal reviews and meetings; and attended the annual general meeting.
- Assisted Agri-Ecosystems and Land Management in reviewing and ranking BMP 503 Water Source Development applications for AgAction Manitoba funding to help producers deal with drought conditions and water shortages. Over 419 applications were received, and 387 were approved for \$2.46M to assist producers in drilling wells, renovating dugouts, buying watering systems, and installing permanent water pipelines.
- Assisted in reviewing and ranking applications for the Agricultural Crown Lands Forage Productivity Pilot Program. Producers could receive assistance for writing grazing plans, adding infrastructure (cross-fencing, wells, dugouts) and rejuvenating forage lands (perennial forage seed, seeding and brush management) in order to improve pasture productivity. Over 43 applications were approved for \$733.5.
- Participated in guided user testing sessions as a part of the development of the Online Environmental Farm Planning (EFP) system. Twenty-two department staff beta tested the Online EFP system by creating an EFP workbook and submitting it for review. Staff feedback was used to refine and enhance the online system with an anticipated rollout of 2022.
- Engaged 98 farmers in interactions related to CAP training funding for beginning farmers/expanding livestock operations and skills development.
- Led the development and review of four sustainable agriculture reports written by the International Institute of Sustainable Development (IISD). The reports were commissioned to support the MPA Strategy. The reports addressed climate change adaptation, sustainability metrics, grassland biodiversity, and circular economy.
- Supported the MPA Strategy through CAP funding of 11 projects totaling \$1.064M related to plant and animal protein production and processing.
- Worked closely with Roquette and Manitoba Pulse and Soybean Growers (MPSG) to assist in coordinating research in order to increase pea acres contributing to the MPA Strategy.

- Assisted Agri-Ecosystems and Land Management in updating the livestock water use calculator. Collected and reviewed Manitoba industry references for water consumption and usage by livestock species and production category. The calculator is used in Environmental Farm Plans and the Technical Review Committee process.
- Participated in nine Manitoba Drought Advisory Committee meetings. Provided timely updates on the effects of dry conditions on livestock, department programming such as BMP-503 and AgriRecovery Drought Assistance programs.
- Co-chaired the National Dairy Technical Advisory Committee (DTAC). Presented a summary of the national code amendments to the FPT Food Safety Committee (FPTFSC). Participated in discussion of the future of the DTAC at the FPTFSC.
- Facilitated discussions amongst industry stakeholders to promote opportunities for end-of-lay egg layer hens, including local processing and spent hen market development (pet food), improved methodology for on-farm euthanasia, and on-farm composting training for producers.
- Met quarterly with Direct Farm Marketing (DFM) to discuss relevant issues. The DFM Conference was held from February 1 to 5, 2022 with 99 attendees.
- Collaborated with the Vegetable Growers Association of Manitoba (VGAM) to improve the large-scale commercial vegetable industry in Manitoba and assist with organizing the VGAM Annual General Meeting. Planned and provided extension at the Manitoba Agronomist Conference on December 15 and 16, 2021. This conference focuses on crop production issues and reaches over 300 Agronomists across western Canada.
- Issued licences for 74 livestock dealers and 73 agents, including five new dealers and 14 new agents. A brand registry of over 1,700 active livestock brands was maintained. An additional review step was added to ensure that each brand is unique and meets provincial requirements for brand images.
- Reviewed certification and issued licenses to 1,463 pesticide applicators, 343 pesticide dealers and 54 manure applicators.
- Administered the Turkey Growers Export Enhancement Program, which certified the export of 3.1M kilograms of live weight turkey from five Manitoba turkey farms to a processor in Minnesota.
- Audited the sector's poultry agents who conduct breeder flock inspections under the Hatchery and Hatchery Supply Flock Regulation of the Livestock and Livestock Products Act. A total of 51 broiler breeder, layer breeder and turkey breeder flocks were inspected and certified under this program in 2021. Disease surveillance activities are included as part of the Poultry Export Enhancement Program, which allows access to markets for chicks, poults and hatching eggs in several US states.
- Conducted on-farm milk quality assessments on 18 farms, helping to maintain milk quality for bacteria counts. Experience with on-farm calls assisted in developing national standards for dairy premises.
- Assisted Food Safety Branch in interpreting dairy inspection reports. Reviewed the European Union dairy audit report and provided feedback to Food Safety Branch on the Manitoba response.
- Conducted Apiary Inspections. Twenty-five leafcutting bee operations were inspected for Chalkbrood disease and 212 honeybee operations (5,442 colonies) were inspected for Foulbrood diseases (American and European Foulbrood disease). Eighty-five honeybee diagnostic tests were conducted by Vet Diagnostic Services in 2021/22.
- Reviewed on-farm assurance programs for the swine and turkey sectors, in partnership with CFIA, other provinces and industry. The swine PigSafe and PigCare assurance program replaces the older Canadian Quality Assurance program, and will be submitted to the CFIA for approval and adoption as a national program. The Turkey Farmers of Canada's On-Farm Food Safety Program passed CFIA's 40-Month Technical Soundness Review to maintain its national Food Safety Recognition Program status.
- Assisted Chief Veterinary Office with poultry disease investigation activities including evaluation, deposition and follow-up of small poultry flocks infected with Infectious Laryngotracheitis (ILT), a highly contagious viral disease that is reportable in Manitoba. There were five small poultry flocks infected with ILT in 2021.

4 (b) Primary Agriculture

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Salaries and Employee Benefits	5,586	64.00	6,145	(559)	
Other Expenditures	831	-	1,094	(263)	
Grant Assistance	1,187	-	1,188	(1)	
Total Sub-Appropriation	7,604	64.00	8,427	(823)	

SUSTAINABLE AGRICULTURE INCENTIVES PROGRAM - 4C

Sub-Appropriation Description

To improve land, air and water resource management through cost shared investment in Beneficial Management Programs (BMP) on farm.

Key Results Achieved

- Improved water quality and soil health, and co-benefits for increased biodiversity. In 2021/22, 158 BMP projects received funding for a total of \$1.48M.
- Increased the adoption of on-farm BMPs that reduce environmental impacts of farming, including: reduced Greenhouse Gas Emissions (tonnes CO2 equivalents reduced or sequestered).

4 (c) Sustainable Agriculture Incentives Program

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Grant Assistance	1,484	-	1,500	(16)	
Total Sub-Appropriation	1,484	-	1,500	(16)	

LESS: RECOVERABLE FROM OTHER APPROPRIATIONS - 4D

Sub-Appropriation Description

This sub-appropriation provides for the recovery of Sustainable Agriculture Incentives Program (SAIP) related expenditures incurred by the Agriculture Production and Resilience Division of Manitoba Agriculture.

4 (d) Less: Recoverable from other appropriations

Expenditures by Sub-Appropriation	Actual	Authority 2021/22		Variance	Expl. No.
	2021/2022	FTEs	\$(000s)	Over/(Under)	
	\$(000s)			\$(000s)	
Grant Assistance	(1,484)	-	(1,500)	16	
Total Sub-Appropriation	(1,484)	-	(1,500)	16	

Costs Related to Capital Assets (Non-Voted)

Description

The appropriation provides for the amortization related to capital assets.

5 (a) Costs Related to Capital Assets

Expenditures by Sub-Appropriation	Actual 2021/2022 \$(000s)	Authority 2021/22 FTEs	Authority 2021/22 \$(000s)	Variance Over/(Under) \$(000s)	Expl. No.
Amortization Expense	377	-	1,035	(658)	1
Total Sub-Appropriation	377	-	1,035	(658)	

Explanation(s):

1. The variance is primarily due to the transfer of assets for the Food Development Centre and the transfer of assets to the Department of Natural Resources and Northern Development.

Other Key Reporting

Departmental Risk

Manitoba Agriculture provides leadership in risk analysis through its Comptrollership framework and by creating a risk management culture that facilitates assessment and management of risk. Risk is managed for policy, operations, human resources, financial, legal, health and safety, environment and reputation within a legislative environment, both in regards to the probability of occurrence and degree of damage and strategies for mitigating or minimizing potential situations.

A continuous, proactive, and systematic process is undertaken to ensure that decisions support the achievement of organizational corporate objectives. This enterprise approach ensures that accidents and unexpected losses are minimized.

The department manages its risks under the guidance of its comptrollership plan and all aspects of the central government Manitoba Risk Management Policy. The department must: a) emphasize loss prevention, loss reduction and risk transfer methods; b) identify risks thoroughly; c) identify strategies to mitigate or minimize risk; and d) receive appropriate approval. Specific activities are identified in the department comptrollership framework to meet risk management responsibilities, as follows:

- Leveraging the annual planning cycle of Internal Audit and Consulting Services to review departmental priorities and recommend areas of risk assessment.
- Mobilizing the Departmental Audit Committee to oversee risk assessment, identification and mitigation based on an understanding risk tolerance levels for different types of risk.
- Engaging the Departmental Business Continuity Planning (BCP) Steering Committee in the continuation of the BCP cycle.
- Creating a culture of risk management through regular, effective communication with staff.
- Monitoring the substantial risk assessment and management elements built into the department's internal financial planning and comptrollership activities, and expenditure controls.
- Evaluate and assess risk issues as to the likelihood of occurrence and the potential impact.
- Ensuring internal controls and processes are reviewed, documented, communicated and adopted in order to minimize identified risks.
- Reviewing insurance risks and responsibilities and ensuring consistent application of processes and establish protocols for reporting incidents of loss or damage.
- Making and carrying out timely decisions that would minimize the adverse effects of accidental or unforeseen losses upon the goals and objectives of the department.
- Reviewing new processes/activities to identify risks and develop risk mitigation strategies.

Through fiscal year 2021/22, the department undertook the following specific activities toward managing its risks.

Risk	Activities taken to reduce / remove risk
Payment Process Exposure	Process improvements and standardization reduced the risk of missed payments and ensure controls are in place. The department established new approval systems that allow payments to be processed electronically to improve efficiencies.
Personnel Loss Exposure	The department fosters employee engagement including wellness and health and safety initiatives. Succession planning is emphasized and supported, including systems to enable knowledge transfer, and training and development programs.
Fraud Exposure	Clear instructions and requirements about the roles, responsibilities and procedures of identifying and reporting fraud are communicated to all departmental staff. The department follows the central government Fraud Policy as outlined in the Financial Administration Manual.

Regulatory Accountability and Red Tape Reduction

Regulatory requirements

	April 1, 2021	March 31, 2022
Total number of regulatory requirements	70,872	18,744
Net change	-	-2,248
Percentage change	-	-3.17%

- 'Total number of regulatory requirements' includes transfers of regulatory requirements in and out of the department in 2021/22.
- 'Net change' includes the changes (sum of decreases and increases) in regulatory requirements undertaken by the department in 2021/22 and is net of transfers of regulatory requirements in and out of the department.
- 'Percentage change' includes percentage changes in regulatory requirements undertaken by the department in 2021/22 and is net of transfers of regulatory requirements in and out of the department.

Achievements

The department's major achievements in 2021/22 included several projects that eliminated the burden of regulations, policies and forms that were no longer required as a result of the termination of ineffective or antiquated programs.

- **Repeal of 17 regulations under the control of Peak of the Market.** Bill 12, The Peak of the Market Reorganization Act, eliminated regulatory restrictions that prevented producers from growing and marketing table potatoes and root crops (carrots, onions, parsnips) in Manitoba, and continued Peak of the Market as a private, independent corporation under The Corporations Act.
- **Agricultural Crown Lands Chattel and Land Improvements Repeal:** The previously required forms completed by livestock and crop producers to add chattel and make improvements on Agricultural Crown Lands under forage lease or permit were eliminated. As these forms are no longer used under the new auction program, the regulatory requirements were eliminated along with their administrative burden to stakeholders.
- **Repeal of dealer and vendor licensing forms:** These repealed forms were associated with amendments made to the Farm Machinery and Equipment Act. The repeal of these forms reduced burden on farm equipment dealers and vendors from completing application forms to sell farm machinery and equipment. As well, the licensing mechanism was outdated. There was little incentive for dealers and vendors to be licensed or for farmers to purchase from a licensed business, and the costs of administering the licensing program exceeded the revenue from licensing fees.
- **Repeal of forms and policies for farmers associated with amendments to the Family Farm Protection Act:** The Manitoba Farm Industry Board's involvement in financial mediation did not serve the interests of today's modern farm practices and duplicated services provided by other organizations. The requirement by farmers to complete additional forms during a very stressful time (possible farm foreclosure) was a burden to farmers that was unnecessary, and was therefore eliminated by the department.

The Public Interest Disclosure (Whistleblower Protection) Act

The Public Interest Disclosure (Whistleblower Protection) Act that came into effect in April 2007 and was amended in 2018; gives employees a clear process for disclosing concerns about significant and serious matters (wrongdoing) in the Manitoba public service, and protects employees who make those disclosures from reprisal. The act builds on protections already in place under other statutes, as well as collective bargaining rights, policies, practices and processes in the Manitoba public service.

Wrongdoing under the act may be a contravention of federal or provincial legislation, an act or omission that endangers public safety, public health or the environment, gross mismanagement, or knowingly directing or counseling a person to commit a wrongdoing. The Act is not intended to deal with routine operational or administrative matters.

A disclosure made by an employee in good faith, in accordance with the Act, and with a reasonable belief that wrongdoing has been, or is about to be, committed is considered to be a disclosure under the Act, whether or not the subject matter constitutes wrongdoing. All disclosures receive careful and thorough review to determine if action is required under the Act, and must be reported in a department's annual report in accordance with section 29.1.

The following is a summary of disclosures received by Manitoba Agriculture for fiscal year 2021/22.

Information Required Annually (per section 29.1 of PIDA)	Fiscal Year 2021/ 2022
The number of disclosures received, and the number acted on and not acted on. Subsection 29.1(2)(a)	NIL
The number of investigations commenced as a result of a disclosure. Subsection 29.1 (2)(b)	NIL
In the case of an investigation that results in a finding of wrongdoing, a description of the wrongdoing and any recommendations or corrective actions taken in relation to the wrongdoing, or the reasons why no corrective action was taken. Subsection 29.1(2)(c)	NIL

Equity and Diversity Benchmarks

Manitobans are best served by a public service that is inclusive and representative of the diverse population of Manitoba at all levels of the organization, including senior management. Employment equity status is self-identified on a voluntary basis when individuals are hired into a position or at any time during their employment with Manitoba's public service. Employment equity groups include women, Indigenous peoples, visible minorities, and persons with disabilities. This measure will capture diversity in Manitoba's public service and in senior management.

Equity Group	Benchmarks	% Total Employees as at March 31, 2022
Women	50%	63.5%
Indigenous Peoples	16%	4.8%
Visible Minorities	13%	22.8%
Persons with Disabilities	9%	3.9%

Appendices

Appendix A - Performance Reporting

The Performance Reporting – Indicators of Progress against Priorities is being phased out with the adoption of Balanced Scorecards. 2021/22 will be the final year for this report as Balanced Scorecards will be fully implemented and performance results fully reported.

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2020/21 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links (F)
Productivity change in selected crops, cattle and calves, and hogs.	Increased productivity over time contributes to competitiveness and profitability of Manitoba agricultural producers as well as increasing food security for Manitobans.	<p>2012/16 average</p> <p>Five-year average spring wheat yield: 49.6 bushels/acre.</p> <p>Five-year average canola yield in MB: 35.8 bushels/acre.</p> <p>Five-year average grain corn yield in MB: 120.6 bushels/acre.</p> <p>Five-year average soybean yield in MB: 36.2 bushels/acre.</p>	<p>2017/21 average</p> <p>Five-year average spring wheat yield: 58.5 bushels/acre.</p> <p>Five-year average canola yield in MB: 40.1 bushels/acre.</p> <p>Five-year average grain corn yield in MB: 113.8 bushels/acre.</p> <p>Five-year average soybean yield in MB: 32.7 bushels/acre.</p>	<p>The 30-year trends have been toward increased yields for all four grain crops and for livestock.</p> <p>The 30-year trend wheat yield for 2021 is 56.2 bushels/acre. The wheat average yield for 2021 is 47.9 bushels/acre.</p> <p>The 30-year trend canola yield for 2021 is 39.8 bushels/acre. The canola average yield for 2021 is 29.7 bushels/acre.</p> <p>The 30-year trend grain corn yield for 2021 is 125.0 bushels/acre. The grain corn average yield for 2021 is 95.5 bushels/acre.</p> <p>The 20-year trend soybean yield for 2021 is 36.2 bushels/acre. The soybean average yield for 2021 is 27.1 bushels/acre.</p> <p>The 30-year trend for cattle and calves FCRs is \$629.28M. Cattle and calves FCRs for 2021 is \$628.95M, slightly below trend.</p>	<p>After a strong four years for crop production 2017/2020, yields plummeted in 2021 due to extremely dry conditions.</p> <p>Wheat yields for 2021 came in at 85 per cent of trend, canola was just 74.6 per cent of trend yield, grain corn produced 76.4 per cent of trend yield while soybeans clocked 74.9 per cent of trend yield.</p> <p>Yields were the lowest since 2014 for wheat, 2012 for canola and 2011 for both grain corn and soybeans.</p> <p>Farm cash receipts were a record high for cattle and calves in Manitoba in 2015; 2021 receipts are the third highest on record. The 2021 cattle and calves FCRs (\$628.95M) were below the 30-year trend but above both the baseline and the most recent five-year average, due to higher prices.</p>

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2020/21 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links (F)
		<p>2012/16 Five-year average cattle and calves total farm cash receipts (FCR) \$577.73M.</p> <p>2012/16 Five-year average hogs total FCR \$1.01B.</p>	<p>2017/21 Five-year average cattle and calves FCR \$604.86M.</p> <p>2017/21 Five-year average hogs FCR \$1.12B.</p>	<p>The 30-year trend for hogs FCRs is \$1.22B. The FCRs for 2021 was \$1.40B, notably above trend.</p>	<p>Hog FCRs, \$1.40M, is record high in 2021, replacing the previous record set in 2014. Hog FCRs were higher in 2021 due to much higher prices and slightly higher sales. The receipts are higher than the most recent 5-year average and the baseline.</p>
<p>Producer action to identify and mitigate environmental risks in their farm operation.</p>	<p>Recognizing environmental risks and setting out a plan of action to mitigate risks is an important indicator of the capacity to produce in a sustainable manner.</p>	<p>2005/06 – The Environmental Farm Plan (EFP) program was launched and 3,400 people attended workshops.</p> <p>2005/06 – 1,317 EFPs completed.</p> <p>2008/09 to 2020/21- average annual workshop attendance of 273 producers with average annual completion of 143 EFPs.</p>	<p>2021/22- 493 producers attended 21 virtual workshops.</p> <p>2021/22 - 525 EFP's were completed with a total of 1,070,381 acres assessed.</p>	<p>Producers continue to return to the program to renew their EFPs as needed. Historically, BMP cost share funding has been the major driver of producer interest in the EFP and continues to be.</p>	<p>Over the life of the program, more than 8,000 EFPs have been completed, assessing more than 11.5 million acres of MB farmland.</p> <p>EFPs require updating every five years.</p> <p>A shift towards inclusion of sustainable sourcing concepts and national alignment of the EFP has added value and marketing opportunities for producers (Roquette for peas and Simplot/McCain's for potatoes). Starting September 2021, dairy producers were required to complete an EFP to meet industry requirements. Other commodities continue to move towards this model as well.</p> <p>Online EFP is currently under development and will be launched in 2022/23 and sustainable sourcing standards are being integrated.</p>
<p>The size and impact of the food and beverage manufacturing sector in Manitoba.</p>	<p>Total value of agri-food processing is an indicator of the additional value extracted from Manitoba-produced commodities. Additional processing in Manitoba (versus shipping raw commodities) creates jobs and additional wealth.</p>	<p>2012/2016 Average Five-year average sales value: \$4.5B.</p>	<p>2017/2021 Average Five-year average sales value: \$5.4B.</p>	<p>The food and beverage manufacturing sales have grown with a compound annual growth rate of 4.1 per cent over the period 2012-2021.</p> <p>Over the last ten years, Manitoba food manufacturing sales have fluctuated between \$4.2 and \$6.3B Canadian dollars. Food manufacturing sales values increased between 2012 and 2017, but decreased in 2018, to start rising again in 2019 and reaching the highest value in sales in 2021. Food manufacturing sales in 2021 established a new record of \$6.3B, an increase of 9.6 per cent increase with respect to the previous year.</p>	<p>Food and beverage manufacturing is a highly productive sector. Manitoba exported \$3.8B worth of processed food and beverage products in 2021, up 15.7 per cent from 2020.</p> <p>Over the last five-year period, the trade balance in food and beverage processing sector has been positive and stood at \$2.65B in 2021.</p> <p>Meat processing is expected to keep its lead over the near term. The sector saw a 6.7 per cent increase in sales in 2021 compared to 2020, reaching \$2.4B in 2021. Meat and meat products export value increased by 1.6 per cent from \$1.51B in 2020 to \$1.53B in 2021.</p>

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2020/21 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links (F)
					Over the past five years, there has been significant capital investments that will contribute to the sector's growth.
The size and impact of the bioproducts sector in Manitoba. Value of annual sales of agriproduct processing.	Total value of agriproduct processing is an indicator of the additional value extracted from Manitoba-produced commodities. Additional processing in Manitoba (versus shipping raw commodities) creates jobs and additional wealth.	2014 total revenue for agriproducts: \$275.4M.	2020 total revenue for agriproducts: \$626 M.	<p>The agriproducts sector includes biofuels and biomaterials is growing in Manitoba at a very aggressive pace due to increasing awareness of environmental challenges for non-renewable products.</p> <p>Revenue for Manitoba's clean tech sector, encompassing agriproducts and environmental services increased by 56.5 per cent in 2020 versus 2018, slowing from the 75.4 per cent increase that occurred between 2016 and 2018. The compound annual growth rate (CAGR) from 2014 to 2020 is 14.6 per cent.</p>	<p>The 2014 total revenue for agriproducts was calculated using data from an industry survey conducted by BAM (Bioscience Association Manitoba) for the life sciences industry in Manitoba (AgriBiotech, Bio Energy and Bio Industrial).</p> <p>The 2016 total revenue was estimated from an industry survey led by the department.</p>
Success in turning government support into commercial products and improvements.	Investments in research by government are aimed at seeing new or improved products developed that contribute to farm profitability, new products, competitiveness and additional economic activity.	<p>In 2014/15 the department continued support for FDC with funding of more than \$2M for agrifood innovation, development and commercialization:</p> <p>Eight new products were developed in the pilot plant.</p> <p>32 new food product and ingredient prototypes were created.</p> <p>330 nutrition labels for food products created.</p> <p>18 HACCP plans were developed,</p>	<p>Department funding enabled FDC to shift from the Special Operating Agency (SOA) business model to a Value Added branch that no longer offers commercial production activities, instead focusing on protein research and development targeting agrifood innovation, commercialization and business growth to support the Manitoba Protein Advantage Strategy (MPAS).</p> <p>FDC assisted 18 Manitoba, 1 Northern Manitoba and 8 out-of- province companies with research and development. Services included:</p> <p>Created prototypes for</p>	<p>FDC's protein focus over the past year has increased the proportion of protein and co-product research and development projects at FDC, and sparked interest in Manitoba investment attraction.</p> <p>Out-of-province and U.S. based protein companies are the main drivers of protein extraction and co-product research, processing proteins from both novel and traditional, plant and animal sources.</p> <p>Interest from Manitoba companies to conduct protein research continues at a low level.</p> <p>Demand for FDC facilities and testing is increasing to support and expand research capacity by small and medium sized Manitoba protein ingredient companies.</p> <p>Demand continues for nutrition labelling, shelf life testing and regulatory services from Manitoba companies.</p>	<p>FDC successfully transitioned to the Value Added branch and continues to expand protein capacity to deliver outstanding service to small, medium and large food companies seeking to incorporate the best available science and industrial best practices in developing, testing and manufacturing their food products.</p> <p>FDC is a key asset for Manitoba Agriculture and will continue to be instrumental in achieving the Minister's Mandate and department's strategic goals, including:</p> <ul style="list-style-type: none"> • Growth of agriprocessing businesses; • Retention and attraction of large agriprocessors to increase investment, trade and jobs in Manitoba; • Advancing the development and deployment of the Manitoba Protein Advantage Strategy.

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2020/21 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links (F)
		<p>two as consultations for external clients.</p> <p>Total approved GF2 investments in innovation were \$35.79M in 2014/15 with total GF2 approved funding for all programs being more than \$87.8Mn to date for the agreement.</p>	<p>one novel animal protein ingredient; one plant / animal protein blend food; and three plant protein beverages.</p> <p>Conducted eight plant protein extractions on four protein types from two novel sources; and five co-product extractions from one plant and one animal sources.</p> <p>Tested food applications on two plant protein co-product ingredients tested in seven food applications, three through collaboration with Manitoba academia.</p> <p>Facility rental for three Manitoba companies of which two were plant protein processors.</p> <p>Laboratory activities included validation of new laboratory equipment to support four Manitoba companies of which three were protein based.</p> <p>Sensory expertise was provided for one Canadian research organization and one Manitoba business.</p> <p>Provided regulatory expertise to four Manitoba and one Northern Manitoba agrifood companies with Safe Food for Canada Act (SFCA) compliance, audits and labelling guidance.</p>		

What is being measured and using what indicator? (A)	Why is it important to measure this? (B)	Where are we starting from (baseline measurement)? (C)	What is the 2020/21 result (current year) or most recent available data? (D)	What is the trend over time? (E)	Comments /Recent Actions/Report Links (F)
			<p>Shelf life testing for 10 Manitoba companies enabling market entry for 36 products, including 14 protein products.</p> <p>Path finding services were provided to 78 companies; 71 were referrals for nutrition labelling due to FDC's new business model.</p>		
The number of jobs by sector	The number of jobs is an indicator of a sector's ability to drive economic development	<p>2012-2016 Average</p> <p>Five-year average employment in primary agriculture: 23,742 jobs.</p> <p>Five-year average employment in food and beverage processing sector: 12,583 jobs.</p>	<p>2017-2021 Average</p> <p>Five-year average employment in primary agriculture: 22,320 jobs</p> <p>Five-year average employment in food and beverage Processing sector: 13,608 jobs.</p>	<p>The number of jobs in primary production has decreased by 1.3 per cent every year over the last ten years, mainly due to farm consolidations and advancement in agricultural technologies, both of which leading to fewer people in the agricultural sector.</p> <p>The employment in the food and beverage processing sector has increased by 0.6 per cent every year since 2012.</p>	

Appendix C – Other Reporting Entities

Other Reporting Entities (OREs) are accountable to the Minister. OREs are directly or indirectly controlled by government as prescribed by the Public Sector Accounting Board.

The following Other Reporting Entities (OREs) form part of the department's consolidated results:

Manitoba Agricultural Services Corporation (MASC)

MASC offers three main products; AgrilInsurance, Hail Insurance and agricultural lending. Other programs administered by MASC include the Wildlife Damage Compensation Program, the Farmland School Tax Rebate Program, the Livestock Price Insurance Program, inspection services and any emergency assistance and other programs assigned to it by the province.

- **AgrilInsurance** protects against crop production shortfalls and quality losses caused by natural perils. Losses within a producer's control are not covered. AgrilInsurance covers 80 annual crops, forages during establishment and production, as well as the inability to seed in the spring due to wet conditions.
- **Hail Insurance** is a separate policy covering spot-loss hail damage to producers who participate in AgrilInsurance. Producer premiums fund all hail insurance costs, including administrative expenses. This insurance also provides coverage of losses due to accidental fire.
- **Agricultural lending** provides Manitoba's agricultural producers with reasonable access to credit. MASC provides direct lending to clients and guarantees loans made by private sector financial institutions. MASC offers short, intermediate, and long-term financing at reasonable interest rates to eligible Manitoba agricultural producers. MASC guarantees various types of loans made by private sector lending institutions that are generally considered to be higher risk.

Website: <https://www.masc.mb.ca>

Appendix D - Statutory Responsibilities

- The Agricultural Producers' Organization Funding Act
- The Manitoba Agricultural Services Corporation Act
- The Agricultural Societies Act
- The Department of Agriculture and Resource Development Act [except section 9 insofar as it relates to infrastructure grants or rural economic development initiatives]
- The Agrologists Act
- The Animal Care Act
- The Animal Diseases Act
- The Animal Liability Act
- The Bee Act
- The Cattle Producers Association Act
- The Crown Lands Act
[section 1 as it relates to agricultural Crown lands and subsection 7(1) and section 7.1 as they relate to work permits on agricultural Crown lands, and sections 7.2 to 7.6 and 7.7]
- The Dairy Act
- The Family Farm Protection Act
- The Farm and Food Awareness Act
- The Farm Income Assurance Plans Act
- The Farm Lands Ownership Act
- The Farm Machinery and Equipment Act
- The Farm Practices Protection Act
- The Farm Products Marketing Act
- The Food Safety Act [This Act is not yet in force. It is to come into force on a date to be fixed by proclamation. Although not yet in force, it is to be repealed by S.M. 2021, c. 35, s. 12 on a date to be fixed by proclamation]
- The Fruit and Vegetable Sales Act
- The Land Rehabilitation Act
- The Livestock and Livestock Products Act
- The Livestock Industry Diversification Act
- The Milk Prices Review Act
- The Noxious Weeds Act
- The Organic Agricultural Products Act
- The Pesticides and Fertilizers Control Act
- The Plant Pests and Diseases Act
- The Property Tax and Insulation Assistance Act
[Part III.1 and section 1 and Part VI as they relate to subjects covered under Part III.1]
- The Veterinary Medical Act
- The Veterinary Services Act
- The Wildlife Act
[the portion of clause 89(e) that relates to compensation for damage to crops caused by wildlife as it pertains to big game and migratory waterfowl]
- The Women's Institutes Act

Any statute that is not assigned to a particular Minister are the responsibility of the Minister of Justice.

Glossary

Alignment – The process of enabling all employees to see how their day-to-day actions are consistent with the values of the organization and how living those values is contributing to overall success. Creating alignment ensures employees are working toward the common goal, or vision.

Appropriation – amount voted by the Legislative Assembly approving the maximum amount that may be expended on a specific program or major activity during a fiscal year.

Main Appropriation – the total amount of each resolution passed by the Legislative Assembly as reported in the printed estimates of expenditure.

Sub Appropriation – the total amounts applicable to the various breakdowns of the main appropriations in the printed estimates of expenditure.

Authority – In the financial tables throughout this report, represents the authorized votes approved by the Legislative Assembly in the Estimates of Expenditure as well as any changes as a result of the January 18, 2022 government reorganization, allocations from Enabling Appropriations, or virement transfers between main appropriations within the department. For a full reconciliation of the Printed Estimates of Expenditure to the Authority please see the Expense Summary by Appropriation report in the Report on the Estimates of Expenditure and Supplementary Information (REESI).

Balanced Scorecard – is an integrated strategic planning and performance measurement tool.

Baseline - The current level of performance for all measures.

Cascading – This is the process of developing aligned balanced scorecards throughout an organization. Each level of the organization will develop scorecards, based on the objectives and measures they can influence from the group to whom they report. Cascading allows every employee to demonstrate a contribution to overall organizational objectives.

Consolidation Impacts – The adjustments needed to bring the revenue and expenditure of the Other Reporting Entity (ORE) into the summary budget, and to eliminate transactions between entities to avoid duplication of revenues and expenses (ex: a government grant is counted as an expenditure of core government and is eliminated from the revenue of the ORE).

Full-Time Equivalent (FTE) – A measurement for number of positions. Every full-time regular position represents one full-time equivalent position. Other categories (ex: term, designated departmental) are measured in proportional equivalents, ex: a program with a vote of 1.50 term FTE could hire staff in any combination that results in a total of one-and-one-half years (or 78 weeks) of employment (ex: 6 staff for 3 months (13 weeks) each; 2 staff for 9 months (39 weeks) each; 1 full-time and 1 half-time staff for 1 year; 3 half-time staff for 1 year; etc.).

Government Reporting Entity (GRE) – Core government and the prescribed reporting organizations, such as Crown corporations, government agencies, government business entities and public sector organizations such as regional health authorities, school divisions, universities and colleges.

Grants – Public money provided to an individual, organization or another government to assist in attaining their objectives and for which the government does not receive a good or service.

Gross Domestic Product (GDP) – Represents the total market value of all final goods and services produced in the Manitoba economy.

Guarantees – The province, in the normal course of business, may provide a guarantee to honour the repayment of debt or loans of an organization, primarily GBEs. Such a guarantee is provided on the Manitoba Hydro Savings Bonds.

Initiatives – These are the specific programs, activities, projects, or actions an organization will undertake to meet performance targets. Initiatives are often projects or events that aim to improve a process or an outcome in one of the four perspectives.

Interfund Activity – Public Sector Accounting Standards adjustments including Health and Education Levy and Employee Pension and Other Contributions, attributed to the entire department.

Measure – A measure is a standard used to evaluate and communicate performance against expected results. Measures are normally quantitative in nature, capturing numbers, dollars, percentages, and so on. Reporting and monitoring measures helps an organization gauge progress toward effective implementation of strategy.

Mission Statement – A mission statement defines the core purpose of the organization — why it exists, and reflects employees' motivations for engaging in the organization's work. Effective missions are inspiring, long-term in nature, and easily understood and communicated.

Objective – The objective is a concise statement describing the specific things an organization must do well to execute its strategy. Objectives often begin with an action verb such as increase, reduce, improve, or achieve. Strategy Maps are comprised entirely of objectives. "Strengthen respect in our workplace" is an example of an objective on the government Strategy Map.

Other Reporting Entity (ORE) – Reporting organizations in the GRE such as Crown corporations, government agencies, government business entities and public sector organizations such as regional health authorities, school divisions, universities and colleges that are directly or indirectly controlled by the government, as prescribed by Public Sector Accounting Board – excludes core government.

Perspective – In balanced scorecard language, perspective refers to a category of performance objectives (the highest category of measures that sub-measures or key performance indicators tie into). The standard four perspectives are (Financial, Client, Internal Process, and Employee Learning and Growth).

Special Operating Agencies (SOA) – Service operations within departments granted more direct responsibility for results and increased management flexibility needed to reach new levels of performance. SOAs embrace market disciplines of the private sector while adhering to the public policy imperatives of government. Annual business plans define financial goals and performance targets. SOAs have the ability to raise capital outside of the Consolidated Fund.

Strategy – This represents the broad priorities adopted by an organization in recognition of its operating environment and in pursuit of its mission. Situated at the centre of the balanced scorecard system, all performance objectives and measures should align with the organization's strategy.

Strategy Map – The strategy map is a visual representation of what must be done well to execute strategy. Strategy maps reflect performance objectives spanning the four perspectives, combining to tell the organization's strategic story.

Target – The target presents the desired result of a performance measure. A target provides the organizations with feedback about performance.

Values – Values represent the deeply-held beliefs of the organization, which are demonstrated through the day-to-day behaviours of all employees. An organization's values make an open proclamation about how it expects everyone to behave. Values should endure over the long-term and provide a constant source of strength for an organization.

Virement – Refers to a transfer of expenditure authority between operating appropriations within a department

Vision – A powerful vision provides everyone in the organization with a shared mental framework that helps give form to the often abstract future that lies ahead. Effective visions provide a word picture of what the organization intends to ultimately become — which may be 5, 10, or 15 years in the future. This statement should contain as concrete a picture of the desired state as possible, and also provide the basis for formulating strategies and objectives. The vision serves as the guiding statement for the work being done. It should answer why the work being done is important.