

### AGRICULTURAL SERVICE BOARD AGENDA

The Agricultural Service Board will hold a meeting on Monday, June 20, 2022 at 9:00 a.m. in Council Chambers, 10-1408 Twp. Rd. 320, Didsbury, AB, and live streamed via Zoom Cloud Meetings.

- 1. Call to Order
- AGENDA
   2.1 Adoption of Agenda
- ADOPTION OF MINUTES
   3.1 Agricultural Service Board Meeting Minutes of April 25, 2022
- 4. BUSINESS ARISING
- 5. DELEGATIONS Nil
- 6. OLD BUSINESS
  - 6.1 ALUS Projects
  - 6.2 Riparian & Ecological Enhancement Projects
  - 6.3 Emergency Livestock Handling Equipment Trailer
  - 6.4 Re-Connect with the Farm Tour Open Farm Days Event
- 7. NEW BUSINESS
  - Nil

#### 8. REPORTS

- 8.1 a. Seed Plant Updates (verbal report)
  - b. Workshop updates
  - c. Central Region Agricultural Services Board Chair / Fieldman Meeting (verbal report)
  - d. 2022 Agricultural Services Board Resolution Response Grading
  - e. Assistant Deputy Minister Agricultural Services Board Chair Town Hall (verbal report)
  - f. Silage Plastic Demonstration (verbal report)
  - g. Grey Wooded Forage Association Annual General Meeting & Sponsorship Appreciation Event (*verbal report*)
  - h. Alberta Agriculture, Forestry and Rural Economic Development Crop Report June 7, 2022
  - i. Prairie Pest Monitoring Network Weekly Updates
- 9. CORRESPONDENCE Nil
- 10. CONFIDENTIAL ITEMS Nil
- 11. ADJOURNMENT

NEXT MEETING DATE - July 18, 2022

### MINUTES

### AGRICULTURAL SERVICE BOARD MEETING

Mountain View County

PRESENT:		<ul> <li>Minutes of the Agricultural Service Board Meeting held Monday, April 25, 2022, at 9:00 a.m. in Council Cham 1408 Twp. Rd. 320, Didsbury, AB, and live streamed v Cloud Meetings.</li> <li>B. Rodger; Chair</li> <li>B. Buschert, Vice Chair</li> <li>Councillor D. Fulton</li> <li>Councillor A. Miller</li> <li>Councillor G. Krebs</li> <li>S. LaBrie</li> <li>T. Huyzer</li> <li>C. Cameron</li> <li>K. Overguard</li> </ul>	bers, 10-
ABSENT:			
IN ATTENDANCE:		<ul> <li>J. Fulton, Assistant Director of Legislative, Community and Agricultural Services</li> <li>L. Grattidge, Sustainable Agricultural Specialist</li> <li>R. Meyers, Administrative Support</li> <li>C. Chrenek, Assistant Agricultural Fieldman</li> <li>C. Verpy, Agricultural Coordinator</li> </ul>	
CALL TO ORDER		B. Rodger, Chair, called the meeting to order at 8:56 a	.m.
AGENDA		The Chair advised of the following amendments to the Agenda: 1. 9.1 d ASB Connector – 2022 Fertilizer Emiss Reduction Consultation Survey 2. 10.2 ALUS Video – Section 24 – Advice from	
	ASB22-037	Moved by S. LaBrie That the Agricultural Service Board adopt the agenda o Agricultural Service Board Meeting of April 25, 2022, a amended.	
MINUTES		<ul> <li>T. Huyzer advised of an amendment to the Agricultural Board Meeting minutes of March 21, 2022.</li> <li>1. 9.1 c East Old's Dairy Farm to East Olds Dair Farmers Invitation</li> </ul>	

	ASB22-038	Moved by T. Huyzer That the Agricultural Service Board adopt the Minutes of the Agricultural Service Board Meeting of March 21, 2022, as amended. Carried.
BUSINESS ARISING OUT OF THE MINU		NIL
OLD BUSINESS ALUS Updates and Programs	I	L. Grattidge presented four ALUS Projects for approval consideration:
		Councillor Krebs suggested that consideration for the ALUS videography project prioritize choosing a participant that best showcases and speaks to the value of the ALUS program.
	ASB22-039	Moved by S.LaBrie That the Agricultural Service Board approves funding for 100% of the materials for the riparian fencing project to a maximum of \$642 on the S 36-33-06-W5 from the 2022 ALUS budget. Carried.
	ASB22-040	Moved by Councillor Krebs That the Agricultural Service Board approves funding for 75% of the materials, to a maximum of \$2,509.50, for the riparian fencing projects and 25% of the materials for a solar watering system to a maximum of \$1,250 on the NE 01-30-02-W5, and additionally \$1,575 to annual payments for the maintenance of these projects from the 2022 ALUS budget. Carried.
	ASB22-041	Moved by Councillor Miller That the Agricultural Service Board approves funding for 25% of the solar watering system materials to a maximum of \$1,250 on the NE 07-29-03-W5 and \$3,045 to annual payments for the maintenance of this project from the 2022 ALUS budget. Carried
	ASB22-042	Moved by Councillor Miller That the Agricultural Service Board approves funding for 100% of the materials, to a maximum of \$5,000 per project, for the three riparian fencing projects to a total of \$7,520, 25% of the materials for one solar watering systems to a maximum of \$2,250, 100% of the forage seed to a maximum of \$5,000 and 25% of the ecobuffer seedlings and protection to a maximum of \$1,375 on the S 03-31- 28-W4 and additionally \$11,462.50 to annual payments for the maintenance of these projects from the 2022 ALUS budget.

Carried.

RECESS AND RECONVENE:	B. Rodger recessed the meeting at 10:35 a.m. and reconvened the meeting at 10:49 a.m.
<b>DELEGATIONS</b> Annemarie Pedersen Alberta Farm Animal	
Care Support	B. Rodger welcomed Annemarie Pedersen, Executive Director, Alberta Farm Animal Care Support who presented an overview on the benefits of membership.
ASB22-043	Moved by Councillor Fulton That the Agricultural Service Board recommend funding for \$1000 for Alberta Farm Animal Care silver membership for the 2023 budget.
	Carried.
ASB22-044	Moved by Councillor Krebs That the Agricultural Service Board directs administration to bring back for discussion, emergency livestock trailers for Mountain View County.
	Carried.
OLD BUSINESS CONT.	
Agricultural Service Board	
Strategic Plan	J. Fulton provided a summary of reporting information to include in the Agricultural Service Board Strategic Plan and proposed seven Key Performance Indicators (KPI) that align with strategic priorities for board consideration.
ASB22-045	Moved by Councillor Fulton That the Agricultural Service Board direct administration to return with a sample report outlining Key Performance Indicators.
	Carried.
Clubroot Resolution	
Discussion	J. Fulton provided information on the item for discussion.
ASB22-046	Moved by B. Buschert That the Agricultural Service Board table drafting a resolution regarding reporting of Clubroot.
	Carried.
NEW BUSINESS	
Field Visit 2022 letter	J. Fulton provided an overview of the item.
ASB22-047	Moved by Councillor Miller That the Agricultural Service Board set the field visit date for September 19, 2022.
	Carried.

REPORTS Seed Plant Updates	The Seed Plant meeting was postponed to April 28, 2022.
	S. LaBrie attended the Olds Seed Processing Co-op and provided an update.
Workshop Updates	<ul> <li>L. Grattidge highlighted the following workshops:</li> <li>Alberta Pulse Growers webinar</li> <li>Emergency Preparedness Week</li> <li>Green Acreages workshop</li> <li>Shelterbelt &amp; Ecobuffer Health webinar</li> </ul>
2021 Insect Pest	J. Fulton provided an update on Aggie Days events, activities and sponsors.
Monitoring Surveys Mountain View County	C. Verpy presented the report for information.
CFIA - Response to detections of highly pathogenic avian influenza (H5N1)	J. Fulton presented the item for information.
	B. Buschert suggested that the Agricultural Service Board administration organize a workshop focused on a broad range of diseases and explain why biosecurity is important.
Chief Provincial Veterinarian Highly Pathogenic Avian Influenza (HPAI) – Updates	J. Fulton presented the item for information.
A Made-In-Alberta Solution To Battle Wild Boar Media Release	J. Fulton presented the item for information.
ASB22-048	Moved by T. Huyzer That the Agricultural Service Board receive the following as information: a) Seed Plant Updates b) Workshop Updates c) 2021 Insect Pest Monitoring Surveys Mountain View County d) CFIA – Response to detections of highly pathogenic avian influenza (H5N1) e) Chief Provincial Veterinarian Highly Pathogenic Avian Influenza (HPAI) – Updates f) A Made-In-Alberta Solution to Battle Wild Boar Media Release Carried.
CORRESPONDENCE Ag Forward Newsletter Managing On-Farm Plastics – Baler Twine	L. Grattidge presented the item for information.
Hasties Baler Fwille	L. Grattinge presented the item for information.

Grey Wooded Forage	
Association Annual General Meeting Invitation	L. Grattidge presented the item for information.
	Moved by S.LaBrie That two members from the Agricultural Service Board attend the Grey Wooded Forage Annual General Meeting on June 9, 2022.
Grey Wooded Forage Association Sponsorship Appreciation Event	Carried. L. Grattidge presented the item for information.
ASB Connector 2022 Fertilizer Emissions Reduction Consultation	J. Fulton presented the item for information.
ASB22-049	<ul> <li>Moved by Councillor Krebs</li> <li>That the Agricultural Service Board receive the following correspondence for information:</li> <li>a. Ag Forward Newsletter: Managing On-Farm Plastics - Baler Twine</li> <li>b. Grey Wooded Forage Association Annual General Meeting Invitation</li> <li>c. Grey Wooded Forage Association Sponsorship Appreciation Event</li> <li>d. ASB Connector 2022 Fertilizer Emissions Reduction Consultation</li> </ul>
IN CAMERA ASB22-050	Moved by Councillor Krebs That the Agricultural Service Board meeting of April 25, 2022 go into closed meeting at 12:28 p.m. to deal with items relative to the FOIP Act, Section 24.
ASB22-051	Moved by Councillor Krebs That the Agricultural Service Board meeting of April 25, 2022 return to open meeting at 12:35 p.m.
	Carried.
NEXT MEETING DATE	June 20, 2022.
ADJOURNMENT	Chair B. Rodger adjourned the Agricultural Service Board Meeting of April 25, 2022, at 12:39 p.m.

Chair

I hereby certify these minutes are correct.

Assistant Director of Legislative, Community and Agricultural Services



**Agricultural Services Board Meeting** 

## **Request for Decision**

Date: June 20, 2022

SUBJECT: ALUS Projects

**RECOMMENDATION:** That the Agricultural Services Board approves funding for 25% of the materials for a portable solar waterer to a maximum of \$1,250 on the S 3-31-28-W4 from the 2022 ALUS budget.

That the Agricultural Service Board approves funding for 100% of the materials, to a maximum of \$1,107 for the dugout fencing project and \$4,634 for the wetland fencing project and 25% of the materials for a solar watering system to a maximum of \$1,250 on the NW 5-32-27-W4, and additionally \$590 to annual payments for the maintenance of these projects from the 2022 ALUS budget.

That the Agricultural Services Board approves funding for 25% of the materials for a portable solar waterer to a maximum of \$2,500 on the NE 16-33-03-W5 from the 2022 ALUS budget.

That the Agricultural Service Board approves funding for 100% of the materials, to a maximum of \$585, for the riparian fencing project and 25% of the materials for a solar watering system to a maximum of \$1,375 on the NW 16-32-05-W5, and additionally \$330 to annual payments for the maintenance of these projects from the 2022 ALUS budget.

That the Agricultural Service Board approves funding for 100% of the materials, to a maximum of \$2,111, for the wetland fencing project and 25% of the materials for a solar watering system to a maximum of \$622.25 on the NE 17-31-03-W5, and additionally \$630 to annual payments for the maintenance of these projects from the 2022 ALUS budget.

That the Agricultural Service Board approves funding for 100% of the materials, to a maximum of \$4,124 for the wetland fencing project, 25% of the materials, to a maximum of \$846.50 for the shelterbelt fencing project, 100% of the forage seed to a maximum of \$4,200 and 25% of the shelterbelt seedlings to a maximum of \$300 on the SW 10-33-27-W4 and additionally \$10,690 to annual payments for the maintenance of these projects from the 2022 ALUS budget.

That the Agricultural Service Board approves funding for 25% of the portable solar watering system materials to a maximum of \$3,628.50 on the SE 04-30-03-W5, SW 03-30-03-W5 and \$5,565 to annual payments for the maintenance of this project from the 2022 ALUS budget.

That the Agricultural Service Board approves funding for 100% of the materials, to a maximum of \$2,560, for the creek fencing project on the NW 35-32-07-W5, and additionally \$1,590 to annual payments for the maintenance of this project from the 2022 ALUS budget.

**ALTERNATIVE OPTIONS:** That the Agricultural Service Board receives for information the ALUS project applications as presented.

**BACKGROUND:** In 2022, four landowners have been approved for ALUS projects in Mountain View County impacting 139 acres of wetland, riparian and upland areas. Projects will be presented for approval consideration. Project Decision Consideration Guidelines are attached for reference purposes. Applications have been scored using the project rating form and funding recommendations are based on the rating. Agricultural Services has developed a funding spreadsheet based on these evaluations for review.

6 1 - RFD - ALUS Projects - June 2022 (ID 588920).docx

#### RELEVANT POLICY: Policy/Procedure #6309 Riparian and Ecological Enhancement Program Funding

#### BUDGET IMPLICATIONS:

- 1. 2022 Mountain View County Project Funding: \$25,000
- 2. W. Garfield Weston Foundation: \$30,000
- 3. Canada Nature Fund for Aquatic Species at Risk: \$33,560
- 4. Grazing Forward: \$12,500
- 5. 2022-23 Alberta Conservation Association Grant: \$25,000

### Attachments 🔀 Nil 🗌

- 1. MVC PAC Project Decision Consideration Guidelines June 2022
- 2. ALUS Projects June 2022
- 3. ALUS Project Spreadsheet June 2022

PREPARED BY: RM, LG REVIEWED BY: JF



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ALUS, originally an acronym for Alternative Land Use Services, is an innovative community-developed and farmerdelivered program that produces, enhances, and maintains ecosystem services on agricultural lands. Mountain View County receives funds from ALUS to administer a program to meet the vision and mission of the organization.

#### **Vision Statement**

Sustaining agriculture, wildlife and natural spaces for communities and future generations.

#### **Mission Statement**

ALUS helps farmers and ranchers build nature-based solutions on their land to sustain agriculture and biodiversity for the benefit of communities and future generations.

#### Mountain View County Agricultural Service Board and Partnership Advisory Committee

The Mountain View Agricultural Service Board (ASB) is acting as the Partnership Advisory Committee (PAC). All members of the ASB/PAC are encouraged to promote and participate in ALUS projects.

#### Goals

Mountain View County Agricultural Service Board (ASB) / Partnership Advisory Committee (PAC) values, protects and promotes a thriving agricultural community and the preservation of the Region's unique and precious natural environment. The administration and delivery of the ALUS program encourages and supports agriculture into the future, promoting beneficial management practices that are environmentally sustainable. Mountain View County's agricultural community implements projects on working landscapes to create, restore and enhance natural areas such as wetlands, grasslands, riparian areas and treed areas; resulting in cleaner air and water, healthy soils, sustainable food production and habitat for: fish and wildlife, species at risk and native pollinator insects.

#### Mountain View County identified areas of focus for ALUS program

- Preserving and establishing trees in areas of low concentration
- Reclaiming Alkali or Marginal Soils to Native stands
- Increasing and promoting pollinator establishment
- Reclaiming marginal cropland for buffering around streams; preserving potholes or wetlands
- Education focused on enhanced grazing practices and soil health improvements on productive farmland

#### **ALUS Applicants**

- Farmers or ranchers with a registered or legally defined farming operation are eligible recipients of ALUS annual payments.
- Land zoned Agriculture in MVC is eligible for ALUS projects.
- Land renters with a registered or legally defined farming operation are eligible recipients of ALUS payments (a letter of authorization from the landowner is required) or the owner of rented farm land may qualify if they are receiving less rent due to the establishment of a project.
- Rural non-farm landowners are ineligible for payments under ALUS.

To compare the Canadian Agricultural Partnership definition to be eligible for funding is: Active producer: An individual or a registered corporation responsible for the day-to-day management and work on the farm, including responsibility for input costs for agricultural crops or livestock producing at least \$10,000 worth of farm commodities annually, but does not include a landlord whose only interest in the crop or livestock is that of ownership of the land.

#### Non Farm Lands

As stated above generally non-farmers are ineligible to participate in ALUS. ALUS projects have been implemented on a couple of commercial properties to showcase the concept and the project, but no annual payments are made.

#### ALUS priority targets

- Improvements to environmentally-sensitive, marginal or inefficient farm land.
- Enhancing natural features contained within the farmed portion of the land.
- Complexes of wetlands, riparian zones and grassed uplands on and adjacent to selected parcels of farmland.
- Working lands and adjacent areas with special biodiversity features or ecological assets/opportunities.

ALUS does not want to retire productive farm land but there are exceptions. Rental rates for productive farm land are generally higher than the ALUS annual payments and thus there is increased risk of reversal of ALUS projects when commodity prices are high. However, there are a couple of examples where productive land might be retired to conservation – i.e. on productive but environmentally sensitive lands such as a floodplain beside a water body or where the productive lands are inefficient to farm. Additionally, this could include odd areas, narrow corridors along shelterbelts, corners of fields, or where farm equipment is too large to efficiently work the ground.

#### **Project Selection Guidelines**

All projects funded are guided by the principles and criteria outlined in <u>Policy/Procedure #6309 Riparian and Ecological</u> <u>Enhancement Program Funding</u>.

#### Things to consider when approving a New Project proposal

- □ Is the project on marginal or environmentally sensitive lands that are currently under agricultural production?
- Does the project meet current local environmental priorities?
- Does the project provide new or complement existing "ecosystem services"?
- Does the project improve diversity?
- Does the project complement existing programs ie: EFP, Canadian Agricultural Partnership?
- □ Has the Participant shown interest in contributing to project establishment?
- Are their opportunities for delivery partnerships, cost savings, non-duplication etc.?
- Will this project likely remain if annual payments cease to continue?
- □ Can this project be used as a Demonstration Site?
- Does the Landowner plan to retain the property for at least 10 years?
- Does the project link existing natural features?
- □ Is the project on less than 20% of the farmed portion of the land?

ALUS projects for review by the PAC's should make note of the local environmental priorities identified by locally driven environmental report cards, studies, or environmental assessments.

#### Initial Project Establishment costs

Funding amount allocated will be prorated based on other funding received for the project. The maximum amount an applicant can receive per voluntary project will be evaluated case by case.

Material costs for project establishment are eligible for funding. Additional expenses may be eligible for funding in Wetland restoration projects due to expertise required to ensure success ie: consultation, planting, monitoring, and reporting costs. In the event of poor initial vegetation establishment, reseeding will not be considered for funding.

#### Project Annual Payments (November or December)

PAC's should consider: Land rental rate base Cropland vs pasture vs marginal land – link to opportunity costs Extent of continued agricultural use/benefits Existing vs new services; recognition for existing services

Maximum	Use adjustment
amount	
\$50/acre	If grazed or Hay / 50% approved practice
\$30/acre	If grazed or Hay / 50% approved practice
\$15/acre	If grazed or Hay / 50% approved practice
\$30/acre	n/a
\$10/acre	n/a
\$30/acre	n/a
\$50/acre	n/a
	amount \$50/acre \$30/acre \$15/acre \$30/acre \$10/acre \$30/acre

#### ALUS MVC payment schedule - updated December 2020, should be reviewed regularly

\* These areas will only be consolidated if new creation, enhancement, or restoration has taken place on the property.

**Cropland** - this is based on the average rental rate for the county. Restoration, enhancement, or creation of habitats in these areas receive the cropland payment. This could include the establishment of new shelterbelts or eco-buffers. ALUS is not meant to compete for good cropland areas, rather it focuses on marginal and odd areas that will complement adjacent natural areas. Cropland rates will also be paid for pasture/hayland areas if the soils are good.

**Pasture** - this is areas that are marginally productive that are in either pasture or hayland, often in riparian areas. Should the pasture be hayed or grazed later season (after Aug 1) or during dormant season (Oct 15-Mar 15), the payment will be reduced accordingly (typically by 50%) unless this is deemed necessary for maintenance. Restoration, enhancement, or creation of habitats in these areas receive the pasture payment. This could include the establishment of new shelterbelts or eco-buffers.

**Existing Native uplands** - these are areas that have often been left unused/untouched on a farm or areas that are enhanced or protected. These include areas surrounding a wetland or riparian area, bush, forested area, grasslands, etc. Existing shelterbelts or eco-buffers will be considered at similar payment rates.

**Permanent Wetlands** - this includes any waterbody, focuses on sloughs (potholes) but also includes creeks. Different sizes of wetlands are generally more or less vulnerable to being drained so payments are greater for smaller (up to 2 acres) versus larger wetlands. A payment may be considered for shallow, temporary, ephemeral wetlands (potholes) in annual cropland if they are not ditched or drained, farming through is acceptable if feasible; payments will continue in dry years.

**Use Adjustment -** In some cases the PAC might allow the farmer/rancher to use the ALUS project for part of their farm operation. For instance, the farmer may want to let their cows pasture on the prairie project, or even bale those acres for winter feed. To encourage management practices that ensure the project still offers the ecosystem services, the PAC may agree to a partial payment to the farmer. An example of this might be allowing a farmer/rancher to hay the prairie acres only once in August so the prairie can provide nesting habitat for grassland birds.

#### By your own hand

This refers to projects that have been completed in the past by a farmer now applying to ALUS. In some communities the PAC has recognized existing projects if they were done since 1990 by the farmer's own hand AND that acreage is matched by a new project. ie: If the participant had 8 acres of hedgerow already on the farm and they put in a new project of 8 acres of new prairie, the participant could receive annual payments for 16 acres. Another example in Western Canada includes existing wetlands and bush that have not been drained or cleared whereby we can enroll such existing habitats into ALUS assuming some improvements are made on the same parcel of land.

#### Annual payment agreement terms

ALUS payment agreement terms are for 5 years. Consideration should be given to allowing term renewals.

#### **Project Monitoring**

All projects will be monitored on an annual basis and the farmer will be responsible for maintenance, 10% of past projects will be verified by a third party annually.

#### **ALUS Funding History**

National Wetland Conservation Fund / National Conservation Plan (NCP) of Environment Canada (wetland associated projects only, up to 15% for administration) Year 1 (2014): \$36,812.50, Year 2 (2015): \$30,000

W. Garfield Weston Foundation (new acres, renewals, annual payments, program delivery) Year 1 (2015): \$2,000, Year 2 (2016): \$10,000, Year 3 (2017): \$10,000, Year 4 (2018): \$52,000, Year 5 (2019): \$28,381.29, Year 6 (2020): \$2,225

Bissett Action Fund (new acres establishment costs and annual payments) Year 1 (2017): \$40,000

ACA Conservation, Community and Education Grant (establishment costs) Year 1 (2017): \$11,800 Year 2 (2018): \$14,083.50 Year 3 (2019): \$14,697.04 Year 4 (2020): \$17,595 Year 5 (2021): \$20,507.51

Canada Nature Fund for Aquatic Species at Risk (90 new acres, establishment costs, year one of annual payments, program delivery, priority is the improvement of aquatic habitat that can support fish species) Year 1 (2019): \$2,429.26 Year 2 (2020): \$47,484 Year 3 (2021): \$40,002

RBC – (administration, outreach activities, establishment costs, annual payments) Year 1 (2020): \$1,700

Anonymous Donor – (50 new acres, establishment costs, year one of annual payments, program delivery) Year 1 (2020): \$20,000

Grazing Forward (A&W Canada & Cargill) – (60 new acres, establishment costs, annual payments, program delivery, must have cattle grazing as part of farming operation, adaptive multi-paddock grazing and other enhanced grazing practices are supported, maximum cost/acre supported is \$250) Year 1 (2021): \$15,000

Environment and Climate Change Canada EcoAction – (81 new acres, establishment costs, annual payments, program delivery, priority is the engagement of producers in environmental restoration and enhancement projects in the Red Deer River Basin) Year 1 (2021): \$14,000

ALUS Projections

2022: 8 new ALUS participants with projects covering a total of 180 acres

















### ALUS 2022 Projects

ALUS 2022 Projects			r r					
ALUS Project - S 36-33-06-W5								
Project Expenses	Estimated Costs	CAP%	MVC%	Acres	\$/acre	5 year Contract Annual Payment	\$ CAP Estimated	\$ MVC Allocated
Fencing Materials	\$1,142.00		100.00%				\$0.00	\$1,142.00
Annual Payments								
(no additional acres)						\$0.00		\$0.00
Total Annual Payment	_					\$0.00		\$0.00 -\$500.00
Previously Allocated in 2021 for Portable Electric Fence Totals	\$1,142.00			0		\$0.00	\$0.00	-\$500.00 \$642.00
Total ALUS Project Funds	φ1,142.00			0		\$0.00	\$0.00	\$62,500.00
Total ACA/MVC allocated from REEP								\$44,000.00
Total Carry-over from projects not completed/interest etc.								\$870.99
Total ALUS Funds Remaining								\$106,728.99
ALUS Project - NE 01-30-02-W5								
Project Expenses	Estimated Costs	CAP%	MVC%	Acres	\$/acre	5 year Contract Annual Payment	\$ CAP Estimated	\$ MVC Allocated
Fencing Materials	\$3,346.00		75.00%	Auroa	Ψ/ αυιο	Annual Laymonc	\$0.00	\$2,509.50
Fencing Labour & Equipment	\$3,346.00		0.00%				\$0.00	\$2,509.50
Solar Watering System	\$5,000.00		25.00%				\$0.00	\$1,250.00
Annual Payments								
Small Wetlands	T			0.7	\$30.00	\$21.00		\$105.00
Riparian Pasture				4.8	\$30.00	\$144.00		\$720.00
Hayland (riparian buffer)				3	\$50.00	\$150.00		\$750.00
Total Annual Payment Totals	\$11,692.00			8.5		\$315.00 \$315.00		\$1,575.00 <b>\$5,334.50</b>
Total ALUS Project Funds	\$11,092.00			0.5		\$313.00		\$106,728.99
Total ALUS Funds Remaining	1 1							\$101,394.49
ALUS Project - NE-07-29-03-W5								
Project Expenses	Estimated Costs	CAP%	MVC%	Acres	\$/acre	5 year Contract Annual Payment	\$ CAP Estimated	\$ MVC Allocated
Solar Watering System	\$5,000.00		25.00%				\$0.00	\$1,250.00
Annual Payments								
Riparian Pasture				18.5 1.8	\$30.00 \$30.00	\$555.00 \$54.00		\$2,775.00 \$270.00
Small Wetlands Total Annual Payment				1.8	\$30.00	\$54.00		\$270.00
Totals	\$5,000.00			20.3		\$609.00		\$4,295.00
Total ALUS Project Funds								\$101,394.49
Total ALUS Funds Remaining								\$97,099.49
ALUS Project - S-03-31-28-W4								
Project Expenses	Estimated					5 year Contract	\$ CAP	
		CAP%	MVC%	Acres	\$/acre	5 year Contract Annual Payment	\$ CAP Estimated	\$ MVC Allocated
	Costs	CAP%	MVC%	Acres	\$/acre	5 year Contract Annual Payment	\$ CAP Estimated \$0.00	-
Fencing Materials - New Dugout Fencing Materials - SW Wetland		CAP%		Acres	\$/acre	-	Estimated	\$ MVC Allocated \$1,230.00 \$1,290.00
Fencing Materials - New Dugout	Costs \$1,230.00	CAP%	100.00%	Acres	\$/acre	-	Estimated \$0.00	\$1,230.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding	Costs \$1,230.00 \$1,290.00	CAP%	100.00% 100.00%	Acres	\$/acre	-	Estimated \$0.00 \$0.00	\$1,230.00 \$1,290.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00	CAP%	100.00% 100.00% 55.43% 0.00% 0.00%	Acres	\$/acre	-	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$0.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 0.00% 25.00%	Acres	\$/acre	-	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$0.00 \$1,250.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Winter Solar Waterer	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 0.00% 25.00%	Acres	\$/acre	-	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$0.00 \$1,250.00 \$2,250.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Winter Solar Waterer Forage/Permanent Pasture Seed	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$6,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33%	Acres	\$/acre	-	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Winter Solar Waterer Forage/Permanent Pasture Seed Ecobuffer seedlings and protection (mats/mulch/fence)	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,500.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00%	Acres	\$/acre	-	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00 \$1,375.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Winter Solar Waterer Forage/Permanent Pasture Seed	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$6,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33%	Acres	\$/acre	-	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Winter Solar Waterer Forage/Permanent Pasture Seed Ecobuffer seedlings and protection (mats/mulch/fence) Seeding/Equipment	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,000.00           \$5,500.00           \$5,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00% 0.00%	Acres	\$/acre	-	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00 \$1,375.00 \$0.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Winter Solar Waterer Forage/Permanent Pasture Seed Ecobuffer seedlings and protection (mats/mulch/fence) Seeding/Equipment Habitat houses (bird houses and bee condos)	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,000.00           \$5,500.00           \$5,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00% 0.00%	Acres	\$/acre 	-	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00 \$1,375.00 \$0.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Winter Solar Waterer Forage/Permanent Pasture Seed Ecobuffer seedlings and protection (mats/mulch/fence) Seeding/Equipment Habitat houses (bird houses and bee condos) Annual Payments Small Wetlands Large Wetlands	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,000.00           \$5,500.00           \$5,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00% 0.00%	0.4 28.4	\$30.00	Annual Payment	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00 \$1,375.00 \$0.00 \$0.00 \$0.00 \$40.00 \$0.00 \$1,420.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Winter Solar Waterer Forage/Permanent Pasture Seed Ecobuffer seedlings and protection (mats/mulch/fence) Seeding/Equipment Habitat houses (bird houses and bee condos) Manual Payments Small Wetlands Large Wetlands Riparian Pasture	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,000.00           \$5,500.00           \$5,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00% 0.00%	0.4 28.4 16	\$30.00 \$10.00 \$30.00	Annual Payment	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00 \$1,375.00 \$0.00 \$0.00 \$60.00 \$1,420.00 \$2,400.00
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Portable Solar Waterer Forage/Permanent Pasture Seed Ecobuffer seedlings and protection (mats/mulch/fence) Seeding/Equipment Habitat houses (bird houses and bee condos) Manual Payments Small Wetlands Large Wetlands Riparian Pasture Shelterbelts/New Ecobuffer	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,000.00           \$5,500.00           \$5,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00% 0.00%	0.4 28.4 16 11.1	\$30.00 \$10.00 \$15.00	Annual Payment	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00 \$1,375.00 \$0.00 \$0.00 \$0.00 \$1,420.00 \$1,420.00 \$832.50
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Winter Solar Waterer Forage/Permanent Pasture Seed Ecobuffer seedlings and protection (mats/mulch/fence) Seeding/Equipment Habitat houses (bird houses and bee condos) Manual Payments Small Wetlands Large Wetlands Riparian Pasture Shelterbelts/New Ecobuffer New Forage Seeding (50% use adjustment on cropland rate)	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,000.00           \$5,500.00           \$5,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00% 0.00%	0.4 28.4 16	\$30.00 \$10.00 \$30.00	Annual Payment	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00 \$1,375.00 \$0.00 \$0.00 \$1,420.00 \$1,420.00 \$2,400.00 \$832.50 \$6,750.00
Fencing Materials - New Dugout         Fencing Materials - SW Wetland         Fencing Materials - SE Wetland         Fencing Labour & Equipment         Portable Solar Waterer         Forage/Permanent Pasture Seed         Ecobuffer seedlings and protection (mats/mulch/fence)         Seeding/Equipment         Habitat houses (bird houses and bee condos)         Manual Payments         Small Wetlands         Large Wetlands         Riparian Pasture         Shelterbelts/New Ecobuffer         New Forage Seeding (50% use adjustment on cropland rate)         Total Annual Payment	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,000.00           \$5,500.00           \$5,000.00           \$5,000.00           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00% 0.00%	0.4 28.4 16 11.1 54	\$30.00 \$10.00 \$15.00	Annual Payment	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00 \$1,375.00 \$0.00 \$0.00 \$1,420.00 \$1,420.00 \$2,400.00 \$832.50 \$6,750.00 \$11,462.50
Fencing Materials - New Dugout Fencing Materials - SW Wetland Fencing Materials - SE Wetland Fencing Materials for Forage Seeding Fencing Labour & Equipment Portable Solar Waterer Forage/Permanent Pasture Seed Ecobuffer seedlings and protection (mats/mulch/fence) Seeding/Equipment Habitat houses (bird houses and bee condos) Manual Payments Small Wetlands Large Wetlands Riparian Pasture Shelterbelts/New Ecobuffer New Forage Seeding (50% use adjustment on cropland rate)	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,000.00           \$5,500.00           \$5,000.00	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00% 0.00%	0.4 28.4 16 11.1	\$30.00 \$10.00 \$15.00	Annual Payment	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$5,000.00 \$1,375.00 \$0.00 \$0.00 \$1,420.00 \$1,420.00 \$2,400.00 \$832.50 \$6,750.00
Fencing Materials - New Dugout         Fencing Materials - SW Wetland         Fencing Materials - SE Wetland         Fencing Materials - SE Wetland         Fencing Materials - SE Wetland         Fencing Materials for Forage Seeding         Fencing Labour & Equipment         Portable Solar Waterer         Winter Solar Waterer         Forage/Permanent Pasture Seed         Ecobuffer seedlings and protection (mats/mulch/fence)         Seeding/Equipment         Habitat houses (bird houses and bee condos)         Annual Payments         Small Wetlands         Large Wetlands         Riparian Pasture         Shelterbelts/New Ecobuffer         New Forage Seeding (50% use adjustment on cropland rate)         Total Annual Payment	Costs           \$1,230.00           \$1,290.00           \$9,021.00           \$4,154.00           \$15,695.00           \$5,000.00           \$9,000.00           \$5,000.00           \$5,500.00           \$5,000.00           \$5,000.00           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000           \$10,000	CAP%	100.00% 100.00% 55.43% 0.00% 25.00% 25.00% 83.33% 25.00% 0.00%	0.4 28.4 16 11.1 54	\$30.00 \$10.00 \$15.00	Annual Payment	Estimated \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,230.00 \$1,290.00 \$5,000.00 \$0.00 \$1,250.00 \$2,250.00 \$2,250.00 \$1,375.00 \$0.00 \$1,375.00 \$0.00 \$1,420.00 \$2,400.00 \$1,420.00 \$832.50 \$6,750.00 \$11,462.50 \$28,857.50

ALUS Project - NW-05-32-27-W4								
	Estimated	0170/	10/00/	•	<b>A</b> (a	5 year Contract	\$ CAP	
Project Expenses Dugout Fencing Materials	\$1,107.00	CAP%	MVC% 100.00%	Acres	\$/acre	Annual Payment	Estimated \$0.00	\$ MVC Allocated \$1,107.00
Wetland Fencing Materials	\$4,634.00		100.00%				\$0.00	\$4,634.00
Fencing Labour & Equipment	\$5,741.00		0.00%				\$0.00	\$0.00
Solar Watering System	\$5,000.00		25.00%				\$0.00	\$1,250.00
Annual Payments								
Small Wetlands				0.6	\$30.00	\$18.00		\$90.00
Large Wetlands				10	\$10.00	\$100.00		\$500.00
Total Annual Payment						\$118.00		\$590.00
Totals	\$16,482.00			10.6		\$118.00		\$7,581.00
Total ALUS Project Funds Total ALUS Funds Remaining								\$68,241.99 \$60,660.99
								+00,000.00
ALUS Project - NE-16-33-03-W5								
Project Expenses	Estimated Costs	CAP%	MVC%	Acres	\$/acre	5 year Contract Annual Payment	\$ CAP Estimated	\$ MVC Allocated
Portable Solar Waterer	\$10,000.00		25.00%				\$0.00	\$2,500.00
Annual Payments						<b>*</b> 0.00		*****
(no additional acres) Total Annual Payment						\$0.00 \$0.00		\$0.00 \$0.00
Totals	\$10,000.00			0		\$0.00	\$0.00	\$0.00
Total ALUS Project Funds	, 10,000.00			5		¥0.00	¥0.00	\$60,660.99
Total ALUS Funds Remaining								\$58,160.99
ALUS Project - NW-16-32-05-W5	Estimated					5 year Contract	\$ CAP	
Project Expenses	Costs	CAP%	MVC%	Acres	\$/acre	Annual Payment	Estimated	\$ MVC Allocated
Fencing Materials	\$585.00		100.00%				\$0.00	\$585.00
Fencing Labour & Equipment Solar Watering System	\$585.00 \$5,500.00		0.00%				\$0.00 \$0.00	\$0.00 \$1,375.00
Annual Payments	\$3,300.00		25.00%				\$0.00	\$1,373.00
Riparian Pasture				2.2	\$30.00	\$66.00		\$330.00
Total Annual Payment						\$66.00		\$330.00
Totals	\$6,670.00			2.2		\$66.00		\$2,290.00
Total ALUS Project Funds								\$58,160.99
Total ALUS Funds Remaining								\$55,870.99
ALUS Project - NE-17-31-03-W5								
	Estimated					5 year Contract	\$ CAP	
Project Expenses	Costs	CAP%	MVC%	Acres	\$/acre	Annual Payment	Estimated	\$ MVC Allocated
Fencing Materials					+,			+
	\$2,111.00		100.00%				\$0.00	\$2,111.00
Fencing Labour & Equipment	\$2,111.00 \$2,111.00		100.00% 0.00%				\$0.00 \$0.00	\$2,111.00 \$0.00
Fencing Labour & Equipment Solar Watering System								
Fencing Labour & Equipment Solar Watering System Annual Payments	\$2,111.00		0.00%				\$0.00	\$0.00 \$622.25
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands	\$2,111.00		0.00%	2.5	\$30.00	\$75.00	\$0.00	\$0.00 \$622.25 \$375.00
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands Riparian Pasture	\$2,111.00		0.00%	<u>2.5</u> 1.7	\$30.00	\$51.00	\$0.00	\$0.00 \$622.25 \$375.00 \$255.00
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands Riparian Pasture Total Annual Payment	\$2,111.00 \$2,489.00		0.00%	1.7		\$51.00 \$51.00	\$0.00	\$0.00 \$622.25 \$375.00 \$255.00 \$630.00
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands Riparian Pasture Total Annual Payment Totals	\$2,111.00		0.00%			\$51.00	\$0.00	\$0.00 \$622.25 \$375.00 \$255.00 \$630.00 <b>\$3,363.25</b>
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands Riparian Pasture Total Annual Payment	\$2,111.00 \$2,489.00		0.00%	1.7		\$51.00 \$51.00	\$0.00	\$0.00 \$622.25 \$375.00 \$255.00 \$630.00
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands Riparian Pasture Total Annual Payment Totals Total ALUS Froject Funds Total ALUS Funds Remaining	\$2,111.00 \$2,489.00		0.00%	1.7		\$51.00 \$51.00	\$0.00	\$0.00 \$622.25 \$375.00 \$255.00 \$630.00 <b>\$3,363.25</b> \$55,870.99
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands Riparian Pasture Total Annual Payment Totals Total ALUS Project Funds	\$2,111.00 \$2,489.00		0.00%	1.7		\$51.00 \$51.00	\$0.00	\$0.00 \$622.25 \$375.00 \$255.00 \$630.00 <b>\$3,363.25</b> \$55,870.99
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands Riparian Pasture Total Annual Payment Totals Total ALUS Froject Funds Total ALUS Funds Remaining	\$2,111.00 \$2,489.00	CAP%	0.00%	1.7		\$51.00 \$51.00	\$0.00	\$0.00 \$622.25 \$375.00 \$2255.00 \$ <b>3,363.25</b> \$55,870.99 <b>\$52,507.74</b> \$ <b>MVC Allocated</b> \$4,124.00
Fencing Labour & Equipment Solar Watering System  Annual Payments Small Wetlands Riparian Pasture Total Annual Payment Totals Total ALUS Froject Funds Total ALUS Froject - SW-10-33-27-W4  Project Expenses Fencing Materials - Wetland Fencing Materials - Shelterbelts	\$2,111.00 \$2,489.00 \$6,711.00 Estimated Costs	CAP%	0.00% 25.00%	4.2	\$30.00	\$51.00 \$51.00 \$51.00 5 year Contract	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$622.25 \$375.00 \$255.00 \$3,363.25 \$55,870.99 \$52,507.74 \$MVC Allocated
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands Riparian Pasture Total Annual Payment Totals Total ALUS Froject Funds Total ALUS Froject - SW-10-33-27-W4 Project Expenses Fencing Materials - Wetland	\$2,111.00 \$2,489.00 \$6,711.00 Estimated Costs \$4,124.00	CAP%	0.00% 25.00%	4.2	\$30.00	\$51.00 \$51.00 \$51.00 5 year Contract	\$0.00 \$0.00 \$ \$ \$ Estimated \$0.00	\$0.00 \$622.25 \$375.00 \$255.00 \$3,363.25 \$55,870.99 \$52,507.74 \$MVC Allocated \$4,124.00 \$846.50
Fencing Labour & Equipment Solar Watering System Annual Payments Small Wetlands Riparian Pasture Total Annual Payment Totals Total ALUS Project Funds Total ALUS Funds Remaining ALUS Project - SW-10-33-27-W4 Project Expenses Fencing Materials - Wetland Fencing Materials - Shelterbelts	\$2,111.00 \$2,489.00 \$6,711.00 <b>Estimated</b> Costs \$4,124.00 \$3,386.00 \$7,510.00	CAP%	0.00% 25.00%	4.2	\$30.00	\$51.00 \$51.00 \$51.00 5 year Contract	\$0.00 \$0.00 \$0.00 \$CAP Estimated \$0.00 \$0.00	\$0.00 \$622.25 \$375.00 \$630.00 \$3,363.25 \$55.870.99 \$52,507.74 \$52,507.74 \$44.124.00 \$846.50 \$0.00
Fencing Labour & Equipment Solar Watering System  Annual Payments Small Wetlands Riparian Pasture  Total Annual Payment Totals  Total ALUS Project Funds  Total ALUS Funds Remaining  ALUS Project - SW-10-33-27-W4  Project Expenses  Fencing Materials - Wetland Fencing Materials - Shelterbelts Fencing Labour & Equipment	\$2,111.00 \$2,489.00 \$6,711.00 <b>Estimated</b> Costs \$4,124.00 \$3,386.00	CAP%	0.00% 25.00%	4.2	\$30.00	\$51.00 \$51.00 \$51.00 5 year Contract	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$622.25 \$375.00 \$2255.00 \$ <b>3,363.25</b> \$55,870.99 <b>\$52,507.74</b> \$ <b>MVC Allocated</b> \$4,124.00

Annual Payments								
Large Wetlands				26.1	\$10.00	\$261.00		\$1,305.00
Shelterbelts/New Ecobuffer				3.3	\$15.00	\$49.50		\$247.50
New Forage Seeding (50% use adjustment on cropland rate)				73.1	\$25.00	\$1,827.50		\$9,137.50
Total Annual Payment						\$2,138.00		\$10,690.00
Totals	\$25,420.00			102.5		\$2,138.00		\$20,160.50
Total ALUS Project Funds	,					. ,		\$52,507.74
Total ALUS Funds Remaining								\$32,347.24
Ŭ								
ALUS Project - SE-04-30-03-W5, SW-03-30-0	3-W5							
Project Expenses	Estimated Costs	ACA/TU Cows & Fish %	MVC%	Acres	\$/acre	5 year Contract Annual Payment	ACA/TU Cows & Fish (5 year term	\$ MVC Allocated
Winter Watering System	\$9,685.00	100.00%	0.00%				\$9,685.00	\$0.00
Portable Solar Watering System	\$14,514.00	34.45%	25.00%				\$5,000.00	\$3,628.50
Annual Payments								
Creek				2.7	\$10.00	\$27.00	\$877.50	\$135.00
Riparian Pasture				36.2	\$30.00	\$1,086.00	\$1,102.50	\$5,430.00
Total Annual Payment						\$1,113.00		\$5,565.00
Totals	\$24,199.00			38.9		\$1,113.00		\$9,193.50
Total ALUS Project Funds								\$32,347.24
Total ALUS Funds Remaining								\$23,153.74
ALUS Project - NW-35-32-07-W5								
Project Expenses	Estimated Costs	CAP%	MVC%	Acres	\$/acre	5 year Contract Annual Payment	\$ CAP Estimated	\$ MVC Allocated
Fencing Materials	\$2,560.00		100.00%		<i>•,</i>		\$0.00	\$2.560.00
Fencing Labour & Equipment	\$2,560.00		0.00%				\$0.00	\$0.00
Annual Payments	\$2,000100		0.0075				\$0.00	+0.00
Riparian Pasture				10.6	\$30.00	\$318.00		\$1,590.00
Total Annual Payment					,	\$318.00		\$1,590.00
Totals	\$5,120.00			10.6		\$318.00		\$4,150.00
Total ALUS Project Funds						, : 10:00		\$23,153.74
Total ALUS Funds Remaining								\$19,003.74
MVC Administration & Outreach								
Total								\$0.00
Total ALUS Admin Funds								\$13,560.00
Total ALUS Funds Remaining								\$13,560.00



**Agricultural Services Board Meeting** 

# **Request for Decision**

Date: June 20, 2022

SUBJECT: Riparian & Ecological Enhancement Program (REEP) Projects

**RECOMMENDATION:** That the Agricultural Services Board approves funding for the winter watering system project on the W 27-29-02-W5 for 25% of the material costs to a maximum of \$4,587.50 and 75% of the dugout material fencing costs to a maximum of \$600 from the 2022 Riparian and Ecological Enhancement Program budget.

**ALTERNATIVE OPTIONS:** That the Agricultural Service Board receives for information the REEP project applications as presented.

**BACKGROUND:** Projects will be presented for approval consideration. Applications have been scored using the project rating form and funding recommendations are based on the rating. Agricultural Services has developed a funding spreadsheet based on these evaluations for review.

#### RELEVANT POLICY:

**BUDGET IMPLICATIONS:** 

- 1. 2022-23 Alberta Conservation Association Grant: \$25,000
- 2. 2022 Mountain View County Project Funding: \$25,000

Attachments 🖂 Nil 🗌

- 1. REEP Projects June 2022
- 2. REEP Project Spreadsheet June 2022

PREPARED BY: LG REVIEWED BY: JF



2022 MVC REEP Projects										
			Tot	al Material						_
LSD	CAP%	MVC%		Cost	CAP Estimated	\$ N	IVC Allocated	Waterbody/Wetland	Watershed	Project
W-27-29-02-W5	0%	25%	\$	18,350.00	\$-	\$	4,587.50	Tributary to Beaverdam Creek, Dugout	Little Red Deer River Watershed	Winter Watering System
W-27-29-02-W5	0%	75%	\$	800.00		\$	600.00	Tributary to Beaverdam Creek, Dugout	Little Red Deer River Watershed	Dugout Fencing
Total for Approval June 20, 2022						\$	5,187.50			
Total allocated to ALUS projects						\$	44,000.00			
Total MVC REEP Funds						\$	50,000.00			
Total MVC REEP Funds Remaini	ng					\$	812.50			



**Agricultural Services Board Meeting** 

# **Request for Decision**

Date: June 20, 2022

SUBJECT: Livestock Response Trailer

**RECOMMENDATION:** That the Agricultural Services Board recommend to Council, for their consideration, an increased service level of having an Emergency Livestock Handling Equipment Trailer available for first responders.

**ALTERNATIVE OPTIONS:** That the Agricultural Services Board receive for information the Emergency Livestock Handling Equipment Trailer information and maintain the existing service level.

**BACKGROUND:** At the April 25<sup>th</sup>, 2022 Agricultural Service Board meeting, it was requested for administration to bring back information on the Emergency Livestock Handling Equipment Trailers. These trailers are equipped with a variety of tools and equipment to assist in the event of a livestock emergency, such as a cattle liner rollover, barn collapse, barn fire, etc. The creation of these trailers is credited to Red Deer County as they were the first municipality to produce one of these trailers. Over the year additional municipalities acquired trailers to respond to livestock emergencies, and some were funded through Alberta Farm Animal Care, with help from a Growing Forward grant. Currently there are 18 locations with Emergency Livestock Handling Equipment Trailers at the following locations:

- 1. La Glace (County of Grande Prairie)
- 2. DeBolt (M.D. of Greenview)
- 3. Grovedale (M.D. of Greenview)
- 4. New Sarepta (Leduc County)
- 5. Ponoka County Fire Services (Ponoka County)
- 6. Rocky Mountain House (Clearwater County)
- 7. Red Deer (Red Deer County)
- 8. Spruce Meadows (Foothills County)
- 9. Fort MacLeod (M.D. of Willow Creek)
- 10. Westlock (Westlock County)
- 11. Lamont County (Lamont County)
- 12. Kitscoty (County of Vermilion River)
- 13. Coronation (County of Paintearth)
- 14. Hanna Fire (Special Area No. 2)
- 15. Brooks (County of Newell)
- 16. Dunmore (Cypress County)
- 17. Vauxhall (M.D. Taber)
- 18. Nobleford (Lethbridge County)

First responder knowledge of the trailers and access is important to their use. In many of the municipalities the trailers are housed at fire stations or are easily accessible to first responders. A request has been made for the number of times the trailer has been used by neighboring municipalities.

Due to the budget and fire service level considerations of having an Emergency Livestock Handling Equipment Trailers and operators trained in livestock behavior specifically in emergencies, it is recommended to refer the item to Council for their consideration if the Agricultural Service Board is supportive of the initiative. The County would be required to collaborate with it's Urban Partners that manage the Fire Departments to determine how it would be stored and used in the event of emergency.

Currently, Mountain View County has a "Livestock Emergency Evacuation Plan" as part of their response section in their Emergency Response Plan. Further, the County also maintains a contact list with key contacts for transport, panels, veterinarian services, etc. as well as mutual aid agreements with each surrounding Rural Municipality which would enable their resources to be used in the event of emergency.

#### RELEVANT POLICY:

**BUDGET IMPLICATIONS:** Recommended \$50,000 budget by the Alberta Farm Animal Care for a fully stocked Emergency Livestock Handling Equipment Trailer.

Attachments Nil

PREPARED BY: RM / JF REVIEWED BY: CA



**Agricultural Services Board Meeting** 

# **Request for Decision**

Date: June 20, 2022

SUBJECT: Re-Connect with the Farm Tour – Open Farm Days Event

**RECOMMENDATION:** That the Agricultural Services Board receive for information the Re-Connect with the Farm Tour proposed event plans.

#### ALTERNATIVE OPTIONS:

**BACKGROUND:** The organizers of the Provincial Open Farm Days Program are continuing with preparations for this year's 10th Annual Open Farm Days on August 13-14, 2022. For more information on the event please visit <u>https://albertaopenfarmdays.ca/</u>.

The following farms, in Mountain View County are registered to participate in Open Farm Days; Huntcliff Dairy, Custom Woolen Mills, Chickadee Hills Farm, Tall Timber Cattle Co, Water Valley Hops, and Fallen Timber Meadery.

Historically, Mountain View County has hosted a Re-Connect with the Farm Tour in conjunction with Open Farm Days to showcase local farms and promote agriculture. In 2018 the bus tour visited Huntcliff Dairy, VanDenBroek Dairy, Reese Cattle Company, and HGB Bison Ranch. In 2019 the tour visited Fallentimber Meadery, Akesi Farms, Bergen Farmers' Market and Double N Ranch. The Agricultural Service Board (ASB) has directed administration to organize an in-person bus tour for the 2022 Open Farm Days. For discussion at the meeting is a proposal to have a full day and half day tour on August 13, 2022.

#### **RELEVANT POLICY:**

BUDGET IMPLICATIONS: Tour Annual Operating Budget \$8,000

Attachments 🗌 Nil 🔀

PREPARED BY: RM REVIEWED BY: JF



**Agricultural Service Board Meeting** 

# **Request for Decision**

Date: June 20, 2022

#### SUBJECT: Reports

**RECOMMENDATION:** That the Agricultural Service Board receive the following as information:

- a. Seed Plant Updates (verbal report)
- b. Workshop updates
- c. Central Region Agricultural Services Board Chair / Fieldman Meeting (verbal report)
- d. 2022 Agricultural Services Board Resolution Response Grading
- e. Assistant Deputy Minister Agricultural Services Board Chair Town Hall (verbal report)
- f. Silage Plastic Demonstration (verbal report)
- g. Grey Wooded Forage Association Annual General Meeting & Sponsorship Appreciation Event (verbal report)
- h. Alberta Agriculture, Forestry and Rural Economic Development Crop Report June 7, 2022
- i. Prairie Pest Monitoring Network Weekly Updates

#### BACKGROUND:

Workshop Updates

Upcoming Workshops/Webinars:

July 14 – (9:30am-3:30pm) – <u>Soil Health Field Tours</u> with Foothills Forage and Grazing Association featuring Odette Menard – Madden Hall and Olds College Demo Sites

#### Past Workshops/Webinars:

May 13 & 14 - Aggie Days Mountain View 2022, Celebration of Agriculture event – The Heritage Centre, Cremona - Approx. 850 school age children along with teachers and school staff attended on the Friday and over 1500 people attended on the Saturday.

May 31 – Green Acreages Workshop delivered by the Land Stewardship Centre virtually, hosted by Mountain View County – 9 attendees

#### Central Region Agricultural Services Board Chair / Fieldman Meeting

The following items were on the June 6<sup>th</sup> agenda for the first Chair/Fieldman meeting since 2016.

- Alberta Agriculture Update
- Provincial ASB Committee Update
- 2022 Resolutions and Responses
- County Round Table

The attending Chairs provided comments on the resolution response grading, initial grading included in the agenda package.

#### Assistant Deputy Minister Agricultural Services Board Chair Town Hall

A Town Hall with John Conrad, Assistant Deputy Minister of Primary Agriculture with Alberta Agriculture, Forestry and Rural Economic Development, was held Wednesday, June 8, from 11am-12pm

#### Prairie Pest Monitoring Network

https://prairiepest.ca/weekly-update/

Provides information on grasshopper development, cutworm scouting and reporting, wind trajectories, etc.

RELEVANT POLICY: Nil.

BUDGET IMPLICATIONS: Nil.

Attachments 🔀 Nil 🗌

- 1. Soil Health Field Tours Poster
- 2. 2022 Agricultural Services Board Resolution Response Grading
- 3. 2022 Agricultural Services Board Resolution Grading Sheet
- 4. Alberta Agriculture, Forestry and Rural Economic Development Crop Report June 7, 2022

PREPARED BY: RM, LG REVIEWED BY: JF



Odette Menard is an agricultural engineer who has had a major role in the promotion of soil conservation. Odette is an expert in earthworm behaviour and practices that promote health & fertility.



# PINCHER CREEK

### July 11, 2022

### **Topics Include:**

- Grazing plan-long term
- Building soil health over time
- System approach to grazing management
- Cost effective strategies
- Stockpiled forage & bale grazing

**Speakers:** Julia Palmer, Uriel Delgado & Odette Menard



# STRATHMORE July 12, 2022

## **Topics Include:**

- Enhancing your grazing options
- Adding to the land's natural value
- Reclaiming land for production
- Cover crop silage mix under irrigation
- Soil health

**Speakers:** Rod Vergouwen, Graydon Garner and Odette Menard



# MADDEN July 14, 2022

## **Topics Include:**

- Research & technology used on Olds College demo sites
- Soil amendments in perennial & annual stands
- Virtual fencing collars
- Grazing & riparian health
- Advanced Ag & soil carbon

**Speakers:** Sean Thompson, Laio Silva Sobrinho, Graeme Finn & Odette Menard



### RESOLUTION 1-22: VEGETATION MANAGEMENT ON ALBERTA PROVINCIAL HIGHWAYS

WHEREAS:	Invasive plants cause significant changes to ecosystems which may result in economic harm to agricultural and recreation industries;
WHEREAS:	Highway corridors facilitate the spread of invasive plants both locally and internationally;
WHEREAS:	The Alberta Transportation is responsible for weed control within the rights of way of the 31,000 kilometers of provincial highways in the province, as per the Weed Control Act;
WHEREAS:	Alberta Transportation has not adequately maintained control of noxious and prohibited noxious weeds within provincial highway rights of way in recent years;
WHEREAS:	This lack of control is affecting neighboring landowners, as these invasive weeds are spreading into their fields;
WHEREAS:	Due to this lack of control, landowners adjacent to provincial highways are faced with increased costs to their vegetation control programs;
WHEREAS:	Allowing noxious and invasive plant growth including brush along highways increases the risk to public safety by reducing visibility along road shoulders where wildlife is crossing or grazing;
WHEREAS:	The most cost-effective strategy against invasive species is preventing them from establishing rather than relying on eliminating them after an infestation has begun;
WHEREAS:	In 2017, Alberta Transportation developed a three-year provincial vegetation management plan, which included a plan to manage noxious weeds in highway rights of way;
WHEREAS:	Alberta Transportation must allocate sufficient funds and capacity to meet its weed control requirements along provincial highways;
WHEREAS:	Continued advocacy efforts have been ongoing with the ASB Provincial Committee and the Ministry has agreed to focus on improving communication and relationships to put the limited dollars available to their best use.

**THEREFORE BE IT RESOLVED THAT ALBERTA'S AGRICULTURAL SERVICE BOARDS REQUEST** that Alberta Transportation increase funding for summer maintenance programs for its vegetation management (weed control and mowing) along provincial highways;

**FURTHER BE IT RESOLVED THAT ALBERTA'S AGRICULTURAL SERVICE BOARDS REQUEST** that Alberta Transportation enhances their current vegetation management strategy at a minimum to the level of the 2017 Provincial Integrated Vegetation Management Plan to manage noxious weeds, prohibited

noxious weeds, and any unsafe vegetation on the full rights of way of all primary and secondary provincial highways;

**FURTHER BE IT RESOLVED THAT ALBERTA'S AGRICULTURAL SERVICE BOARDS REQUEST** that Alberta Transportation continue to allow the option to enter into service agreements with municipalities for the purposes of vegetation management and/or weed control within their respective municipalities.

#### **STATUS:** Provincial

**RESPONSE:** 

"Dear Mr. Dutrisac:

Thank you for your February 1, 2022 email including the 2022 Agricultural Service Board Resolution 1-22: Vegetation Management on Alberta Provincial Highways. I appreciate the working relationship my department has established with the Agricultural Service Board and look forward to continuing to work together to address vegetation management in the provincial highway rights-of-way.

The Government of Alberta understands the importance of vegetation management. We have needed to closely manage our highway maintenance funding over the past few years, which has impacted some summer maintenance activities, such as full right-of-way mowing. Alberta Transportation's goal is to balance funding challenges with the need for maintenance activities that relate to public safety, while still providing an acceptable overall level of service. As such, funding for vegetation management, including mowing, has focused mainly on safety-related concerns such as sight lines at intersections. However, we recognize the other benefits of mowing, such as improved drainage, improved visibility of wildlife, reduced risk of wildfire spread and controlling brush growth.

In order to ensure mowing and chemical weed control budgets are used in the best possible manner, Alberta Transportation is planning to conduct a program-level review of our vegetation management program to ensure its ongoing effectiveness. This effort will include development of a vegetation management plan framework; this framework will provide a consistent platform for an annual update regarding expected budgets, mowing frequency, herbicide application, innovations/trials, and stakeholder consultation/collaboration. The review is planned to begin in fall 2022, and until the review is completed we will strive to balance funding challenges with respect to vegetation management. Alberta transportation appreciates the input you have provided on this issue.

Alberta Transportation is also grateful for the assistance that the Agricultural Fieldmen of the various Agricultural Service Boards throughout the province have provided to date, with weed notices issued to Alberta Transportation's district offices being an effective driver for weed control action. This process allows for targeted mitigation at locations of the highest priority to the Agricultural Fieldmen and Albertans.

If you have any further questions, please contact Mr. Darren Davidson, Regional Director and Operations Process Management Committee (OPMC) Executive Sponsor. Mr. Davidson can be reached toll free at 310 0000, then 403-381-5533, or at darren.davidson@gov.ab.ca.

Thank you for sharing the Agricultural Service Board resolution with me. Sincerely, Rajan Sawhney Minister of Transportation cc: Honourable Nate Horner, Minister of Agriculture, Forestry and Rural Economic Development Darren Davidson, Regional Director and OPMC Executive Sponsor

#### **INITIAL ASBPC GRADE: ACCPET IN PRINCIPLE**

**COMMENTS:** All of the concerns from the resolution were addressed in the response. The Committee will follow up with the Ministry/Department of Transportation for updates to the program-level review taking place this fall. The grade of accept in principle ensures the Committee has the mandate to follow up with the Ministry of transport on this review.
## RESOLUTION 2-22: RESTORATION OF ALBERTA AGRICULTURE, FORESTRY AND RURAL ECONOMIC DEVELOPMENT REGIONAL NETWORK OF EXPERTS

- WHEREAS: Alberta Agriculture, Forestry and Rural Economic Development's provided regionally specialized agricultural professionals employed by the province the opportunity to meet and communicate with ASBs (and ASBs with them) on locally important agricultural issues;
- WHEREAS: This steady discontinuation of Alberta Agriculture, Forestry and Rural Economic Development's staff presence in Alberta's rural communities has resulted in a gradual but steady decline in the Ministry's service to those communities since the early 1990s;
- WHEREAS: Cuts to Alberta Agriculture, Forestry and Rural Economic Development staff & services since the 1990s have drastically reduced effective, consistent dialogue on provincial agricultural policy decisions, leaving local agricultural communities and their Agricultural Service Boards with little input on these decisions due to the lack of consistent, direct contact with specialized Ministry staff;
- WHEREAS:These cuts have left Alberta's local communities and smaller agricultural sectors largely<br/>unsupported with locally based qualified agronomic advice and severed a local<br/>communications link with Ministry decision makers in Edmonton;
- WHEREAS: The more recent elimination of many Alberta Agriculture, Forestry and Rural Economic Development's regional network of experts that were available to Alberta's Agricultural Service Boards has reduced both the quality and quantity of agricultural / environmental technical and policy information exchange between Alberta's rural communities and the Ministry;
- **WHEREAS:** Alberta's larger agricultural operators and sector associations utilize their economies of scale to justify the costs of contracting private consulting services to obtain agro-economic advice, as well as enabling them to lobby policy makers;
- **WHEREAS:** Alberta's smaller farmers, ranchers and industry associations lack these economies of scale to hire private consultants which leaves them dependent on all levels of government to provide this necessary information;
- WHEREAS: Whereas the Alberta government provided a transition grant to the applied research and forage associations to contract specialists let go by the ministry to support producers, these measures are not long term and do not allow for direct feedback by ASBs to policy makers in the Ministry.

#### THEREFORE, BE IT RESOLVED

#### THAT ALBERTA'S AGRICULTURAL SERVICES BOARDS REQUEST

That Alberta's Agriculture, Forestry and Rural Economic Development support and encourage regionally based, Provincial Government staff or contractors, with extensive experience in their chosen agricultural field, to be consistently available to meet with ASBs as an expert source of the timely, detailed and unbiased information that ASBs are now expected to deliver.

#### **STATUS: Provincial**

#### **RESPONSE**:

Agriculture, Forestry and Rural Economic Development ASB Resolution Response

Resolution 2-22: Restoration of Alberta Agriculture, Forestry and Rural Economic Development Regional Network of Experts

#### Response:

Agriculture, Forestry and Rural Economic Development (AFRED) no longer provides one-on-one technical agronomic information to producers. The Ministry now focuses on providing services to producers that is related to programs, policy and legislation.

The Ag-lnfo Centre (AlC) formerly had technical agronomic specialist support in beef and forage, crops, horticulture, and farm management. These inquiries are now referred to the many resources available from industry organizations and private services. The AlC has transitioned from being the first point of contact for agricultural information and resources to being the first point of contact for department programs.

Results Driven Agriculture Research (RDAR) is exploring this extension gap and serving as a catalyst to bring together a committee, comprised of a cross section of industry members to develop a cooperative extension model for Alberta. Meyers Norris Penny (MNP) was contracted through a competitive process to work in collaboration with the committee to facilitate a guided approach to evaluate the current state of extension in Alberta. It is looking to identify gaps, examine other jurisdictional systems and make recommendations on an improved cooperative extension model for the future. The project will provide recommendations by June 2022. Industry engagement will play a pivotal role in the formulation of committee recommendations.

The department has launched new programming in 2021 to support ASBs. We now have an ASB Regional Liaison program which links fieldmen and ASB members with an assigned staff who are available to each region to provide program and policy information. In addition, an ASB directed newsletter is shared with ASBs on a quarterly basis, along with a town hall meeting held bi-annually between ASB Chairmen and Assistant Deputy Minister John Conrad.

#### INITAIL ASBPC GRADE: ACCEPT IN PRINCIPLE

**COMMENTS:** The response from the government addresses the resolution and indicates that work is in progress to design a cooperative extension model. The ASBPC has discussed this process with RDAR executives and has asked for an update on this progress at the June 8, 2022 townhall. The grade of Accept in Principle ensures that the Committee has the mandate to continue to inquire about this

progress and advocate for government support regionally based agriculture experts that are able to advise and collaborate with ASBs in their extension efforts.

# RESOLUTION3-22: CELEBRATE CANADA AGRICULTURE DAY IN ALBERTA SCHOOLS (FEB 22, 2022)

WHEREAS:	Education about agriculture is limited within the current school curriculum;
WHEREAS:	The Classroom Agricultural Program is only able to spend one hour with grade 4 students but was cancelled due to Covid-19;
WHEREAS:	Consumer interest of how agriculture production is achieved, and food is produced is increasing;
WHEREAS:	Less than 2% of the population have a direct role in primary agriculture production, people have a less direct experience with growing their own food or participating in the agriculture industry;
WHEREAS:	There is an increasing amount of incorrect or incomplete information about agriculture and the agri-food industry;
WHEREAS:	Consumer purchases can be influenced by the amount and quality of agriculture and agri-food awareness and education they have received;
WHEREAS:	The Ag More Than Ever website has information and resources to make this easy for schools to access;

#### THEREFORE BE IT RESOLVED

#### THAT ALBERTA'S AGRICULTURAL SERVICE BOARDS REQUEST

that the Minister of Education, direct all schools to celebrate Canada Agriculture Day at the elementary, junior high and high school levels.

#### **STATUS:** Provincial

#### **RESPONSE:**

Dear Mr. Dutrisac:

Thank you for your February 1, 2022 letter regarding a January 2022 resolution passed by the Agricultural Service Boards that all schools in Alberta celebrate Canada Agriculture Day.

I recognize the importance of educating Alberta's students about agriculture and the origins of food. From Kindergarten to Grade 9, Science and Social Studies courses are mandatory core subjects for most students in Alberta, and they provide students with opportunities to learn about concepts related to agriculture in Alberta. These opportunities continue into high school when choice in programming accommodates a wider range of needs and interests for students as they plan their futures.

The curriculum also provides opportunities for studying issues, including those related to using, distributing and managing resources and the environment, through various lenses in a well-balanced manner.

In addition, the optional Career and Technology Foundations (CTF) program supports flexible learning through which students in Grade 5 to 9 explore interests and aspirations while making personal connections to career possibilities. A teacher or a school authority may decide to create a CTF challenge that could include agricultural education, particularly if there is student interest in a course.

High school electives include the Agriculture area of the Career and Technology Studies (CTS) curriculum, which offers more than 40 one-credit courses in which students learn about agricultural/horticultural production, the provision of related services and support for sustainable development and efficient use of natural resources. The CTS Apprenticeship curriculum includes 15 courses developed to align with the current Agricultural Equipment Technician Apprenticeship. As a whole, the set of courses covers the content of the first period of technical training for an agricultural equipment technician.

The Alberta Dual Credit Framework, which provides students with opportunities to personalize their high school experience and discover or build on their career interests, includes opportunities in the area of agriculture. Examples include Producing Horticulture Crops and Small Animal Restraint and Handling, both opportunities offered in partnership with Olds College.

Alberta Education's Green Certificate Program (GCP) is an apprenticeship-style training program that enables students to gain valuable experience, training and certification in the agriculture industry in Alberta. This program is offered jointly by the ministry of Education and the ministry of Agriculture, Forestry and Rural Economic Development, and provides students with opportunities to enter a variety of structured learning pathways related to agriculture as part of their senior high school program and to earn a credential leading to a career in agribusiness. Although the focus of the program is skills development, students may increase their awareness of food origins and sustainability.

Alberta's government is currently renewing the K-12 provincial curriculum. Alberta's updated draft K-6 curriculum explicitly addresses the early origins of agriculture that includes the study of fertile prairie lands, grain growing and the roots of prairie grain elevators. Students will also learn how plants and animals commonly used in Alberta agriculture production relate to climate, research how agricultural production contributes to daily life in Alberta and investigate how conservation in agricultural practice protects and maintains the land.

While Alberta Education outlines what students are expected to know, understand and be able to do in each subject and grade through Kindergarten to Grade 12 curriculum, teachers use their professional judgement to determine how students achieve the learning outcomes in the provincial programs of study. Schools and school authorities have the autonomy to select resources that align with the curriculum, including the designation of a day honouring a particular sector or profession.

I would encourage you to visit the Alberta Schools and Authorities website directory at <a href="https://www.education.alberta.ca/alberta-education/school-authority-index/everyone/school-authority-information-reports/">https://www.education.alberta.ca/alberta-education/school-authority-index/everyone/school-authority-information-reports/</a> so that you may reach out to the schools and authorities directly with your request to celebrate Canada Agriculture Day.

I appreciate your ongoing interest in educating Alberta students about agriculture.

Sincerely,

Minister Adriana LaGrange

#### **INITIAL ASBPC GRADE: ACCEPT THE RESPONSE**

**COMMENTS:** The response from the minister addressed the ask in the resolution and redirected the ASBs to reach out to the individual schools and school authorities in their local areas, as they have the jurisdiction to decide which days the students celebrate in the school year.

#### RESOLTUION 4-22: PROPERLY MANAGING UNGULATE POPULATIONS

WHEREAS:	Wildlife ungulate populations, specifically elk, are extremely high in many areas in Northern Alberta, particularly on lands used for agricultural production;
WHEREAS:	Increased ungulate populations result in significant damage to agricultural commodities;
WHEREAS:	Accurate ungulate population surveys are not conducted regularly;
WHEREAS:	The ungulate issue has been an agricultural problem for many years as can be seen from the past resolutions which were carried at the ASB Provincial Conference as well as at RMA (formerly AAMD&C);

#### THEREFORE BE IT RESOLVED

#### THAT ALBERTA'S AGRICULTURAL SERVICE BOARDS REQUEST

that Alberta Environment and Parks address the issue of outdated population data in areas which have high rates of wildlife damage insurance claims and restructure ungulate population survey frequency to accurately understand population densities in relevant Wildlife Management Units (WMUs).

#### FURTHER THEREFORE BE IT RESOLVED

#### THAT ALBERTA'S AGRICULTURAL SERVICE BOARDS REQUEST

that Alberta Environment and Parks use the precise population data to manage ungulate populations through increased numbers of hunting tags.

#### **STATUS:** Provincial

#### **RESPONSE**:

"Dear Sebastien Dutrisac;

Thank you for your letter regarding resolutions passed at the recent Agricultural Service Board (ASB) provincial conference. I welcome the opportunity to provide the following information.

The Government of Alberta acknowledges the current challenges the agriculture industry is facing regarding the supply and cost of feed stocks. Environment and Parks staff are prioritizing direct engagement with agricultural producers and municipal governments to seek solutions to wildlife-related conflict. The department agrees frequent and accurate population estimates are integral to properly allocating and managing ungulate populations. Safe and adequate winter survey conditions have become less predictable, challenging the ability of department staff to deliver the number of surveys typically completed during the winter season within a shorter window of opportunity. For example, within the Peace region, wildlife management units (WMUs) 359 and 526 were scheduled to be surveyed this winter, and I understand only WMU 359 was completed due to inadequate and unsafe survey conditions in WMU 526.

Ungulate population and depredation management is a complicated process requiring support from multiple areas of interest. For example, providing increasingly more elk licences is not always the best solution as it can often result in landowners becoming fatigued with hunters requesting access to their property. Hunters need to remain respectful and put in the effort, landowners need to provide reasonable access to land where elk reside (while acknowledging the consequences of not doing so), and producers need to be open to existing mitigation tactics to help prevent damages.

Since crop depredation is closely linked to winter conditions generally coinciding with deep snow or extreme cold temperatures, elimination of all landowner conflict can only be achieved through elimination of all elk. Although more elk can do more damage at a particular site, elk depredation can occur even at relatively low population numbers.

Since 2010, the department has implemented a number of broad-scale management actions to reduce and mitigate ungulate-related crop damage, including the implementation of elk harvest strategies including;

- greatly increased harvesting opportunities for antlerless elk using the limited entry licence allocation approach.
- increased number of antlerless elk seasons, from one to three, to further facilitate hunter opportunity and harvest, while managing hunter crowding and mitigating landowner fatigue,
- extending the antlerless elk season to January 20 to increase harvest when depredation issues can become more prevalent, and
- implementing hunting on Sunday to further increase opportunity for harvesting.

Where local issues persist. Alberta government staff supply eight-foot-tall game fence to producers (at no cost) to protect stored livestock feed, they provide intercept feeding programs to mitigate potential damages, and they have a partnership program for producers to encourage the use of portable welded panels for protecting livestock feed.

Insurance for damages to eligible standing crops and eligible stored livestock feed is available (at no premium) to producers through the Agriculture Financial Services Corporation (AFSC). I encourage those affected to visit <u>https://afsc.ca</u>....

... Thank you for taking the time to write.

Sincerely,

Jason Nixon Minister

#### INITIAL ASBPC GRADE: INCOMPLETE

**COMMENTS:** The ASBPC graded this response as incomplete as it did not provide enough detail to determine if the measures referred to in the response address the concern of the ASBs. The ASBPC sent a second letter requesting more detailed information to the ministry of AEP on April 25 with a response deadline of May 15, no further response was received.

### RESOLUTION 5-22: EXEMPTION OF NATURAL GAS AND PROPANE FOR AGRICULTURE UNDER THE GREENHOUSE GAS POLLUTION PRICING ACT

WHEREAS:	The <i>Greenhouse Gas Pollution Pricing Act</i> (GGPPA) applies fuel chargesto natural gas and propane used in agriculture operations, with the exception of greenhouses;
WHEREAS:	The cost to Canadian farmers of the fuel charges for natural gas and propane are estimated to be \$235 million dollars by 2024;
WHEREAS:	The Private Members Bill C-206 An Act to Amend the Greenhouse GasPollution Pricing Act to provide relief for the fuel charge passed the House of Commons and did not receive third reading in the Senate to pass into law prior to the 2021 Federal Election;
WHEREAS:	Federal programs such as the Agricultural Clean Technology Program were to provide relief to farmers from the fuel surcharges for natural gasand propane, however, these programs are currently closed to new applications until Spring 2022;
WHEREAS:	The fuel charges to natural gas and propane put Canadian farmers at a competitive disadvantage to international competitors that are not subjectto fuel charges;

#### THEREFORE BE IT RESOLVED

#### THAT ALBERTA'S AGRICULTURAL SERVICE BOARDS REQUEST

that the Government of Canada Minister of Finance, with support from Agriculture and Agri-Food Canada, amend the *Greenhouse Gas Pollution PricingAct* to include natural gas and propane as exempted fuels for agriculture production.

#### **STATUS:** Provincial

#### **RESPONSE GOVERNMENT OF CANADA MINISTER OF FINANCE: none**

#### **RESPONSE AAFC**:

Dear Mr. Dutrisac:

Thank you for your letter regarding the carbon pollution pricing system and its impact on Canadian producers. I appreciate being made aware of the views of the agriculture sector on this matter.

The competitiveness of the sector and the protection of the environment are key priorities for the Government. Climate change is one of the greatest challenges of our time, and taking action to address it requires engagement from all parts of society. Putting a price on carbon pollution is a

critical part of Canada's action.

The Government is aware that producers and farm families are important drivers of the economy. This is why the carbon pollution pricing system has been designed to provide targeted relief to limit its impact on the agriculture sector and reflects the realities of Canada's agriculture industry. Emissions from biological processes associated with agriculture production are not priced, and the carbon pollution pricing system includes exemptions for gasoline and diesel fuel used by producers for agricultural activities.

Moreover, the Government intends to return a portion of the proceeds from the price on pollution directly to producers in provinces that do not have a carbon pricing system that aligns with the federal benchmark and are therefore subject to the Government of Canada's carbon pricing backstop. These proceeds are intended to support particularly affected players, such as small and medium enterprises, including producers, to implement projects that cut emissions and use new, cleaner technologies and processes. The 2021 Economic and Fiscal Update contains a commitment to return these funds to producers through a tax rebate. The proceeds to be returned to producers will increase from \$100 million in 2021-22 to \$122 million in 2022-23 and will continue to increase in future years, consistent with the rise in overall fuel charge proceeds. Future payment rates to producers will be presented as more data becomes available.

The Government is also working with its provincial and territorial partners as well as with industry to improve its business risk management programs. Grain and oilseed producers–and all other agricultural producers in Canada–have access to these programs. They can use them to protect against severe risks that threaten the viability of their farms.

Additionally, the \$165.7-million Agricultural Clean Technology Program provides funding to producers and agri-businesses to help them develop and adopt the latest clean technologies to reduce greenhouse gas emissions and enhance their competitiveness. The Government has made grain drying and barn heating a priority focus under this Program. Investments in high efficiency grain dryers provide not only environmental but also economic gains by producing high-quality grain and reducing the risk of weather damaged crops at harvest time, while at the same time drying grain with fewer carbon emissions.

Moreover, the commitments outlined in my mandate letter highlight measures to support efficiency and climate resiliency by working closely with provinces and territories as well as producers to support the sustainable growth of the agricultural and agri-food sector, with an aim to establish Canada as a global leader in the sector. This will be accomplished in part through a green agricultural plan for Canada, which seeks to increase support to producers to develop and adopt agricultural management practices to reduce emissions, store carbon in healthy soil and enhance resiliency and to triple funding for clean technologies on farms, including for renewable energy, precision agriculture and energy efficiency.

I trust that this information will be of assistance to you. Again, thank you for writing to me on this matter.

Sincerely,

The Honourable Marie-Claude Bibeau, PC, MP

#### **RESPONSE AEP:**

Dear Sebastien Dutrisac;

Thank you for your letter regarding resolutions passed at the recent Agricultural Service Board (ASB) provincial conference. I welcome the opportunity to provide the following information....

...As shareholders and investors increasingly factor environmental, social and governance performance into investment decisions, Alberta will work to ensure the province receives recognition for our actions on climate change and leading regulatory systems. In May 2019, the Government of Alberta repealed the Climate Leadership Implementation Act, ending the collection of the provincial carbon levy in Alberta. Alberta no longer collects such taxes. The Government of Canada's Greenhouse Gas Pollution Pricing Act is not a provincial policy and the Government of Alberta does not support the federal government's application of their policy on Albertans. I encourage you to contact The Honourable Steven Guilbeault, MP, Minister of Environment and Climate Change Canada, and The Honourable Marie-Claude Bibeau, Minister of Agriculture and Agri-Food Canada, to re-emphasize your concerns. Contact information for each Minister can be found at www.canada.ca by scrolling down to "Contact us."

Given Bill 206 is currently with the Senate, there might also be value in reaching out to senators who have been appointed to represent Alberta. Senators appointed to represent Alberta include: Patti LaBoucane-Benson, Paula Simons, Karen Sorensen and Scott Tannas. Contact information for each senator can be found at https://sencanada.ca.

Thank you for taking the time to write.

Sincerely,

Jason Nixon Minister

#### **INITIAL ASBPC GRADE: INCOMPLETE**

**COMMENTS:** The ASBPC graded this response as incomplete as it did not provide enough detail to determine if the measures referred to in the response address the concern of the ASBs. The Committee sent the minister of AAFC a letter requesting further details by May 15; no response was received.

## RESOLUTION 6-22: AMENDMENTS TO THE ASB CONFERENCE RESOLUTION RULES OF PROCEDURE

- WHEREAS: Resolutions are crucial to Alberta's Agricultural Service Boards' advocacy efforts; WHEREAS: Effective resolution advocacy relies on strongly-worded resolutions providing clear and concise direction as to the issue and preferred solution; WHEREAS: Resolutions allow Agricultural Service Boards to bring forward issues that require action by other levels of government and direct the advocacy process; WHEREAS: Resolutions are reviewed by the Regional Resolution Committee prior to the Regional Conference and reviewed by the Agricultural Service Board Provincial Committee prior to the Provincial Conference; WHEREAS: The Regional Resolution Committee membership consists of a different member structure than the Agricultural Service Board Provincial Committee; WHEREAS: The Agricultural Service Board Regional and Provincial Committee do not have the authority to require changes, aside from grammar, without the approval of the sponsoring municipality;
- WHEREAS:The Agricultural Service Board Regional and Provincial Committee do not have<br/>the authority to identify when a resolution duplicates an issue already<br/>addressed through a previous resolution;

#### THEREFORE BE IT RESOLVED

#### THAT ALBERTA'S AGRICULTURAL SERVICE BOARDS REQUEST

that the Agricultural Service Board Provincial Committee bring forward amendments to the Regional and Provincial ASB Conference Rules of Procedure for consistent ASB member representation, and to facilitate greater oversight of the review of resolutions, with the objectives to clarify the content within resolutions and reduce resolution duplication in consultation with the sponsoring municipality.

#### **STATUS:** Provincial

#### **RESPONSE:**

RE: Response to Resolution 6-22: Amendments to the ASB Conference Resolution Rules of Procedure

The Agriculture Service Board Provincial Committee (Committee) has the privilege of serving the 69 ASBs across the province by working to achieve a collective voice that would facilitate and represent both the diversity and commonalities of ASBs. The Committee strives to provide better information and communication to ASBs about current issues and government policy, act as a resource for government ministries for policy and program review and development and elevate the significance of ASBs. The resolution process is a well-established process that plays a significant roll in achieving these objectives.

The Committee values the feedback from its members and is committed to continuous improvement. Since 2020, the Committee has increased communications through regular blog posts, submissions to the ASB newsletter, and direct email. Resolution responses are now posted on the blog and sent directly to the sponsoring municipality for their comments. Grading sheets are available online giving ASBs the ability to grade resolution responses as they are received. Changes have been made to the resolution report card to better capture the activities of the Committee and advancement of the resolutions. In addition, the executive assistant for the Committee has been available to engage with ASBs during resolution development to review and offer suggestions based on the current advocacy efforts.

The Committee is reviewing Resolution 6-22 and discussing changes to the Rules of Procedures. We have obtained a copy of the Rural Municipalities Association (RMA) Resolution Process Policy and have been in contact with their staff on the same topic. In addition, the parliamentarian hired for the 2022 Resolution Session has provided the Committee with a report detailing suggestions for improvement. The Committee has committed to presenting changes to the Provincial and Regional Rules of Procedure at the 2023 Provincial ASB Conference for vote by the assembly.

In service, Sebastien Dutrisac ASB Provincial Committee Chair

#### GRADE:

**COMMENTS:** As this resolution is directed to the ASBPC, the grade will be determined by the submissions from the membership.

## **2022** Resolution Grading

#### How to Use:

- 1. Use dropdown menu to insert name of mu
- 2. Use dropdown menu in column D to grade
- 3. Add comments that can assist the Commit
- 4. Submit completed spreadsheet by June 30

#### **Definitions:**

#### Accept the Response

A response that has been graded as Accept th

#### **Accept in Principle**

A response that is graded **Accept in Principle** 

#### Incomplete

A response that is graded as **Incomplete** does Follow up is required to solicit information for t

#### Unsatisfactory

A response that is graded as **Unsatisfactory** d

Municipality Name	<b>Resolution Number</b>
ASBPC	1-22
	2-22
	3-22
	4-22
	5-22
	6-22

ASBPC (Agricultural Service Board Provincial C

#### nicipality in Box A24 (highlighted) each resolution tee in assigning final grade in Column E to Linda Hunt, Executive Assistant to the ASB Provincial Committee at: **asbprovcommittee@gr**

e Response addresses the resolution as presented or meets the expectations of the Provincial ASI

addresses the resolution in part or contains information that indicates that further action is being a

not provide enough information or does not completely address the resolution. he Provincial ASB Committee to make an informed decision on how to proceed.

oes not address the resolution as presented or does not meet the expectations of the Provincial AS

Resolution Name					
Vegetation management on Alberta Highways					
Restoration of Alberta Agriculture, Forestry and Rural Economic Development Regional Networks of Experts					
Celebrate Canada Agriculture Day in Alberta Schools (Feb 22, 2022)					
Properly Managing Ungulate Populations					
Exemption of Natural Gas and Propane for Agriculture Under the Greenhouse Gas Pollution Pricing Act					
Amendments to the ASB Conference Resolution Rules of Procedure					

committee)

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3 Committee.

onsidered.

3B Committee

Grade	Comments
Accept in Principle	
Accept in Principle	
	Central Region ASB Chair / Fieldman Meeting Grade:
Accept the Response	Unsatisfactory
Incomplete	
Incomplete	
	Central Region ASB Chair / Fieldman Meeting Grade: Accept in Principal

Municipality Grade Acadia Accept in Principle Athabasca Accept the Response Barrhead Incomplete Beaver Unsatisfactory **Big Lakes** Bighorn **Birch Hills** Bonnyville Brazeau Camrose Cardston **Clear Hills** Clearwater **Crowsnest Pass** Cypress Fairview Flagstaff Foothills Forty Mile **Grande Prairie** Greenview Kneehill Lac Ste. Anne Lacombe Lac La Biche Lamont Leduc Lesser Slave River Lethbridge Mackenzie Minburn Mountain View Newell Northern Lights Northern Sunrise Paintearth Parkland Peace **Pincher Creek** Ponoka Provost Ranchland Red Deer **Rocky View** St. Paul Saddle Hills

Smoky Lake Smoky River Special Area No. 2 Sepcial Area No. 3 Special Area No. 4 Spirit River Starland Stettler Strathcona Sturgeon Taber Thorhild Two Hills Vermilion River Vulcan Wainwright Warner Westlock Wetaskiwin Wheatland Willow Creek Woodlands Yellowhead

## **Alberta Crop Report**



## Crop Conditions as of June 7, 2022 (Abbreviated Report)

Precipitation in the South and Central regions is a highlight story in this week's crop report. As shown on the map to the right, a large portion of the Central and South regions received 20-50 mm of rain over the last seven days. This significant rainfall event was both timely - in that seeding for those regions is now largely complete - and meaningful - as those regions had the greatest need for moisture. For a large area of the South region, roughly 50 per cent of all precipitation this growing season fell in the last week. Lethbridge has recorded 30-40 mm of rain so far this growing season and 20-30 mm of this total fell this past week. Medicine Hat received 40-50 mm in the past week, bringing its season total to 75-100 mm range. The Calgary area has received 30-40 mm within the past week for a total of 60-75 mm growing season precipitation to date. While more precipitation through the growing season will still be necessary for the South, given very poor subsoil moisture reserves, emergence will likely now accelerate and early season growth can continue.

The second highlight of this week's crop report occurs in the Peace region where farmers' action and efficiency has drastically increased seeding progress. Just two weeks ago the Peace region was at only 36 per cent completion which was roughly half of its ten-year average completion. Even with this extremely delayed spring seeding the Peace



Visit weatherdata.ca for additional maps and meteorological data

Region is now 94 per cent complete (compared to its 96 per cent ten-year average).

Overall, seeding progress for major crops in the province is now 99 per cent complete, up 26 per cent from two weeks ago, and in-line with completion for the five-year and 10-year averages of 98 per cent. All regions except the Peace are over 99 percent complete and basically finished seeding of major crops. Seventy eight per cent of major crops have now emerged across the province, only modestly behind the five-year average of 82 per cent.

#### Table 1: Alberta Seeding Progress as of June 7, 2022

Tuble 1. Aberta becamy rogress as or bane 1, 2022								
	% Seeded							
	South	Central	N East	N West	Peace	Alberta		
Spring Wheat	99.7%	100%	100%	99.8%	94.5%	99.3%		
Barley	99.6%	99.9%	99.8%	96.6%	89.1%	98.5%		
Oats	100%	99.7%	99.6%	92.4%	86.8%	94.8%		
Canola	99.3%	100%	100%	100%	93.8%	98.7%		
Dry Peas	99.8%	100%	100%	100%	100%	99.9%		
Major Crops, June 7	99.6%	100%	100%	99.1%	93.9%	98.9%		
Major Crops, May 24	88.4%	85.6%	78.1%	54.4%	36.6%	73.4%		
5-year (2017-2021) Avg	<b>99.</b> 8%	99.7%	97.4%	97.1%	93.9%	98.0%		
10-year (2012-2021) Avg	99.8%	99.2%	97.3%	97.7%	96.0%	98.2%		

Source: AFRED/AFSC Crop Reporting Survey



Our thanks to Alberta Agricultural Fieldmen and staff of AFSC for their partnership and contribution to the Alberta Crop Reporting Program. The climate map is compiled by Alberta Agriculture, Forestry and Rural Economic Development, Natural Resource Management Branch.

Hberta

Last week's precipitation improved soil moisture reserves for the South, Central and Peace regions, but the North West and North East marginally declined. Despite the improvement in most areas, soil moisture reserves remain below long-term average for most parts of the province, with the exception of the Peace region. Despite the precipitation and highlighting the dry conditions of the South, subsoil moisture remains exhausted in the South where 91 per cent of sub surface (below 6 inches) soil moisture is rated Poor to Fair.

Pasture and tame hay conditions are relatively unchanged from the previous week. While recent precipitation offers opportunity for significant growth in the coming weeks, cool spring temperatures have also been a large growth limitation. Sixty day average daily mean temperatures have largely been "cool" to "very cool" across the entire province. These are qualitative rankings indicating a once in six to 25 year pattern of well below average spring temperatures. Provincially, pasture conditions (tame hay shown in brackets) are now estimated at 20 (14) per cent poor, 45 (40) per cent fair, 33 (44) per cent good and two (two) per cent excellent.



Table 2: Alberta Surface Soil Moisture Ratings as of June 7, 2022							
	Poor	Fair	Good	Excellent	Excessive		
South	18.4%	35.5%	39.9%	6.2%	0.1%		
Central	11.3%	18.5%	50.8%	19.4%	0.0%		
North East	11.4%	42.4%	44.2%	2.0%	0.0%		
North West	2.5%	39.2%	55.4%	2.9%	0.0%		
Peace	0.0%	7.5%	60.4%	32.1%	0.0%		
Province	11.5%	29.4%	47.6%	11.5%	0.0%		
5-year (2017-2021) Avg	6.0%	19.1%	47.8%	22.4%	4.6%		
10-year (2012-2021) Avg	8.3%	18.2%	44.5%	25.2%	3.8%		

Source: AFRED/AFSC Crop Reporting Survey

### **Regional Assessments:**

#### Region One: South (Strathmore, Lethbridge, Medicine Hat, Foremost)

- Most counties in the region received precipitation, with a large area receiving 20-50 mm.
- Despite rains this week, surface soil moisture to six inches is 54 per cent ranked poor to fair, which is a much larger acreage of low soil moisture than long term average. Even more significant, 91 per cent of sub-soil moisture (below six inches) is ranked as poor to fair.
- Seeding is complete with 82 per cent of major crops now emerged. While seeding was complete ahead of the fiveyear average for this region, emergence has been slower than the same respective average (90 per cent) due to poor soil moisture and cool temperatures. Some reseeding due to flea beetles is reported.
- Pasture conditions (tame hay shown in brackets) are rated as 36 (35) per cent poor, 56 (52) per cent fair and eight (12) per cent good. This is relatively unchanged over the past two weeks.

#### Region Two: Central (Rimbey, Airdrie, Coronation, Oyen)

- Crop reporters were communicating widespread relief with this week's rains. Most areas had five to 30 mm of rain.
- Sixty per cent of surface soil moisture is now rated as good or excellent.
- Crop seeding is 100 per cent complete. About 94 per cent of major crops have emerged which is the highest level of all regions in the province. There are reports of canola reseeding due to frost.
- Pasture and tame hay fields are delayed from cool spring temperatures. Pasture conditions (tame hay shown in brackets) are rated as 14 (eight) per cent poor, 30 (21) per cent fair, 51 (63) per cent good and five (seven) per cent excellent.

#### Region Three: North East (Smoky Lake, Vermilion, Camrose, Provost)

- With only trace to five mm of rainfall over the past week, the North East region did not receive the meaningful rainfall that other regions did.
- Seeding is now 100 per cent complete, with about 89 per cent of crops emerged. This emergence is moderately ahead of the five-year average of 83 percent. Several crop reporters reference flea beetle damage to canola.
- Pasture conditions (tame hay shown in brackets) are rated as eight (10) per cent poor, 48 (51) per cent fair, 41 (37) per cent good and two (two) per cent excellent. Late season frosts and on-going cool spring temperatures limiting current growth and yield potential is highlighted by several crop reporters.

#### Region Four: North West (Barrhead, Edmonton, Leduc, Drayton Valley, Athabasca)

- A large portion of the North West Region received five to 30 mm of rain over the past seven days.
- Seeding is now 99 per cent complete on major crops. About 76 per cent of seeded crops have now emerged, modestly ahead of the five-year average for the region. Emergence of oats and canola in this region is notably delayed from the other major crops. Minor and localized reports of flea beetles along with modest overnight frosts are reported.
- Pasture conditions (tame hay shown in brackets) are rated as five (four) per cent poor, 53 (44) per cent fair and 42 (52) per cent good. There is zero pasture or hay rated as 'excellent.'

#### Region Five: Peace (Fairview, Falher, Grande Prairie, Peace River, Valleyview)

- The Peace region received trace to 10 mm of rain over the past week.
- Surface soil moisture is rated as 92 per cent good or excellent.
- Seeding is now at 94 per cent completion on major crops. Peace farmers have made substantial seeding gains over the past three weeks and have been very efficient and disciplined once weather allowed. Seeding progress was a worrisome three per cent on major crops on May 17 and 37 per cent on May 24, then progressed rapidly to 79 per cent on May 31 and 94 per cent this week. Thirty per cent of major crops have now emerged, however this is substantially delayed from the five-year average of 68 per cent for this time in the season.
- Pasture conditions (tame hay shown in brackets) are rated as 14 (16) per cent poor, 38 (40) per cent fair and 47 (43) per cent good and one (one) per cent excellent.

### Contact

Agriculture Financial Services Corporation Research and Innovation Lacombe, Alberta **June 7, 2022**  Stuart Chutter Product Coordinator

#### Email: schutter@afsc.ca

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