

Species at risk in areas approved for strychnine application

The emergency use registration for strychnine application includes counties and municipalities in Alberta where species at risk may be found. Prior to application of strychnine, applicants should assess treatment areas for presence of species at risk and follow all label directions to minimize risk to species at risk.

Table 1. Status of species listed under the provincial *Wildlife Act* or the federal *Species at Risk Act* that may be impacted by strychnine.

Species	Provincial Status ¹	Federal Status
Burrowing Owl	Endangered	Endangered
Ferruginous Hawk	Endangered	Threatened
Greater Sage-Grouse	Endangered	Endangered (Urophasianus subspecies)
Ord's Kangaroo Rat	Endangered	Endangered
Swift Fox	Endangered	Threatened
Grizzly Bear	Threatened	Special Concern (Western population)
Loggerhead Shrike	Special Concern	Threatened (Prairie subspecies)
Prairie Falcon	Special Concern	-
Prairie Rattlesnake	Special Concern	Special Concern
Sprague's Pipit	Special Concern	Threatened
Chestnut-collared Longspur ²	-	Endangered
Thick-billed Longspur ²	-	Threatened
Bullsnake	-	Special Concern
Short-eared Owl	-	Special Concern
American Badger ³	Data Deficient	Special Concern (Taxus subspecies)

¹Listed under the *Wildlife Act* or as assessed by the scientific sub-committee of the endangered species conservation committee.

²Under assessment by the endangered species conservation committee.

³In Alberta's *Wildlife Act* and Wildlife Regulation, the American Badger is currently listed as a fur-bearing animal and may be harvested by individuals holding a fur management licence. Residents on private land and municipal pest control officers may also harvest badgers.

Learn more at <https://www.alberta.ca/richardsons-ground-squirrel-control>

Table 2. Species at risk that occur in counties or municipalities approved for emergency use of strychnine for Richardson’s Ground Squirrel Control. Species are marked with an “x” if they occur in a county or municipality based on their known distribution in Alberta. Species marked with an “x” may not occur throughout the entire county or municipality and are included here for consideration.

Municipality	Burrowing owl	Ferruginous hawk	Greater sage-grouse	Ord's kangaroo rat	Swift fox	Grizzly bear	Loggerhead shrike	Prairie falcon	Prairie rattlesnake	Sprague's pipit	Chestnut-collared longspur	Thick-billed longspur	Bullsnake	Short-eared owl	American badger
Beaver County							x	x		x				x	x
Brazeau County						x		x						x	
Camrose County							x	x		x				x	x
Cardston County	x	x				x	x	x	x	x	x	x		x	x
Clearwater County (parts of)						x		x						x	x
County of Barrhead No. 11								x						x	x
County of Minburn No. 27										x				x	x
County of Newell	x	x					x	x	x	x	x	x	x	x	x
County of Paintearth No. 18		x					x	x		x	x			x	x
County of St. Paul No. 19														x	x
County of Stettler No. 6		x					x	x		x	x			x	x
County of Two Hills No. 21														x	x
County of Vermilion River										x				x	x
County of Wetaskiwin No. 10								x		x				x	x
Cypress County	x	x	x	x	x		x	x	x	x	x	x	x	x	x
Flagstaff County		x					x	x		x				x	x
Foothills County		x				x	x	x		x	x			x	x
Forty Mile No. 8, County of	x	x	x		x		x	x	x	x	x	x	x	x	x
Kneehill County	x	x					x	x		x	x	x	x	x	x
Lac Ste. Anne County								x						x	x

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Lacombe County							X	X		X				X	X
Lamont County							X			X				X	X
Leduc County								X		X				X	X
Lethbridge, County of	X	X					X	X	X	X	X	X	X	X	X
M.D. of Acadia No. 34	X	X					X	X	X	X	X	X	X	X	X
M.D. of Pincher Creek No. 9		X				X	X	X		X	X			X	X
M.D. of Provost No. 52		X					X			X				X	X
M.D. of Ranchland No. 66		X				X		X						X	X
M.D. of Taber	X	X					X	X	X	X	X	X	X	X	X
M.D. of Wainwright No. 61							X			X				X	X
M.D. of Willow Creek No. 26		X				X	X	X		X	X			X	X
Mountain View County						X	X	X		X	X			X	X
Municipality of Crowsnest Pass						X		X						X	X
Parkland County								X						X	X
Ponoka County								X		X				X	X
Red Deer County							X	X		X				X	X
Rocky View County		X				X	X	X		X	X			X	X
Smoky Lake County														X	X
Special Areas 2	X	X		X			X	X	X	X	X	X	X	X	X
Special Areas 3	X	X					X	X	X	X	X	X	X	X	X
Special Areas 4	X	X					X	X		X	X			X	X
Starland County	X	X					X	X		X	X	X	X	X	X

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Strathcona County								X		X				X	X
Sturgeon County								X						X	X
Thorhild County														X	X
Vulcan County	X	X					X	X		X	X	X	X	X	X
Warner No. 5, County of	X	X			X		X	X	X	X	X	X	X	X	X
Westlock County								X						X	X
Wheatland County	X	X					X	X		X	X	X	X	X	X

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