



Fri, April 14, 2023 at 12:00 to 1:00 pm

Speaker: **Anabel Dombro**, University of Alberta

**Control of invasive annual brome grasses in the mixedgrass prairie of Alberta using the herbicide indaziflam**

To Join (Zoom):

<https://ualberta-ca.zoom.us/j/97586545471?pwd=VGNKMUg0eFVLK1ZabFlidnl5RlVEZz09>

Meeting ID: 975 8654 5471

Passcode: 666778



Annual brome grasses are one of the most geographically widespread weeds that negatively impact the function of North American rangeland. They are undesirable forage plants, and can lower overall forage production, negatively affecting livestock production, mammal, and bird habitat. Records indicate that annual bromes are spreading northward into the northern Great Plains including southern Alberta, leading to concerns about the future status of Canada's mixedgrass prairie. Control of these species is of interest to land managers to improve or maintain rangeland function. Our field trials in southeast Alberta compared the effects of four rates of indaziflam (0, 37.5, 75, 150 g ai/ha) applied at two times (fall or spring) on annual-brome invaded grassland. The US recommended rate provided favorable control of annual brome grass and levels of annual brome control were sufficient to elevate perennial grass biomass.