

MD OF RANCHLAND AG BULLETIN

News, updates, and information for our community.



CONSERVING NATIVE RANGELANDS FOR CARBON SEQUESTRATION AND AIR QUALITY

Stretching across the Rocky Mountains and Foothills of southwest Alberta, native rangelands offer more than scenic beauty and biodiversity, as they play a vital role in improving air quality and storing carbon.

These landscapes store vast amounts of carbon in both plants and soil. Deep-rooted native grasses and forbs absorb atmospheric carbon dioxide and transfer it underground through photosynthesis. Unlike cultivated land, undisturbed rangelands experience little soil disruption, reducing the risk of carbon re-release.

Rangeland vegetation also acts as a natural air filter, capturing airborne pollutants while producing oxygen. Healthy plant communities help improve air quality, especially during dry seasons and wildfire-prone years.

Sustainable grazing and rangeland restoration further enhance these carbon and air quality benefits. Stewardship efforts not only support ranching livelihoods but also contribute to a healthier planet.

To discuss further, please contact staff at ag3@ranchland66.com or 403-646-3131.

Source(s): 1) alberta.ca/grazing-and-range-management
2) abmi.ca/habitat/soil-carbon 3) alberta.ca/range-health
4) organicagcentre.ca/ecosystem-and-biodiversity-management/boreal-forests-and-grasslands-albertas-natural-carbon-warriors

GRANT TO APPLY FOR

watertonbiosphere.com/projects/habitat-stewardship

Waterton Biosphere Region Supporting Landowners In Conservation and Stewardship (SLICS) Habitat Stewardship

SLICS Habitat Stewardship program offers cost-shared funding and support to ranchers for habitat projects like off-site waterers, improved stream access, electric fencing for grazing, and beaver dam analogues. These protect riparian areas, reduce erosion, and support biodiversity.

Contact staff at 403-646-3131 or ag3@ranchland66.com with any questions.



WEED TO WATCH

Dame's Rocket

Hesperis matronalis

ID characteristics: Upright plant 0.5-1m tall with branching stems. Leaves are dark green, lance-shaped, hairy, and serrated. Flowers are white, pink, or purple with 4 petals in loose clusters. Long, slender seed pods become papery with black seeds.



Source: abinvasives.ca/fact-sheet/dames-rocket

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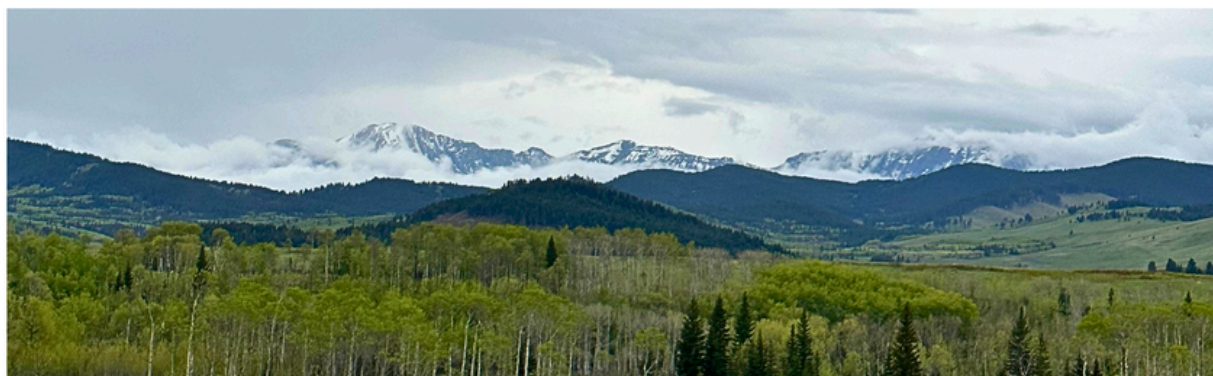


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If you would like to contribute to this bulletin by writing an article, submitting a photo to be featured, recommending an organization, noxious weed, or grant, or any other suggestions, please send an email to ag3@ranchland66.com with the subject line "Bulletin". Thanks for reading and I look forward to your feedback!



Bulletin Content Written by MD of Ranchland Agriculture Staff



SOUTHERN ALBERTA YOUTH RANGE DAYS



WHEN
JULY 22-24, 2025
WHERE
KIMBALL, ALBERTA
YOUTH AGES 13-18


The Southern Alberta Youth Range Days Program is an interactive event for youth, and families, interested in learning about a variety of rangeland, watershed, wildlife, and other topics related to natural resource management. Youth from all backgrounds including farm and ranch, acreage or town, are welcome to attend. This year's camp will be on the St Mary River, which is located in the heart of Canadian cattle country and includes sites throughout the region. Range Days provides a mentoring environment for youth with experts working within southern Alberta on these topics!

Registration is 100\$, space is limited!





Contact Tyler at tyler@mrwcc.ca to register today!



ORGANIZATION HIGHLIGHT

Freshwater Conservation Canada (Previously Trout Unlimited Canada)

freshwaterconservationcanada.org

Freshwater Conservation Canada (previously Trout Unlimited Canada) is dedicated to conserving, protecting, and restoring freshwater ecosystems and coldwater resources for current and future generations. Their work includes promoting sustainable land-use, reducing road and trail density, regulating stream crossings, reducing erosion, maintaining water quality, and protecting headwater streams that feed key rivers. They are active in areas such as Livingstone and the Porcupine Hills.



**Freshwater
Conservation
Canada**

