

MD OF RANCHLAND AG BULLETIN

News, updates, and information for our community.



IMPROVING CARBON SEQUESTRATION ON THE RANCH

It is no secret climate change is on the rise. Carbon dioxide emissions are increasing temperatures and extreme weather events such as drought.

Ranchers have a unique position to help counter balance emissions. Through carbon sequestration, carbon dioxide is absorbed by plants using photosynthesis and stored in roots, soil, and foliage. Forests and stable grasslands are carbon sinks because they store lots of carbon for a long time.

To maximize carbon sequestration there are a few actions to implement. One is sustainable grazing practices like appropriate stocking rates and rotations. Another is restoration of degraded land. A third is water conservation. Improved rangeland and ecosystem health leads to more sequestration.

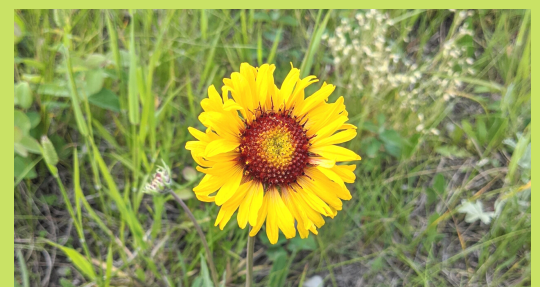
Canada is developing a greenhouse gas offset system that will allow ranchers to sell carbon credits. If interested, research how to get involved.

GRANTS TO APPLY FOR

www.cowsandfish.org/projects

Applying the Cows & Fish Process in the Eastern Slopes

Funds projects that protect or enhance health of riparian areas (wetlands, springs, creeks, ponds, or lakes). Examples include fencing around riparian areas, beaver co-existence tools, or off-site watering units to divert livestock away from a riparian area. If interested, contact Erin at 403-646-3131 or erin@ranchland66.com.



WEED TO WATCH

White Cockle

Silene latifolia ssp. alba

ID characteristics: leaves teardrop shaped & opposite, leaves & stems hairy, flowers white with 5 notched petals at top of egg-shaped capsule.



Gerald C. Williamson

EFP Webinar Series

Join us on Zoom to learn more about the Alberta Environmental Farm Plan program, and why you would want to have an EFP for your farm.

October 13, 2021
2 pm - 2:30 pm

November 16, 2021
9 am - 9:30 am

December 7, 2021
1 pm - 1:30 pm

REGISTER
INFO@ALBERTAEFP.COM
587-200-2552

Funded by the Government of Canada and the Government of Alberta through the Canadian Agricultural Partnership.



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www.mdranchland.ca

If you would like to contribute to this bulletin by writing an article, submitting a photo to be featured, recommending an organization, noxious weed, or grant, or any other suggestions, please send an email to erin@ranchland66.com with the subject line "Bulletin". Thanks for reading and I look forward to your feedback!

ORGANIZATION HIGHLIGHT

Trout Unlimited Canada

www.tucanada.org

TUC works to conserve Canada's freshwater ecosystems and coldwater resources. They are dedicated to developing projects along waterways, especially protecting and restoring vulnerable wildlife habitat. TUC also works with other stakeholders. In the Alberta Chapter, many of the projects involve conservation of habitat for Bull Trout and Westslope Cutthroat Trout, two threatened fish. There are often volunteer opportunities to contribute to this meaningful work. For more information, visit the website.

