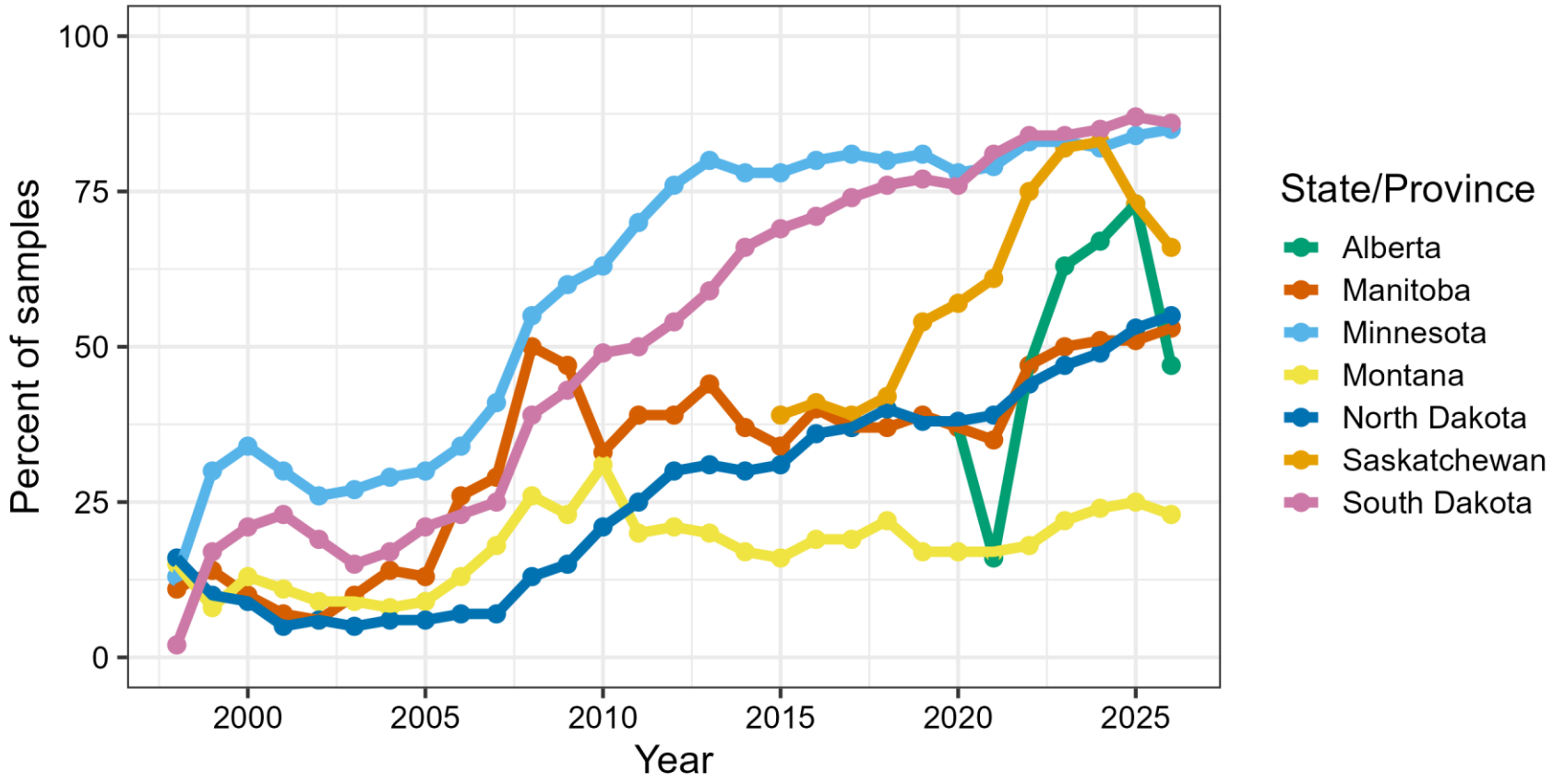
AGVISE Soil Test Summary 2026 Alberta, Saskatchewan, Manitoba

Regional summary of residual soil nitrate after major crops and soil test nutrient levels

Soil samples collected as a precision sample (grid or zone)

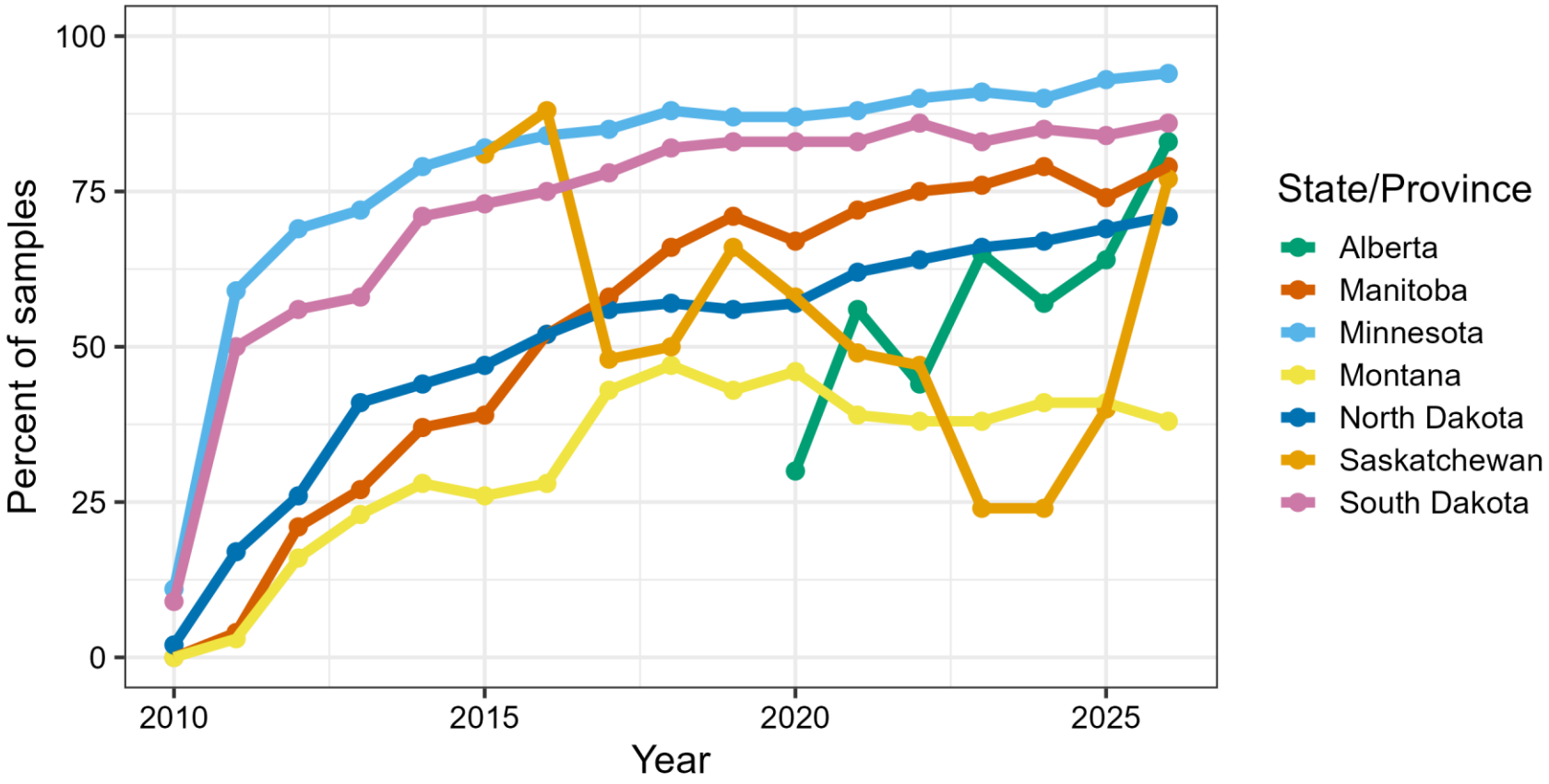
Trend from 1998 to 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples submitted using AGVISE Online Submission

Trend from 2010 to 2026



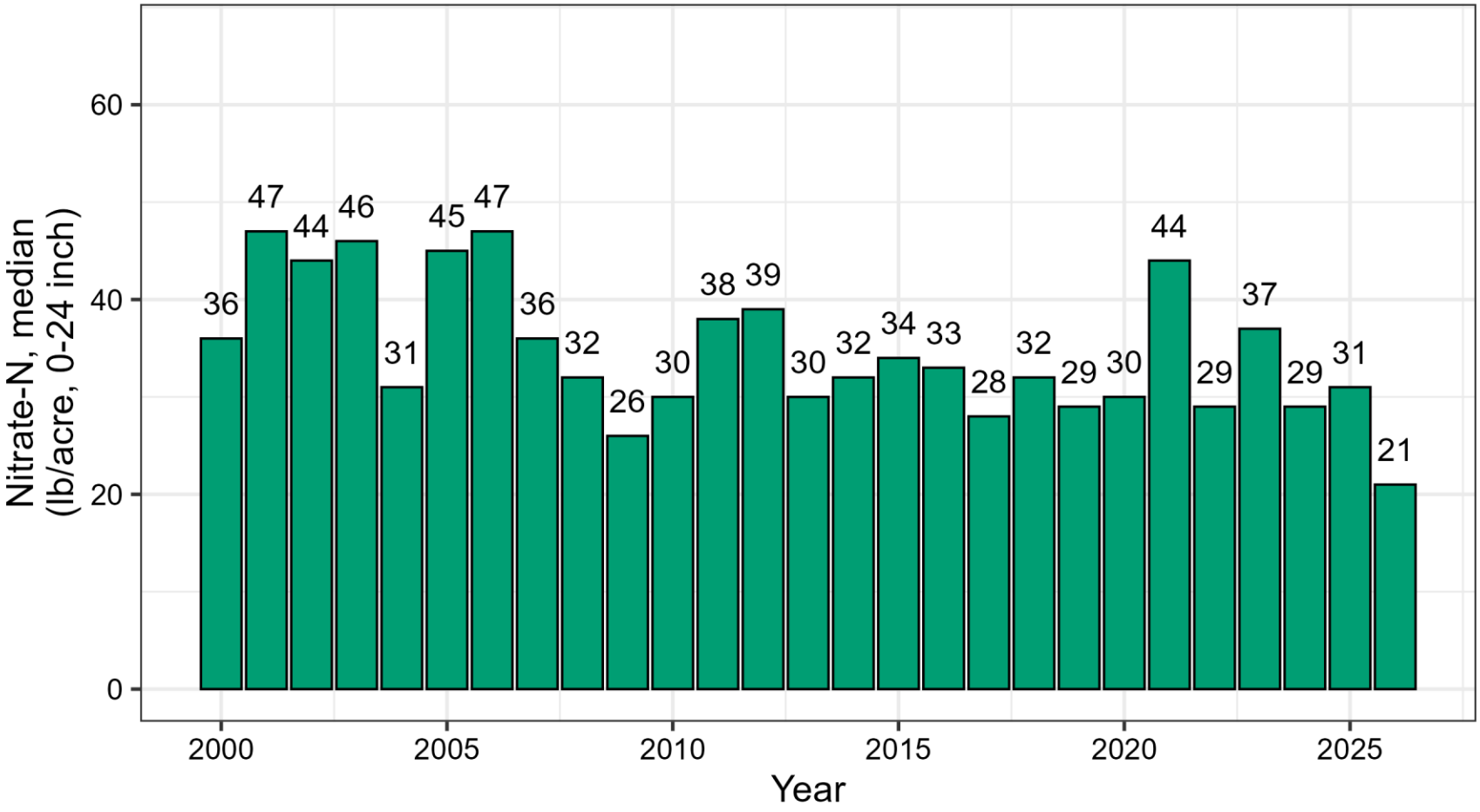
Data not shown where n< 100
AGVISE Laboratories, Inc.

Small grains and cereals

Barley, oat, wheat (all types), corn

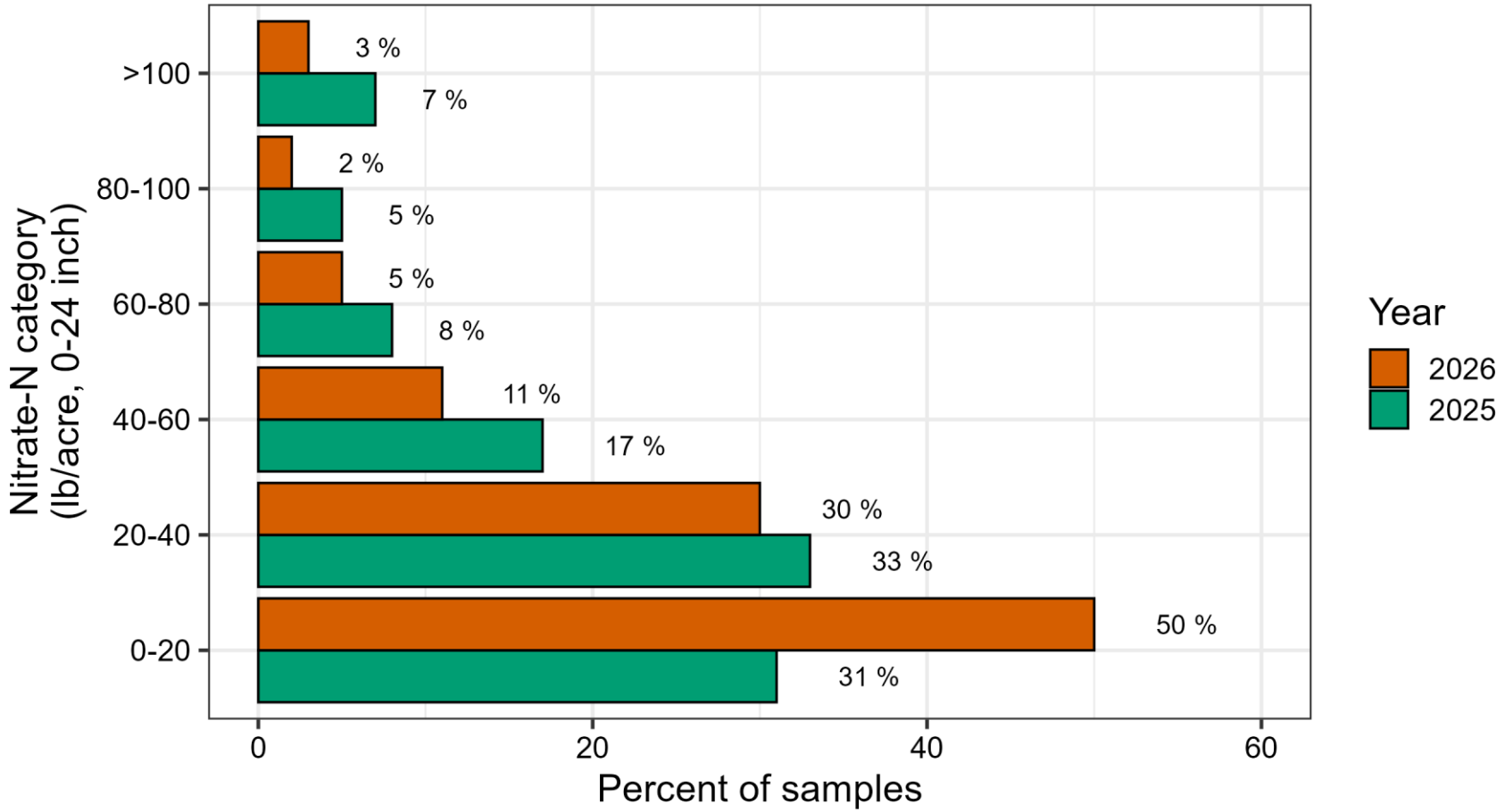
Residual nitrate following barley

Trend from 2000 to 2026



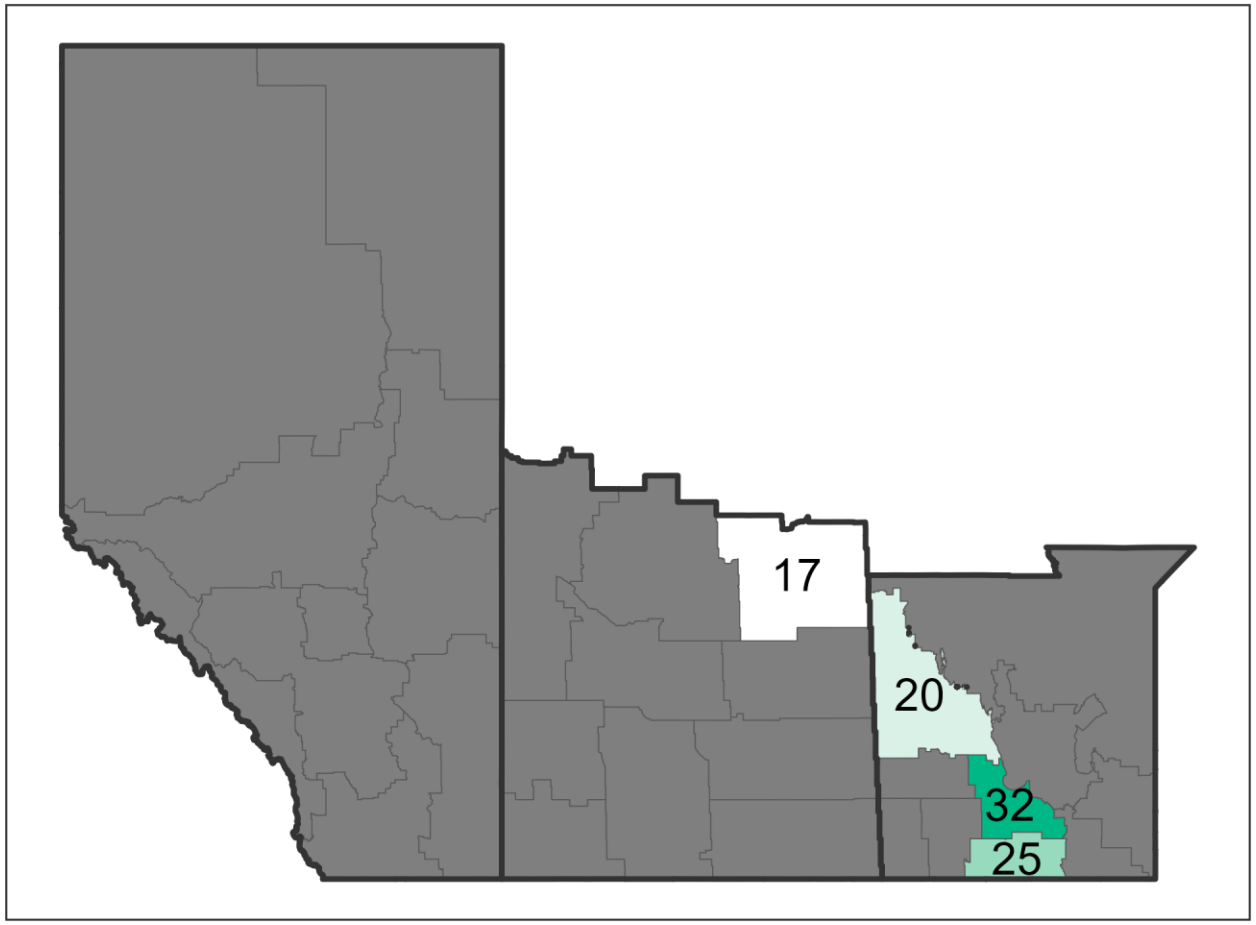
Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate variability following barley in 2025 & 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate following barley in 2026



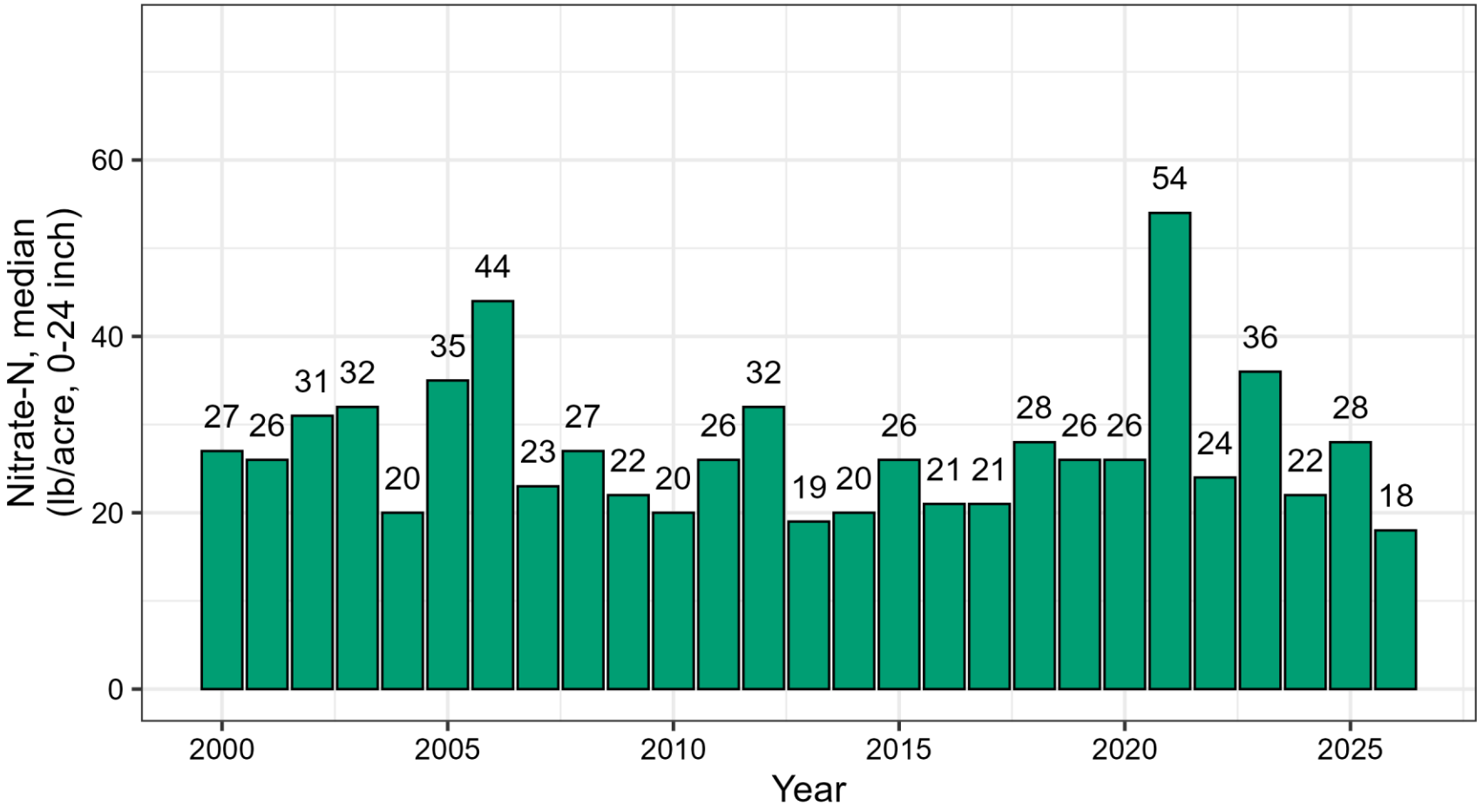
Nitrate-N, median
(lb/acre, 0-24 inch)

32
28
24
20

Data not shown where n< 100
AGVISE Laboratories, Inc.

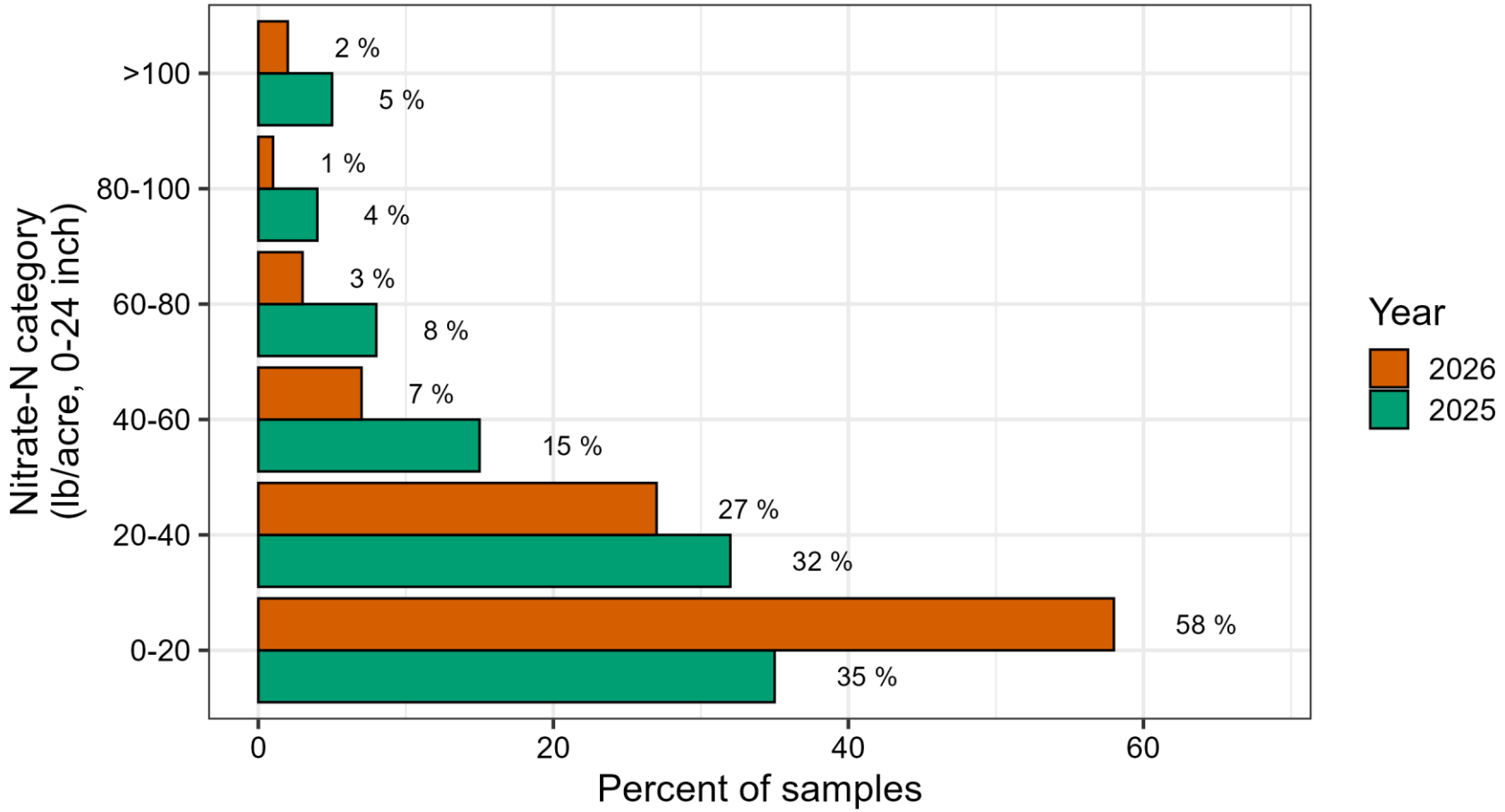
Residual nitrate following oat

Trend from 2000 to 2026



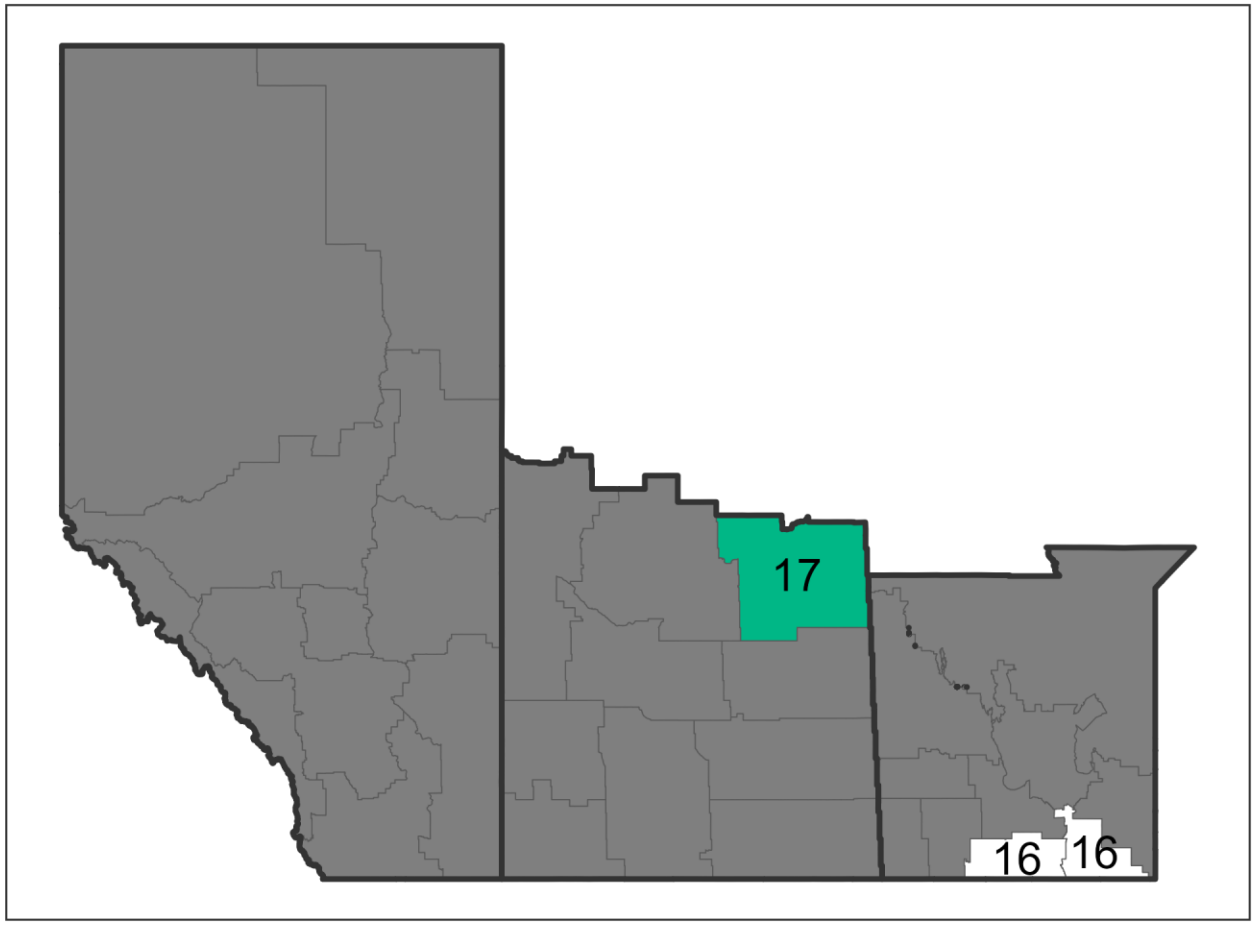
Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate variability following oat in 2025 & 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

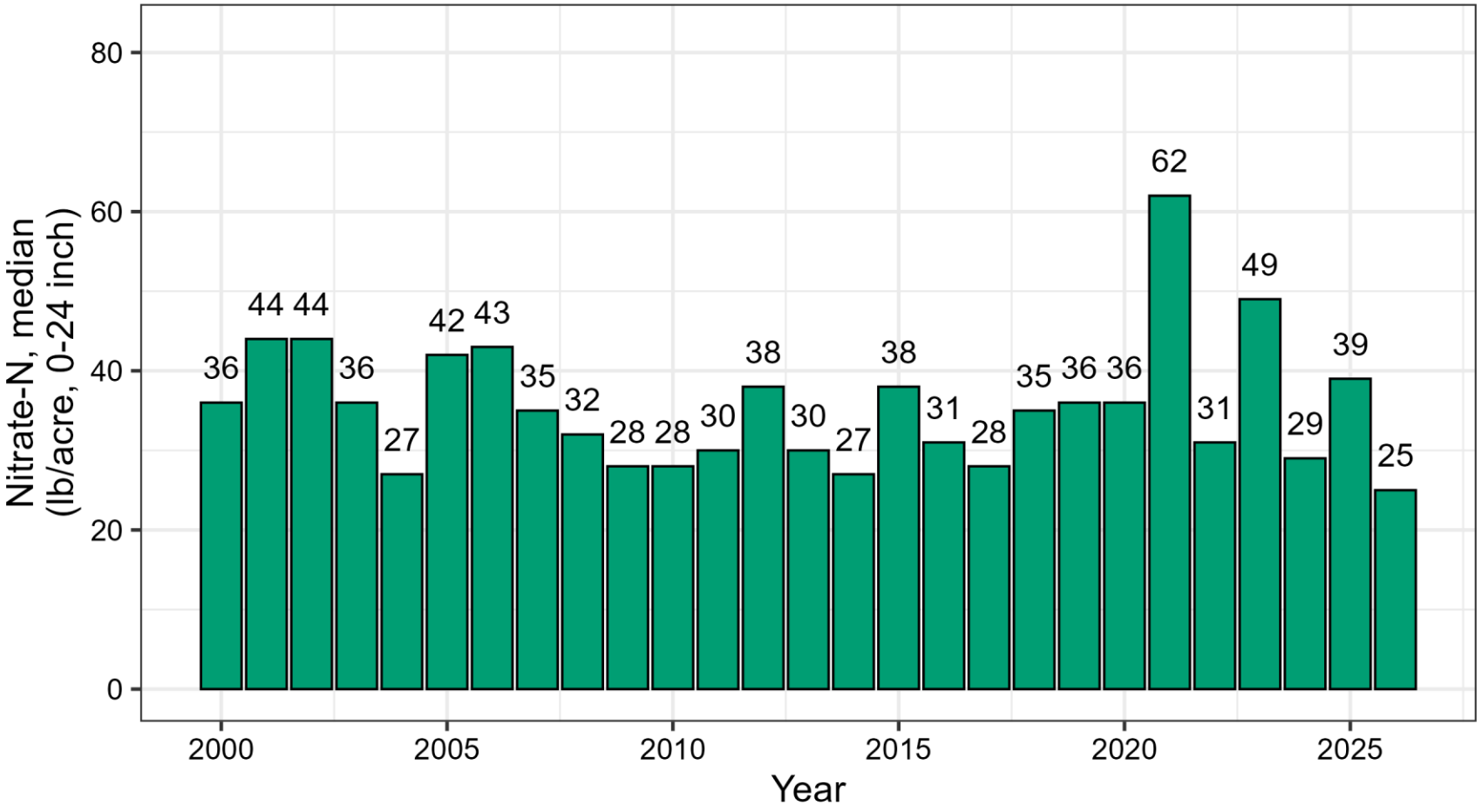
Residual nitrate following oat in 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

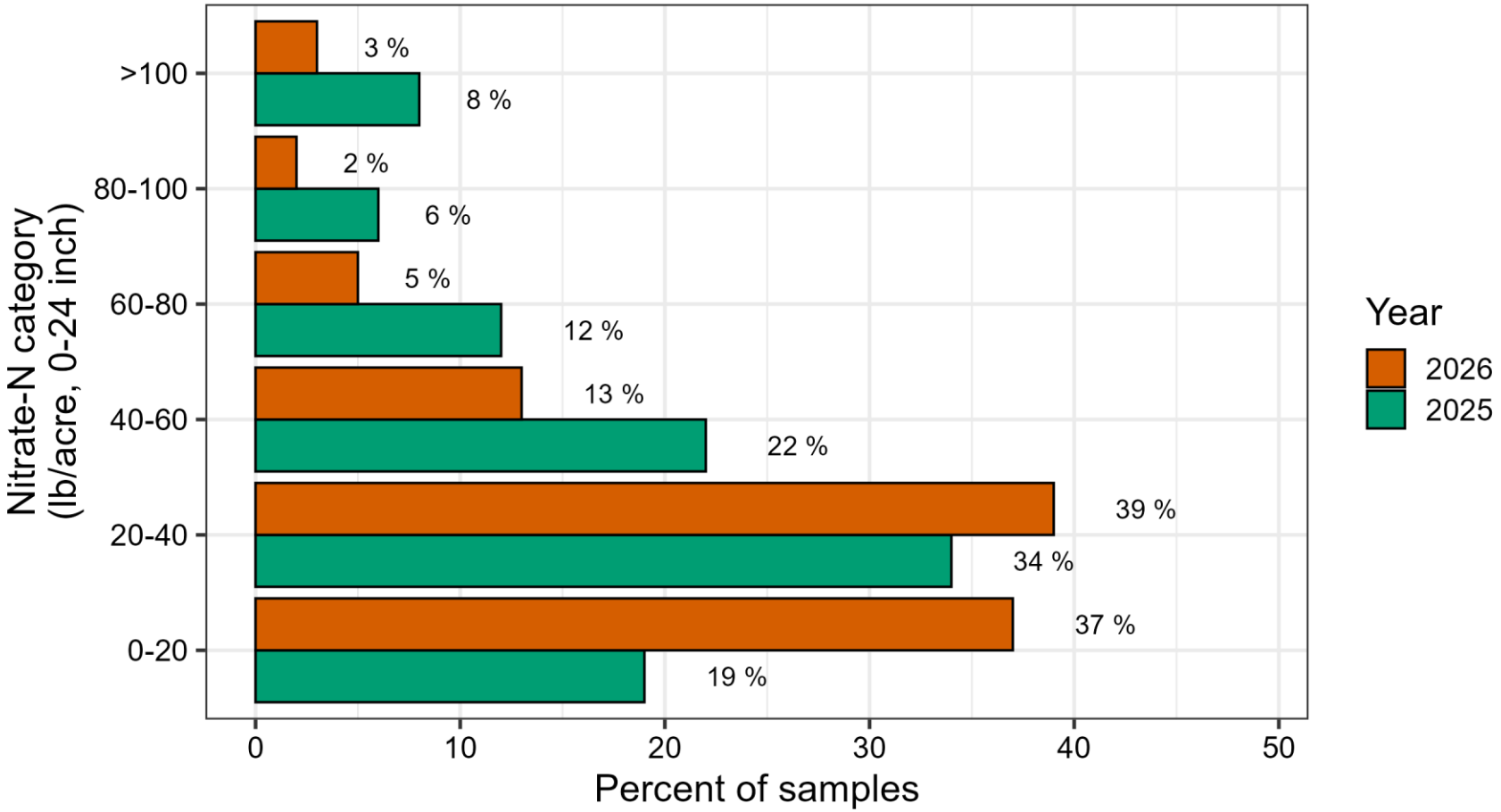
Residual nitrate following wheat

Trend from 2000 to 2026



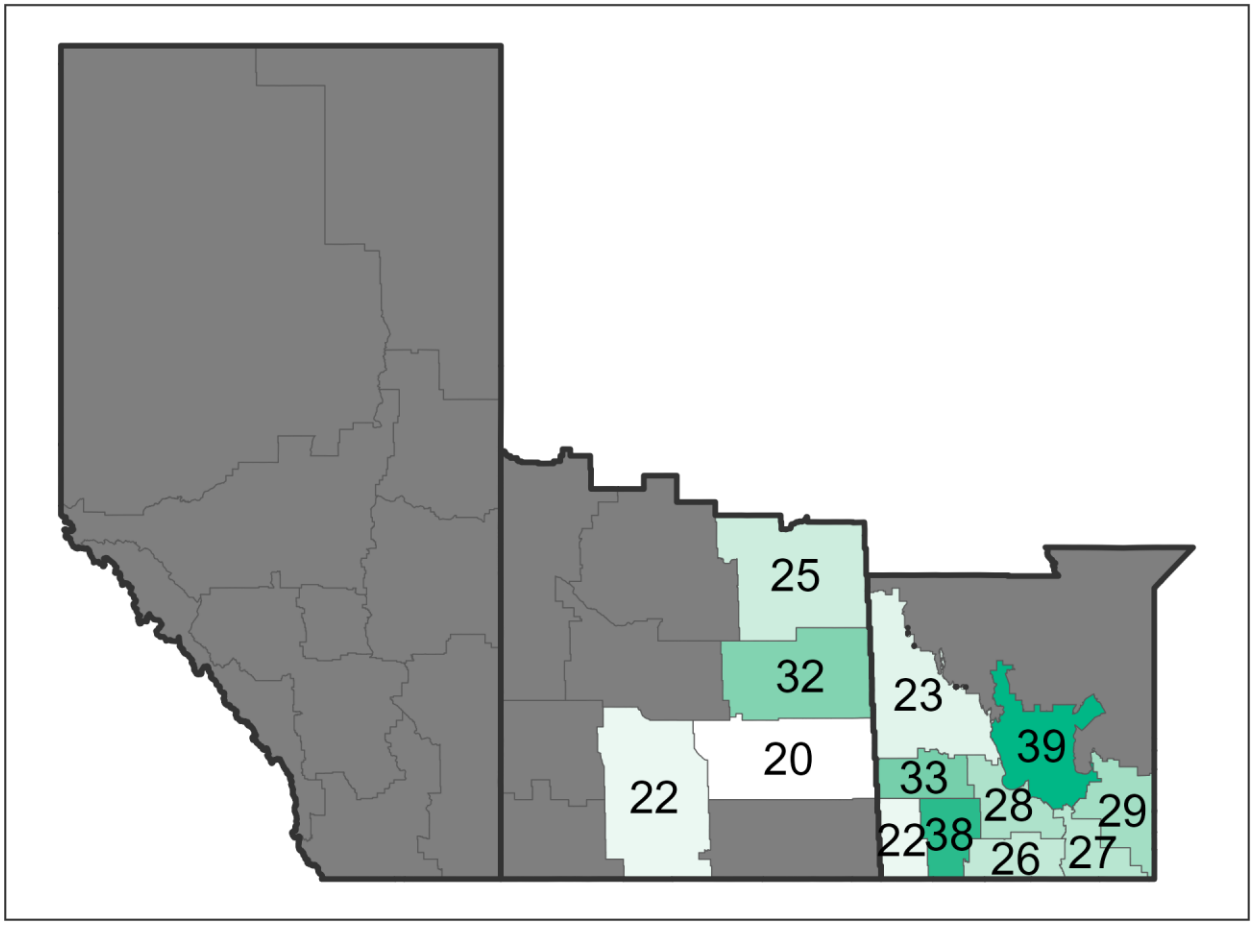
Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate variability following wheat in 2025 & 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

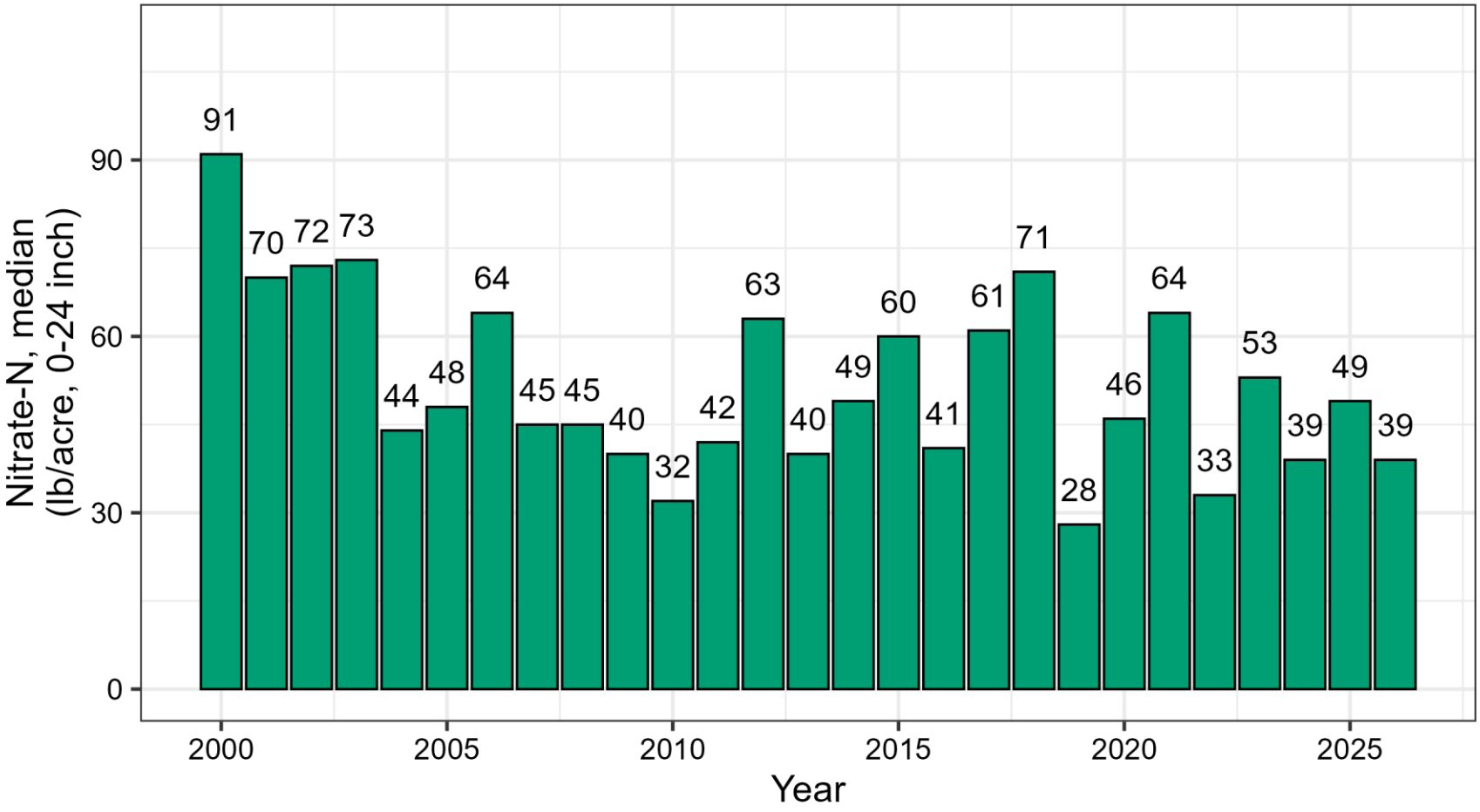
Residual nitrate following wheat in 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

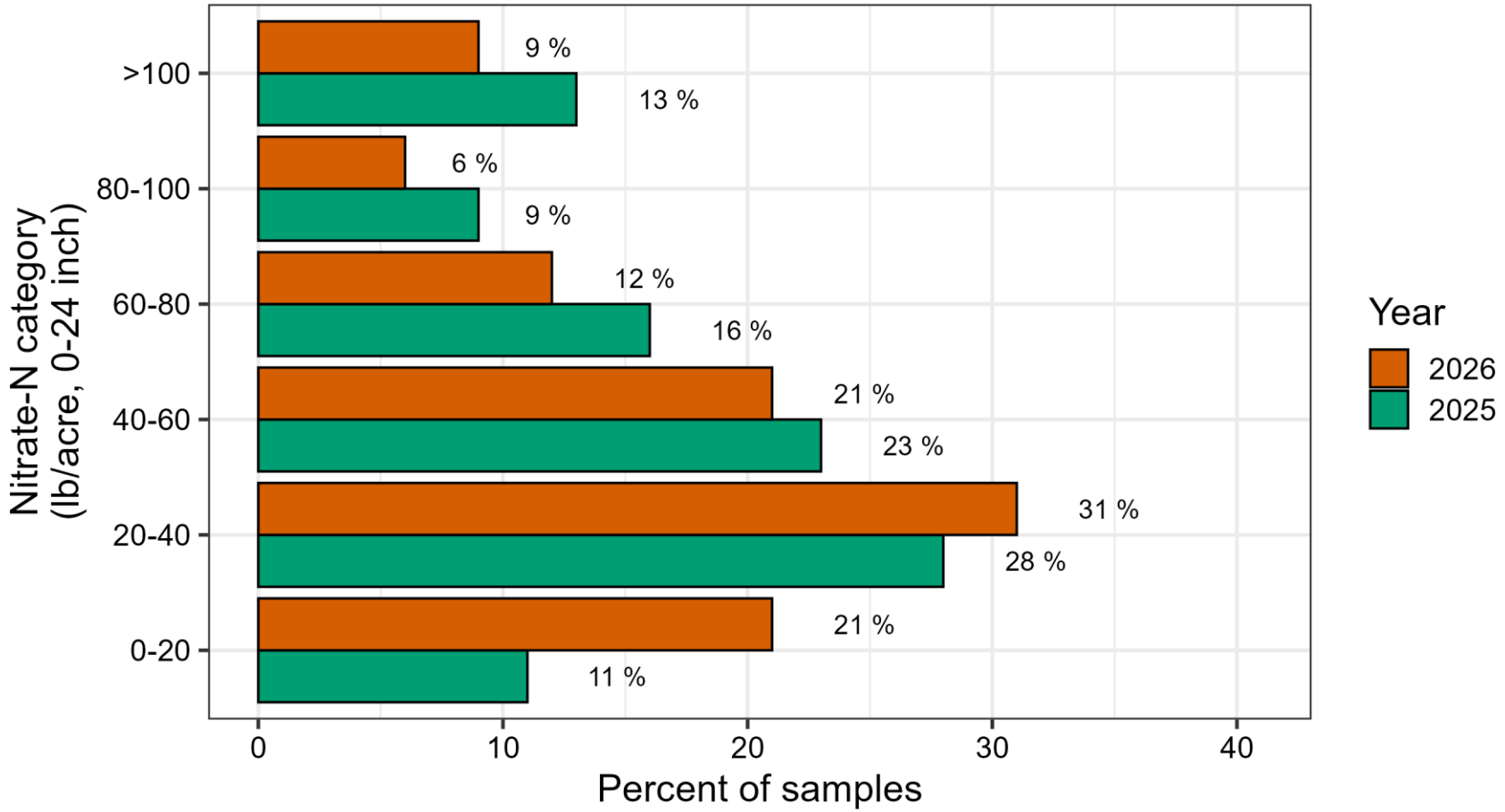
Residual nitrate following corn

Trend from 2000 to 2026



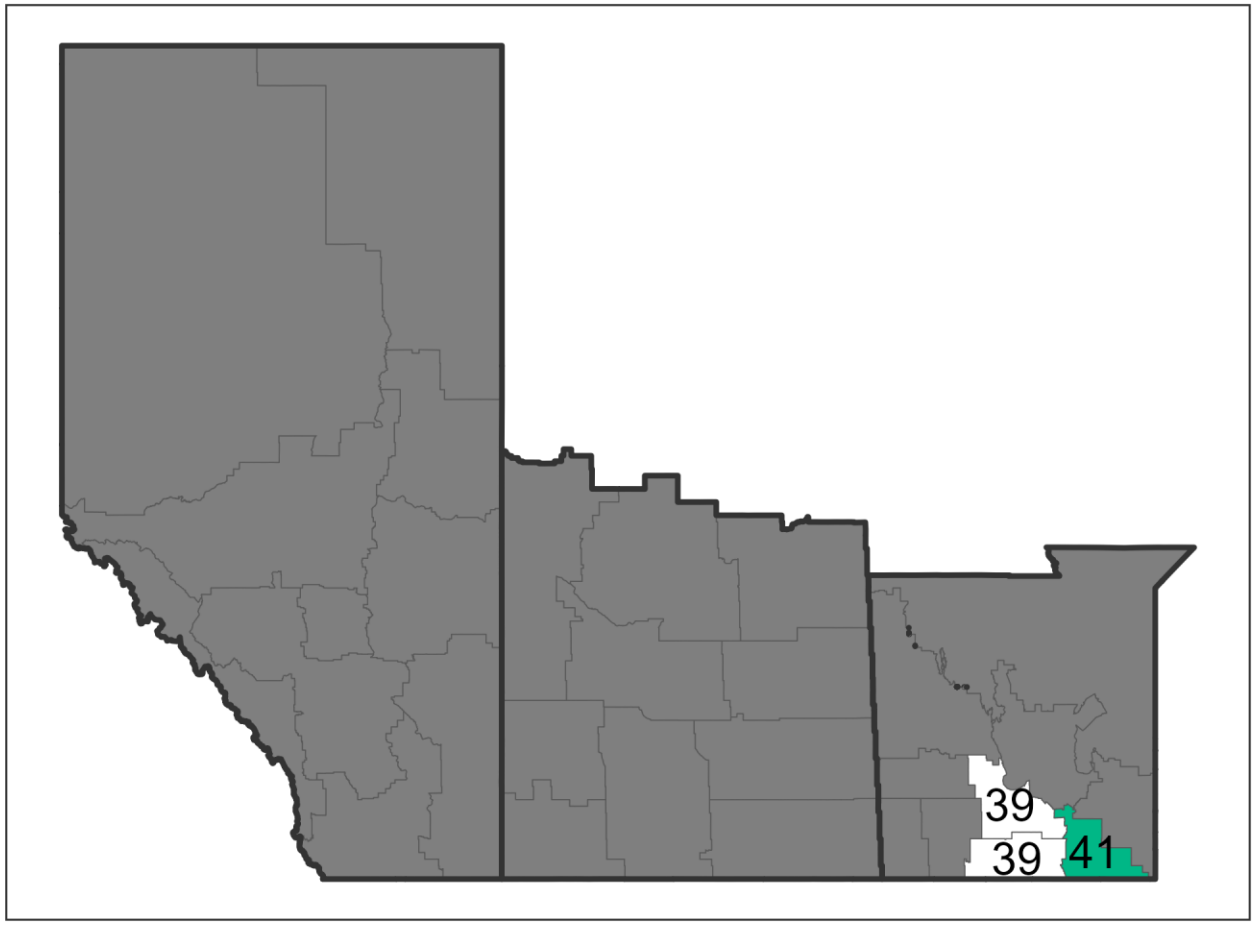
Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate variability following corn in 2025 & 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate following corn in 2026



Nitrate-N, median
(lb/acre, 0-24 inch)

41.0
40.5
40.0
39.5
39.0

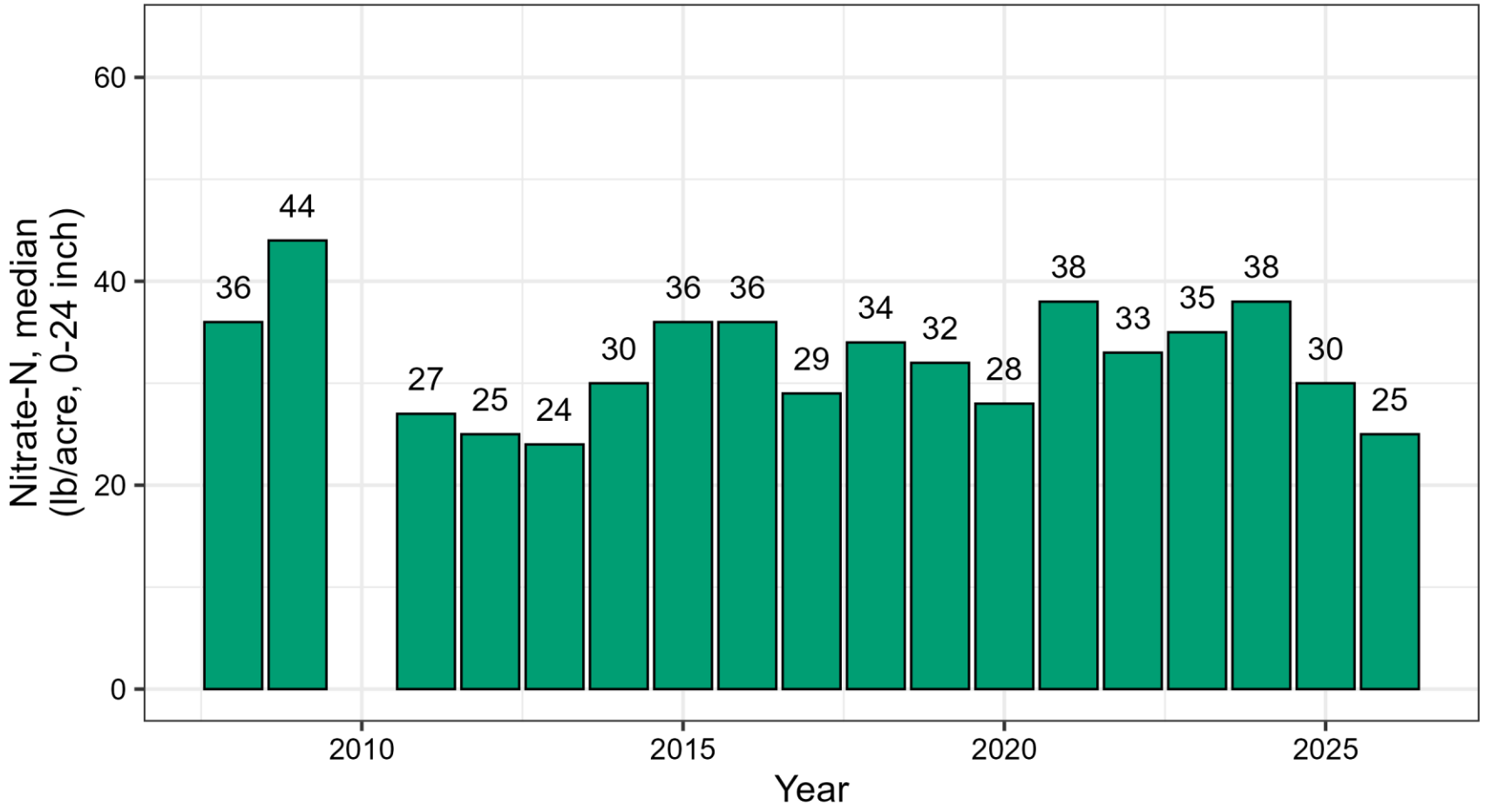
Data not shown where n< 100
AGVISE Laboratories, Inc.

Pulses and oilseeds

Pulses (chickpea, lentil, field pea), dry beans (all market classes), soybean, canola, sunflower

Residual nitrate following pulses

Trend from 2008 to 2026



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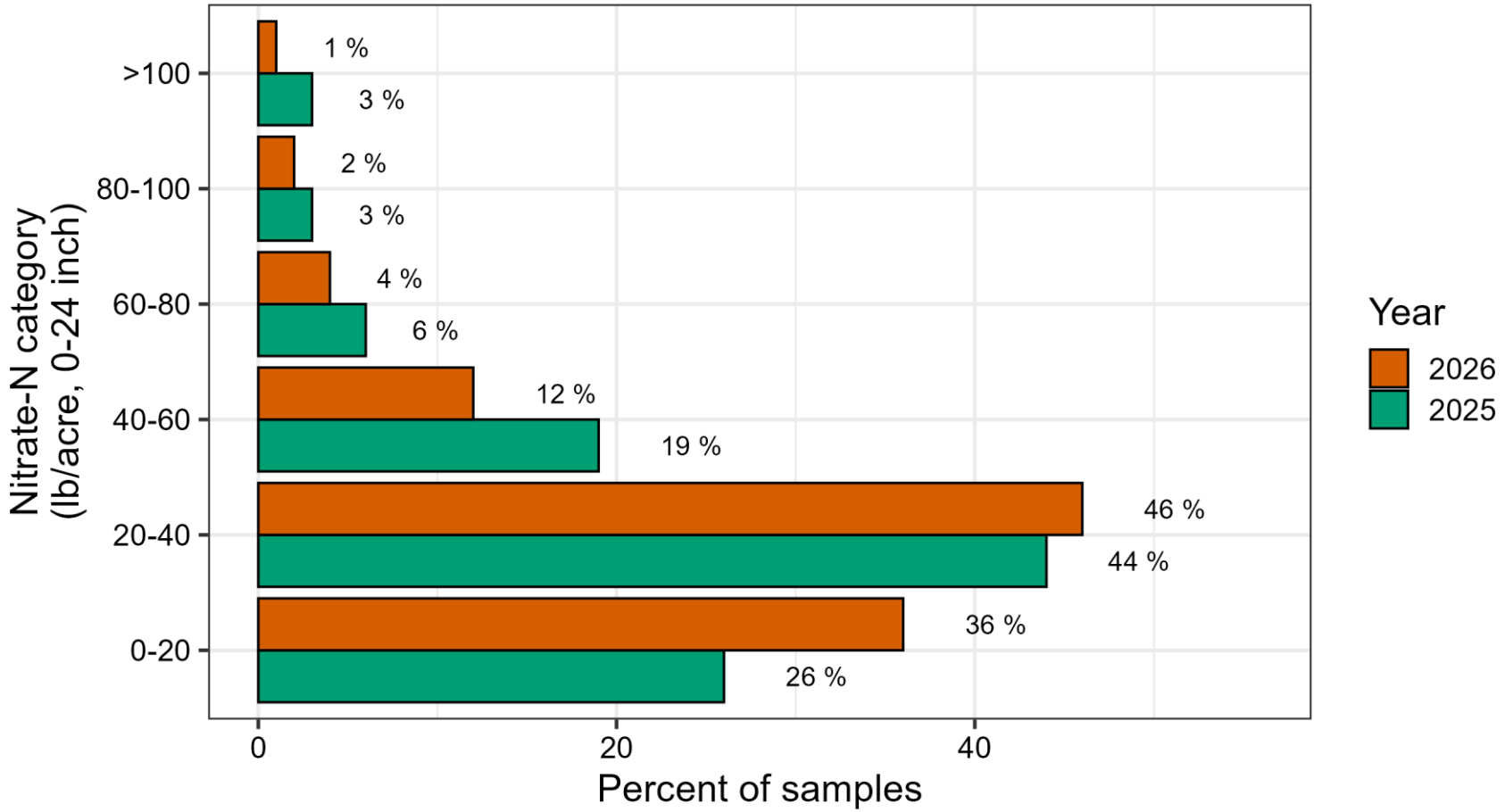
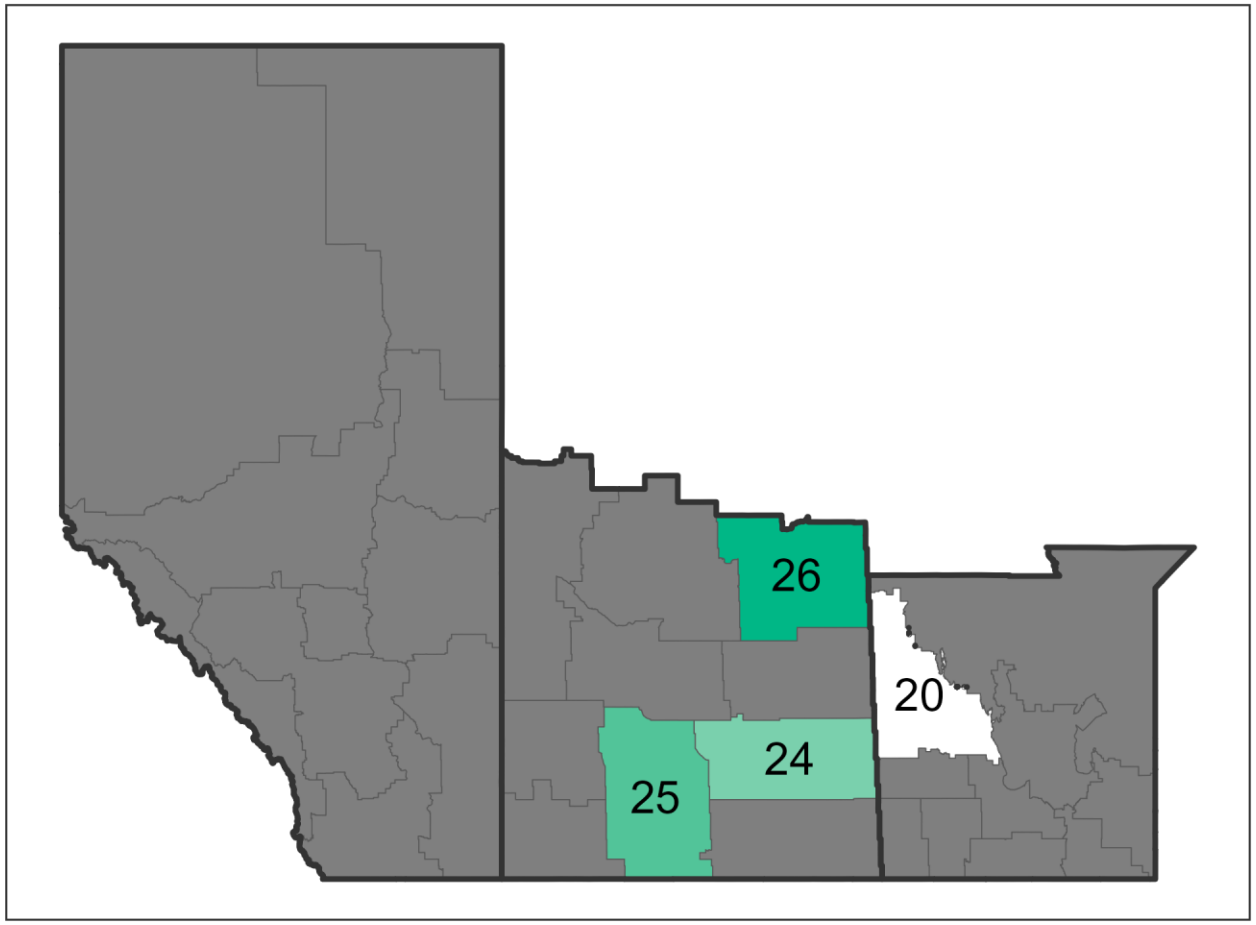
AGVISE Laboratories, Inc.

Residual nitrate variability following pulses in 2025 & 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

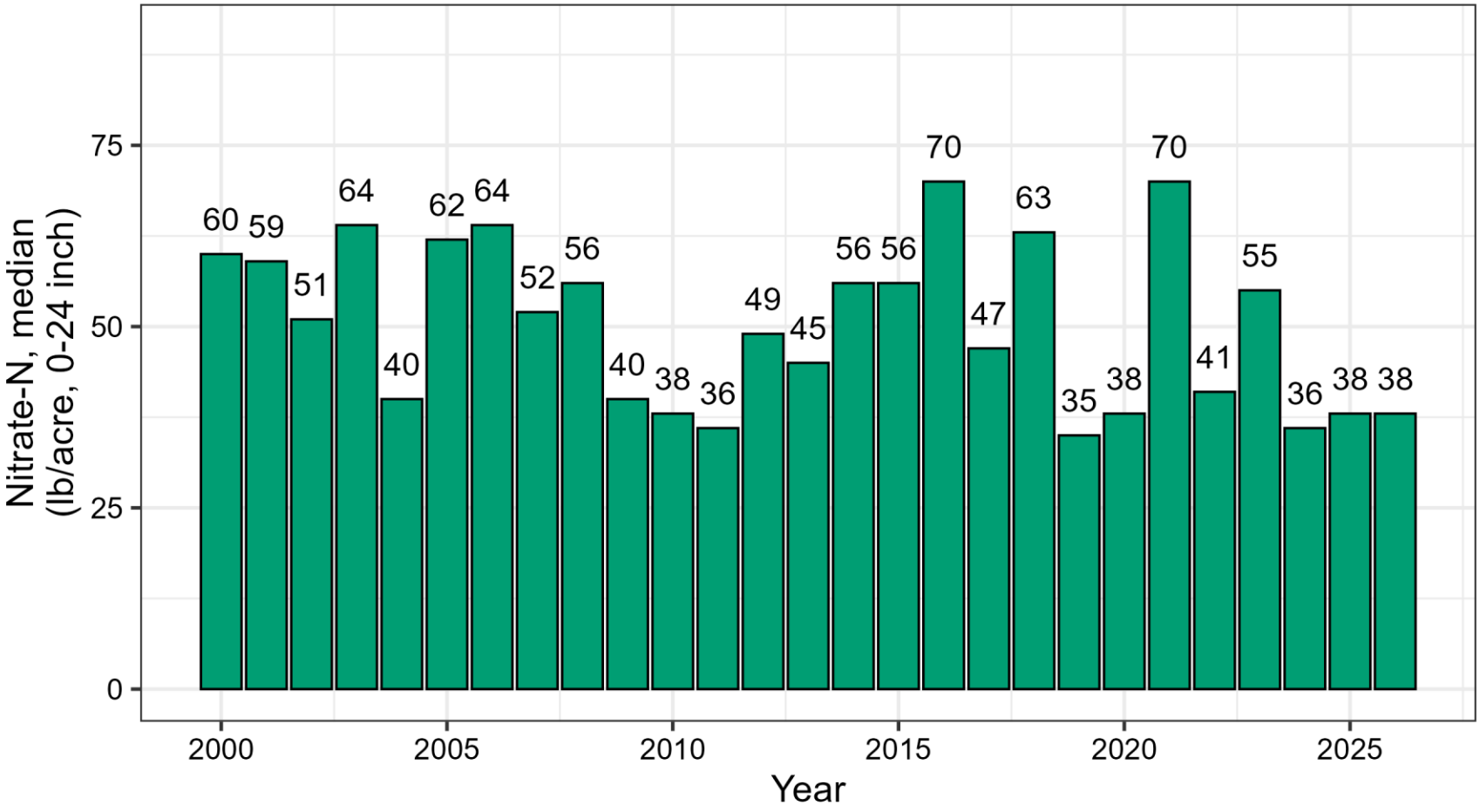
Residual nitrate following pulses in 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

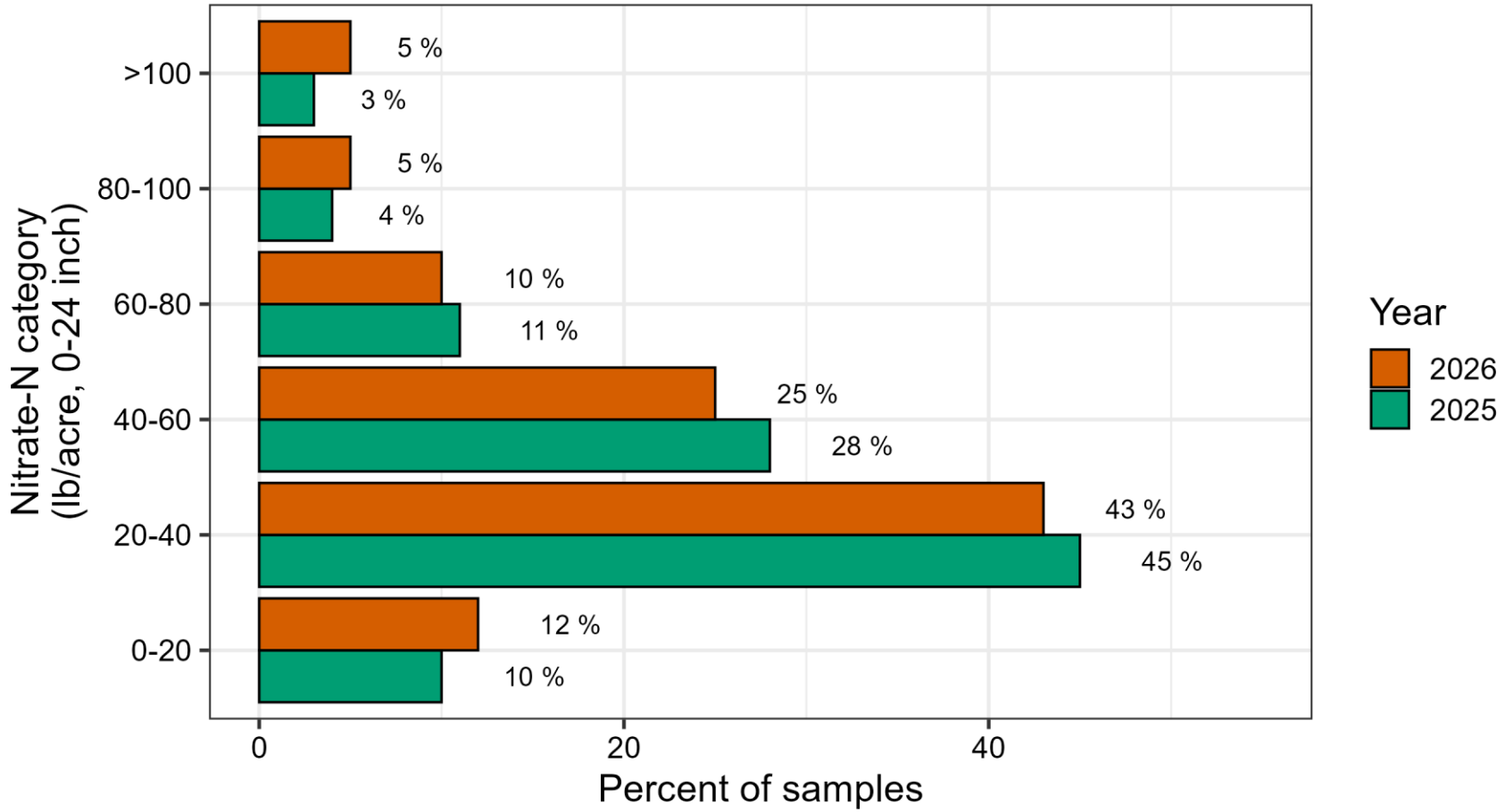
Residual nitrate following dry bean

Trend from 2000 to 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

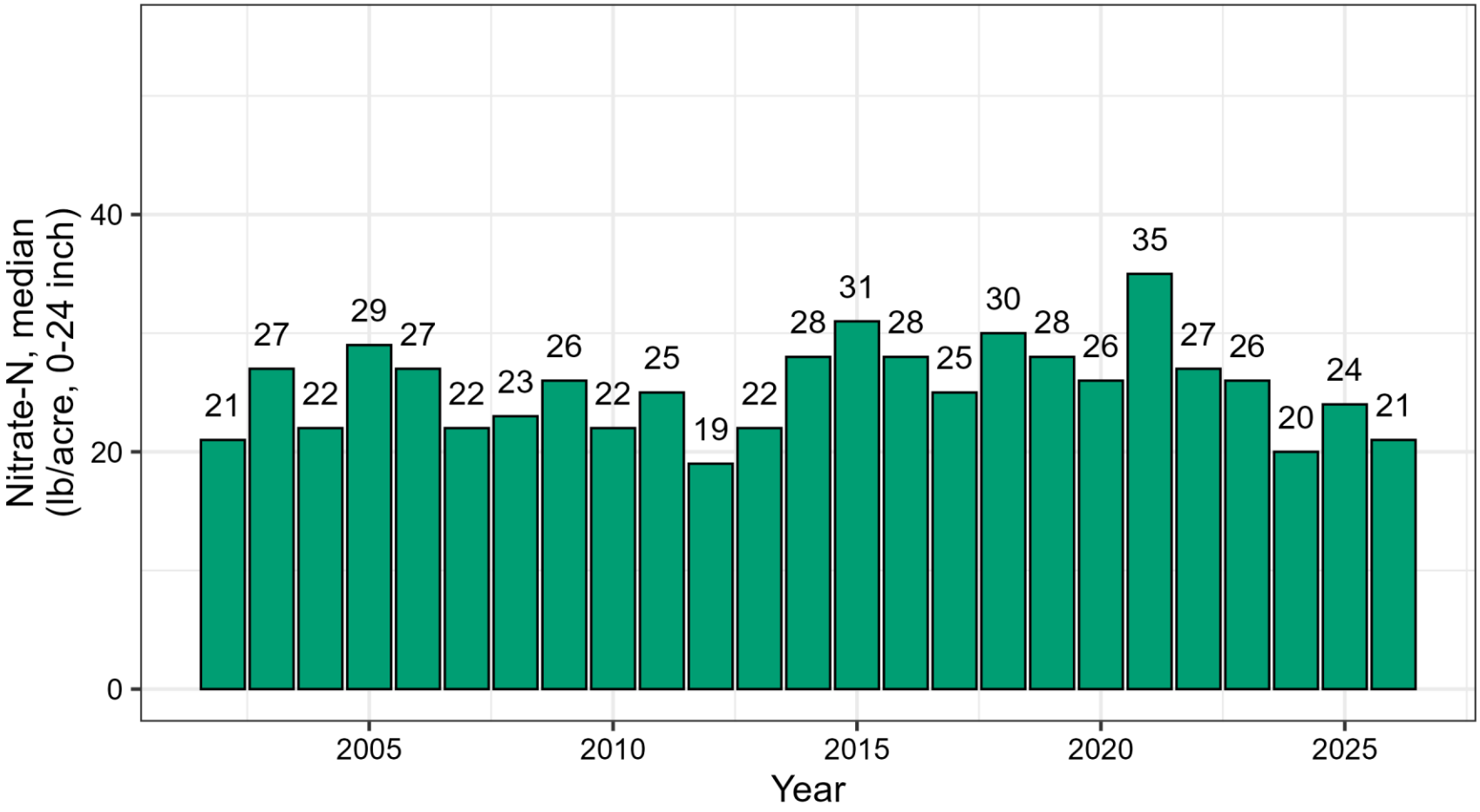
Residual nitrate variability following dry bean in 2025 & 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

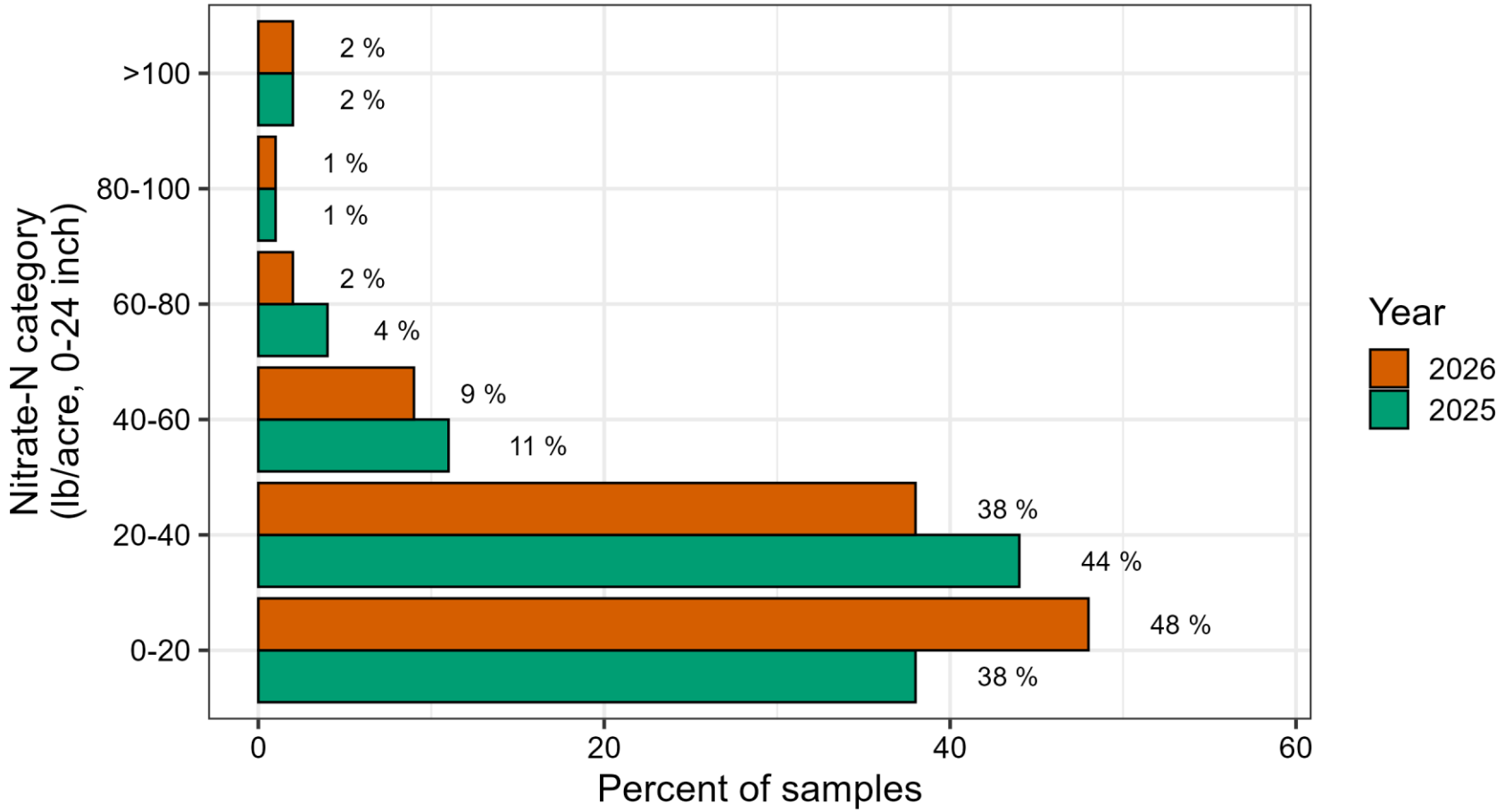
Residual nitrate following soybean

Trend from 2002 to 2026



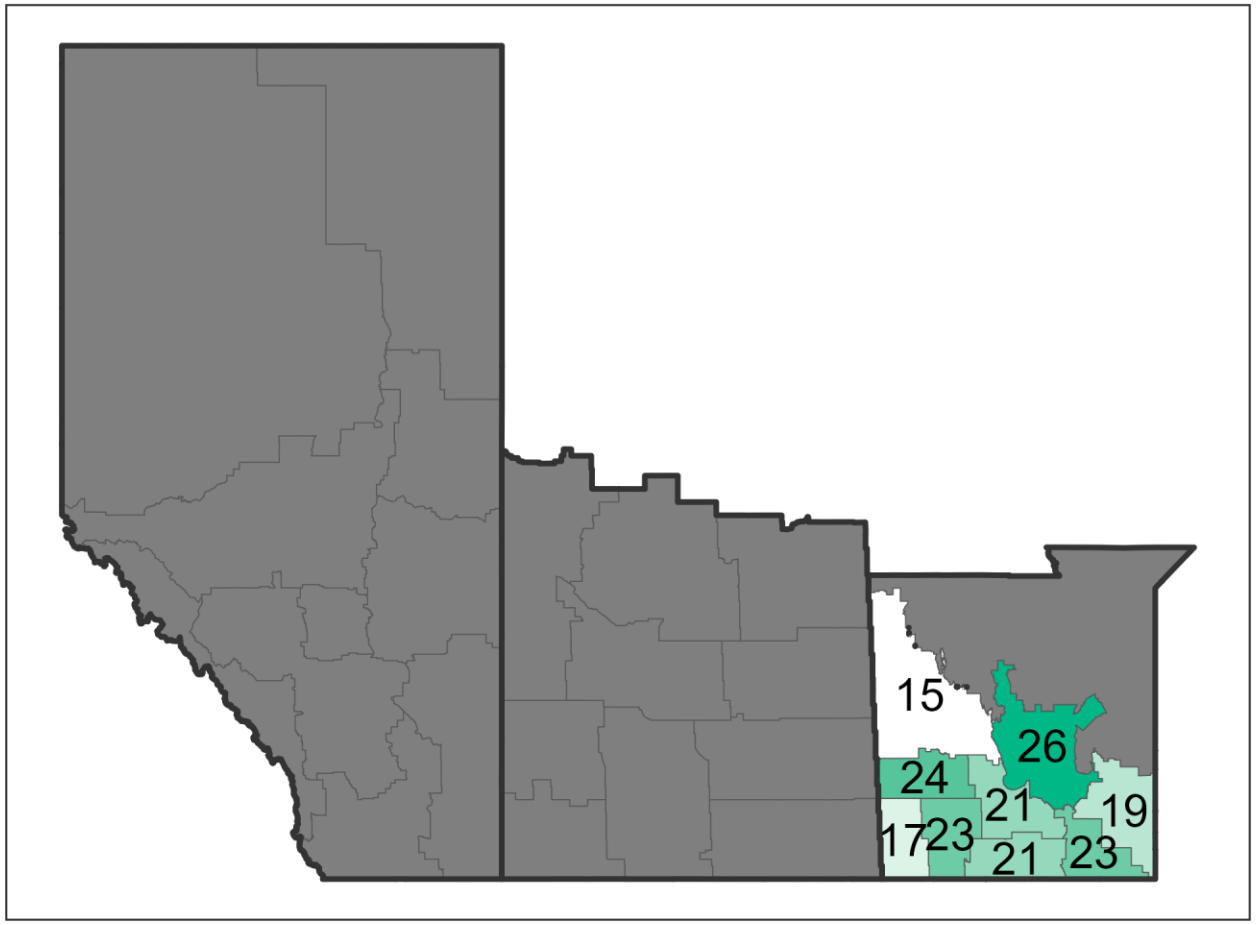
Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate variability following soybean in 2025 & 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate following soybean in 2026



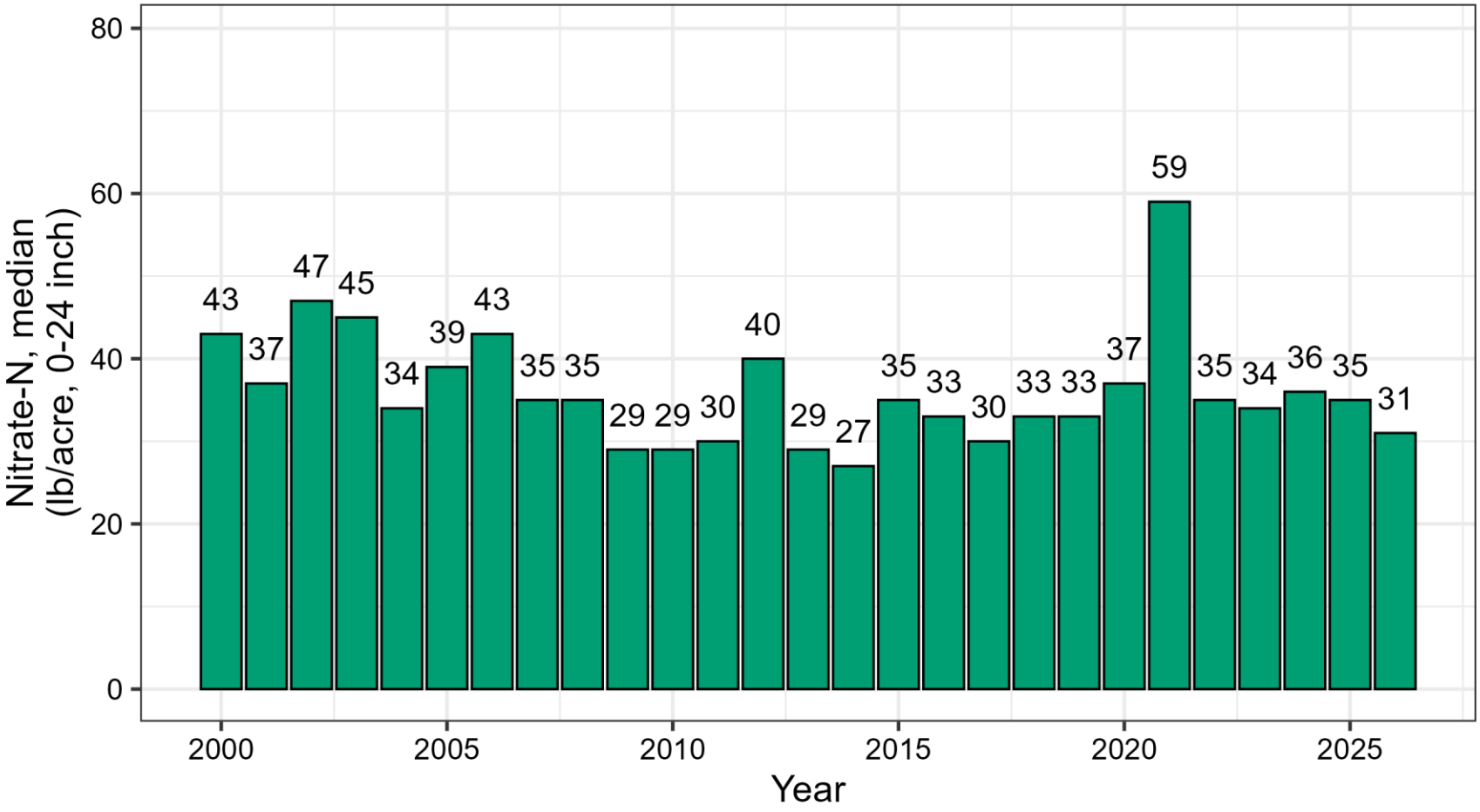
Nitrate-N, median
(lb/acre, 0-24 inch)

25.0
22.5
20.0
17.5
15.0

Data not shown where n< 100
AGVISE Laboratories, Inc.

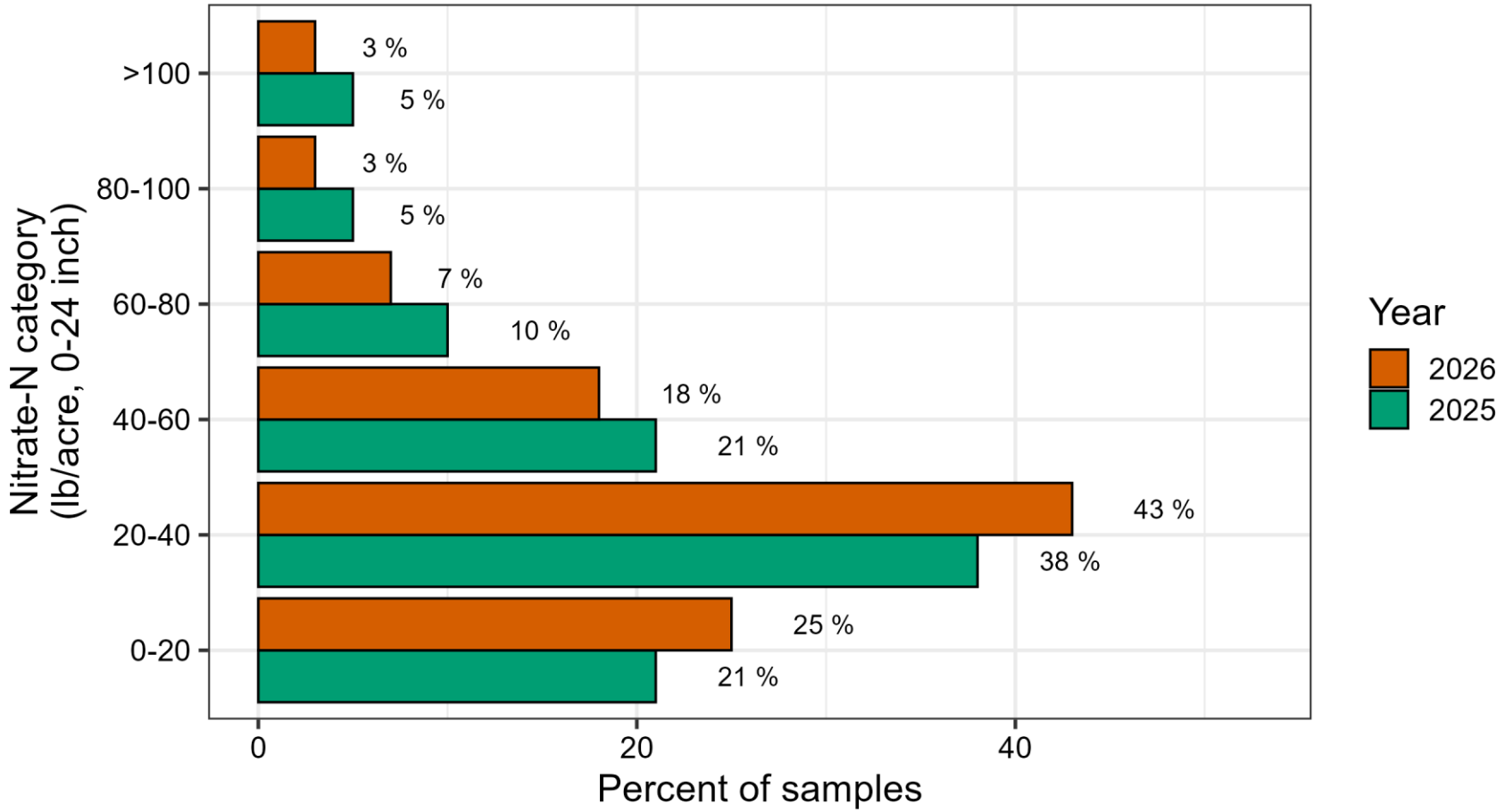
Residual nitrate following canola

Trend from 2000 to 2026



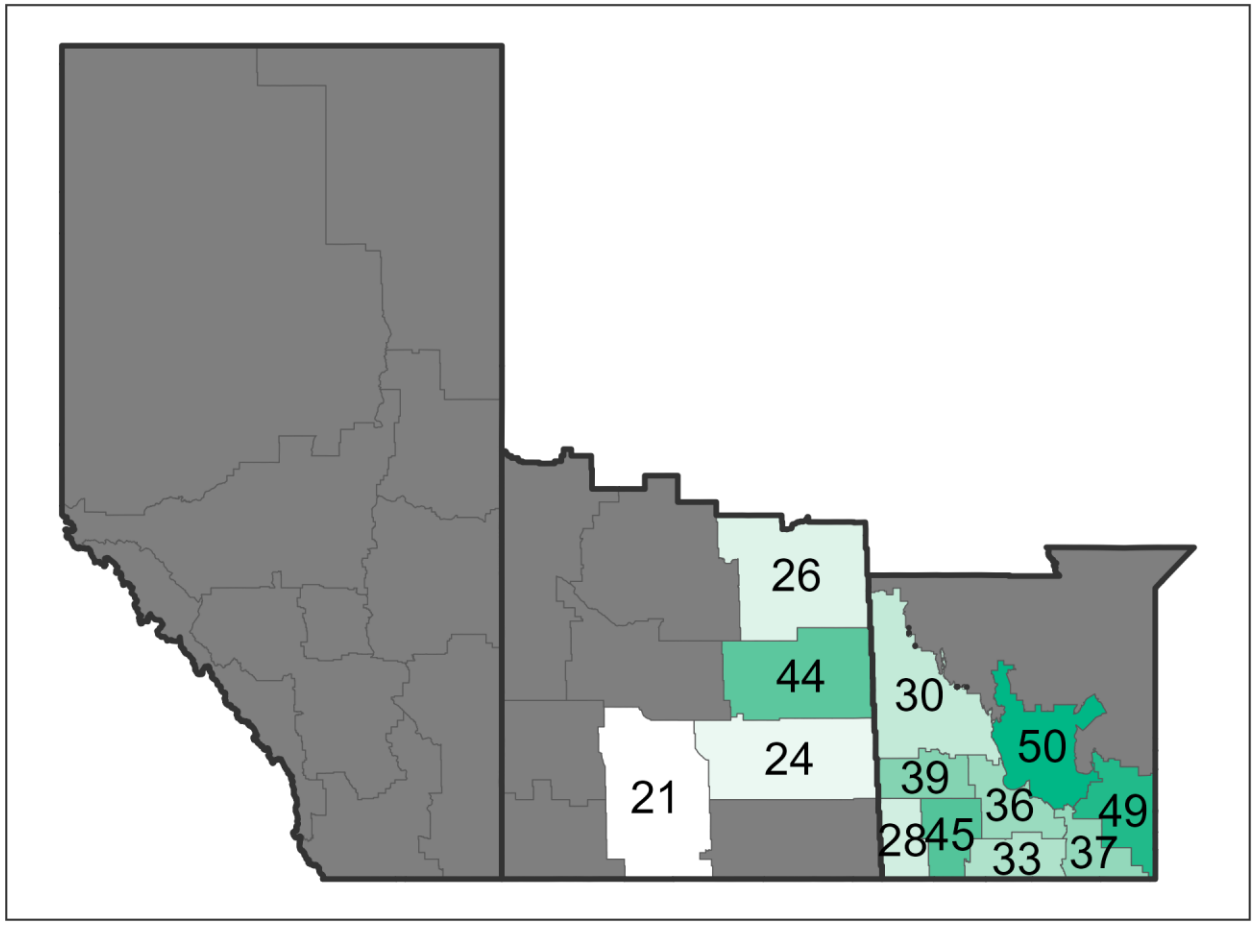
Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate variability following canola in 2025 & 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate following canola in 2026



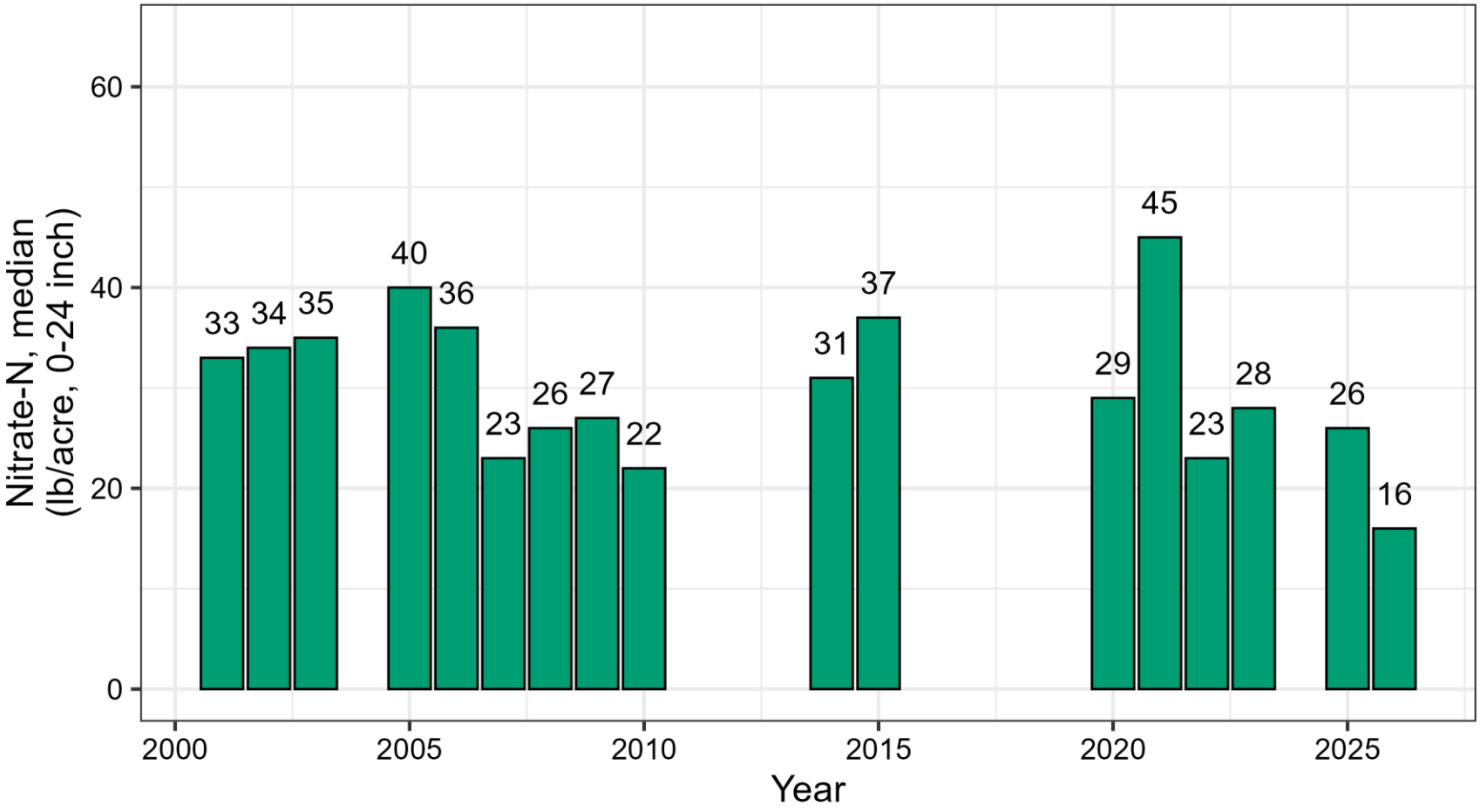
Nitrate-N, median
(lb/acre, 0-24 inch)

50
40
30

Data not shown where n< 100
AGVISE Laboratories, Inc.

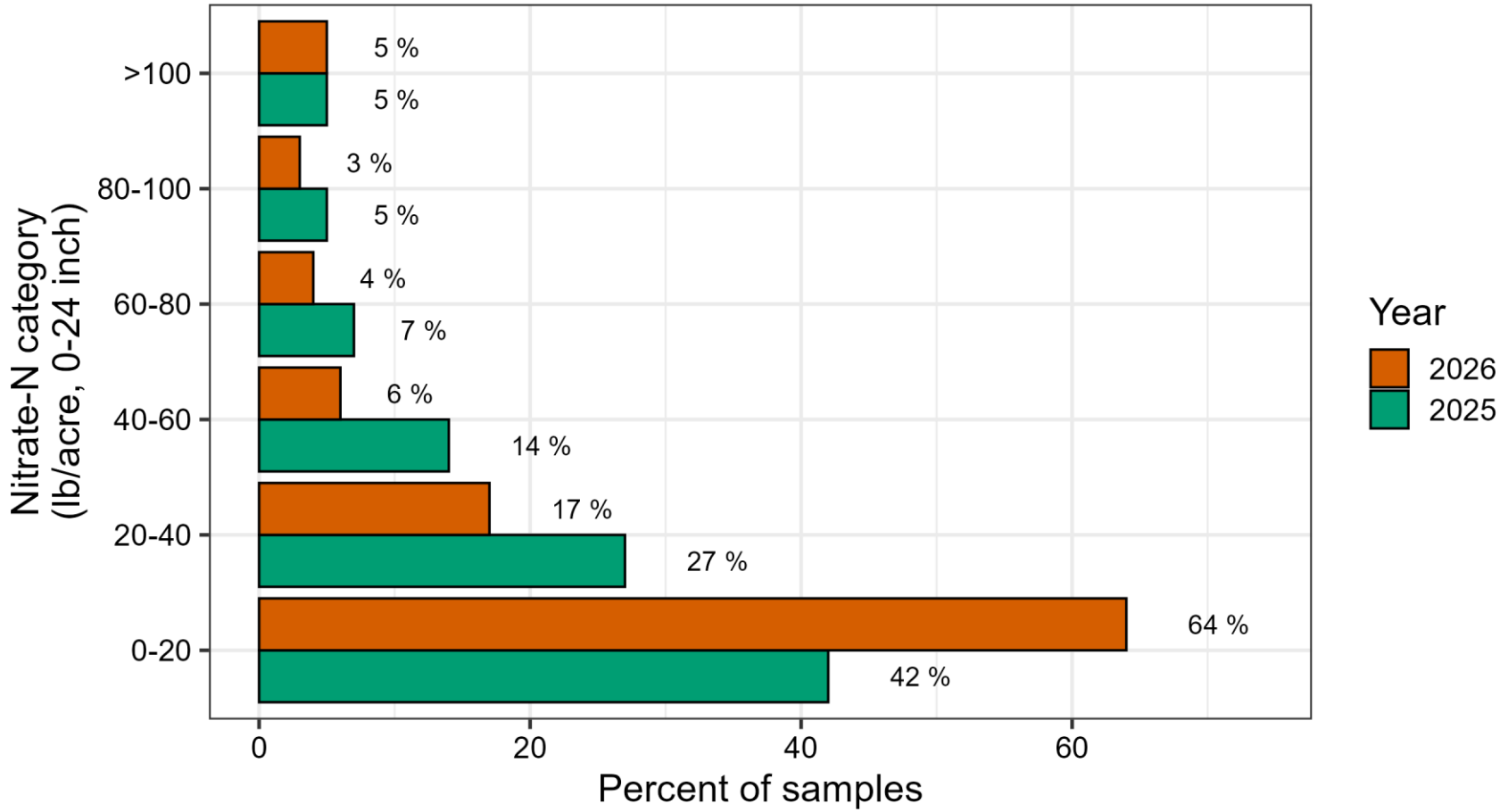
Residual nitrate following sunflower

Trend from 2001 to 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

Residual nitrate variability following sunflower in 2025 & 2026



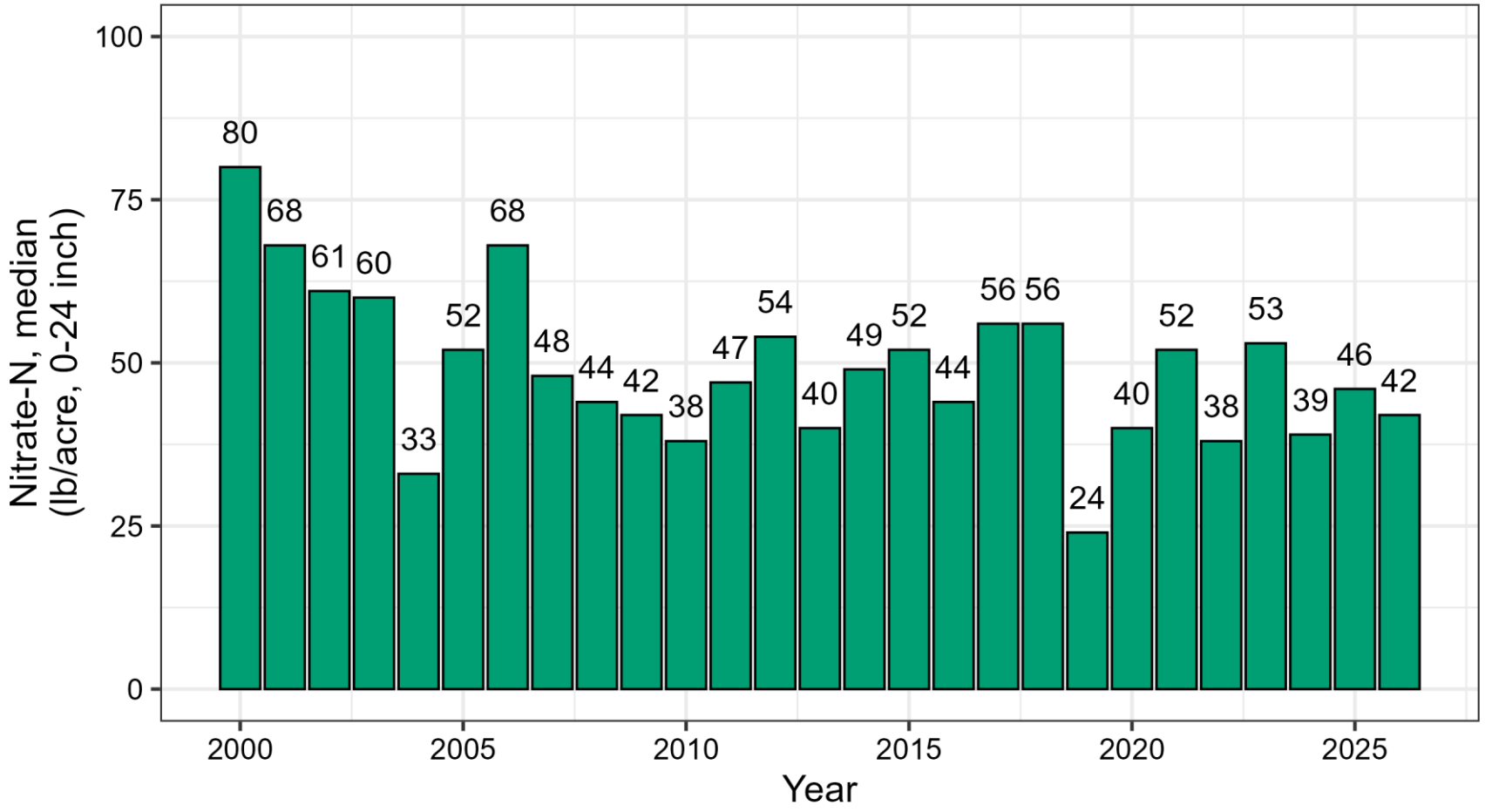
Data not shown where n< 100
AGVISE Laboratories, Inc.

Root and tuber crops

Potato, sugar beet

Residual nitrate following potato

Trend from 2000 to 2026



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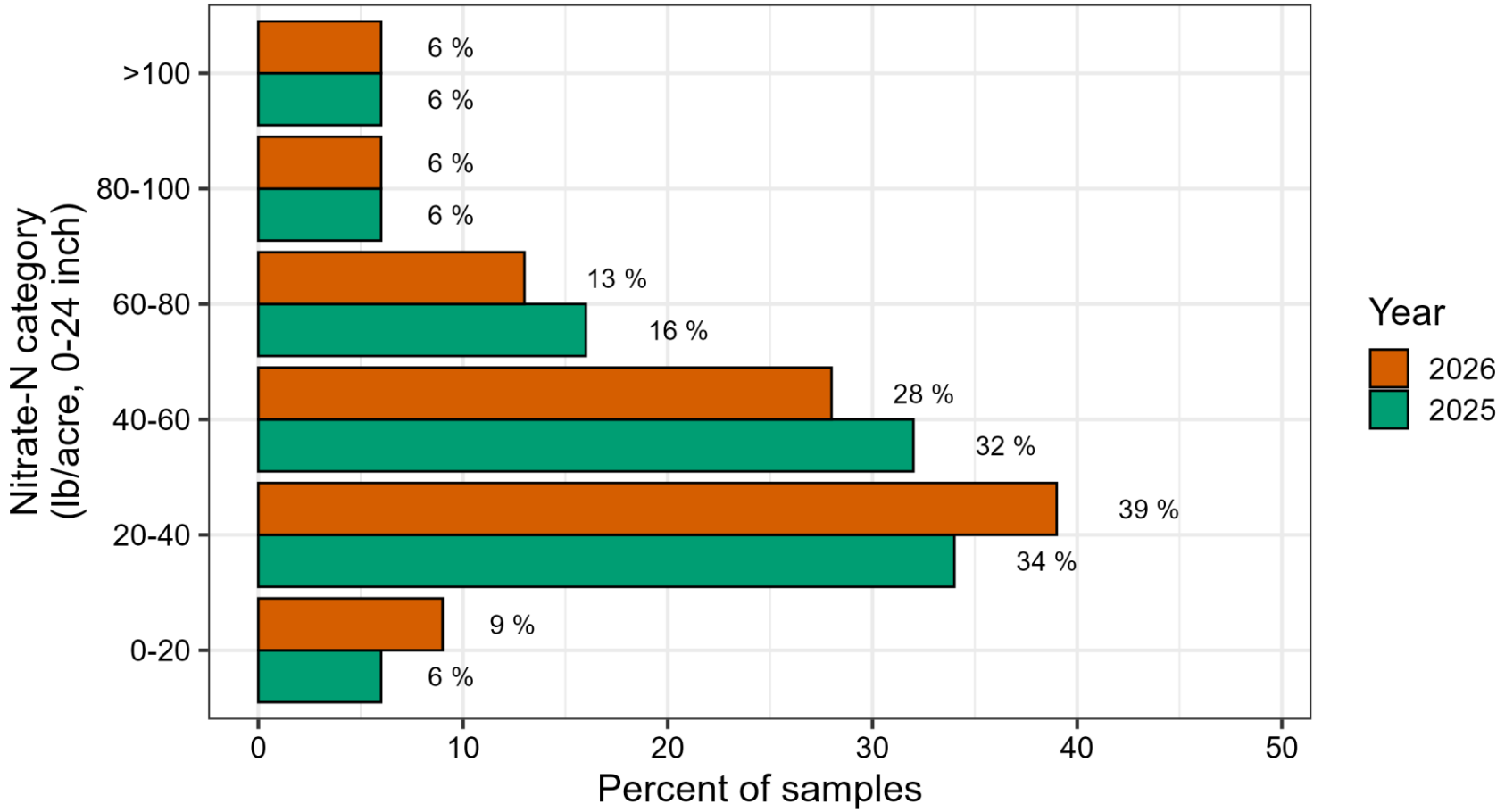
AGVISE Laboratories, Inc.

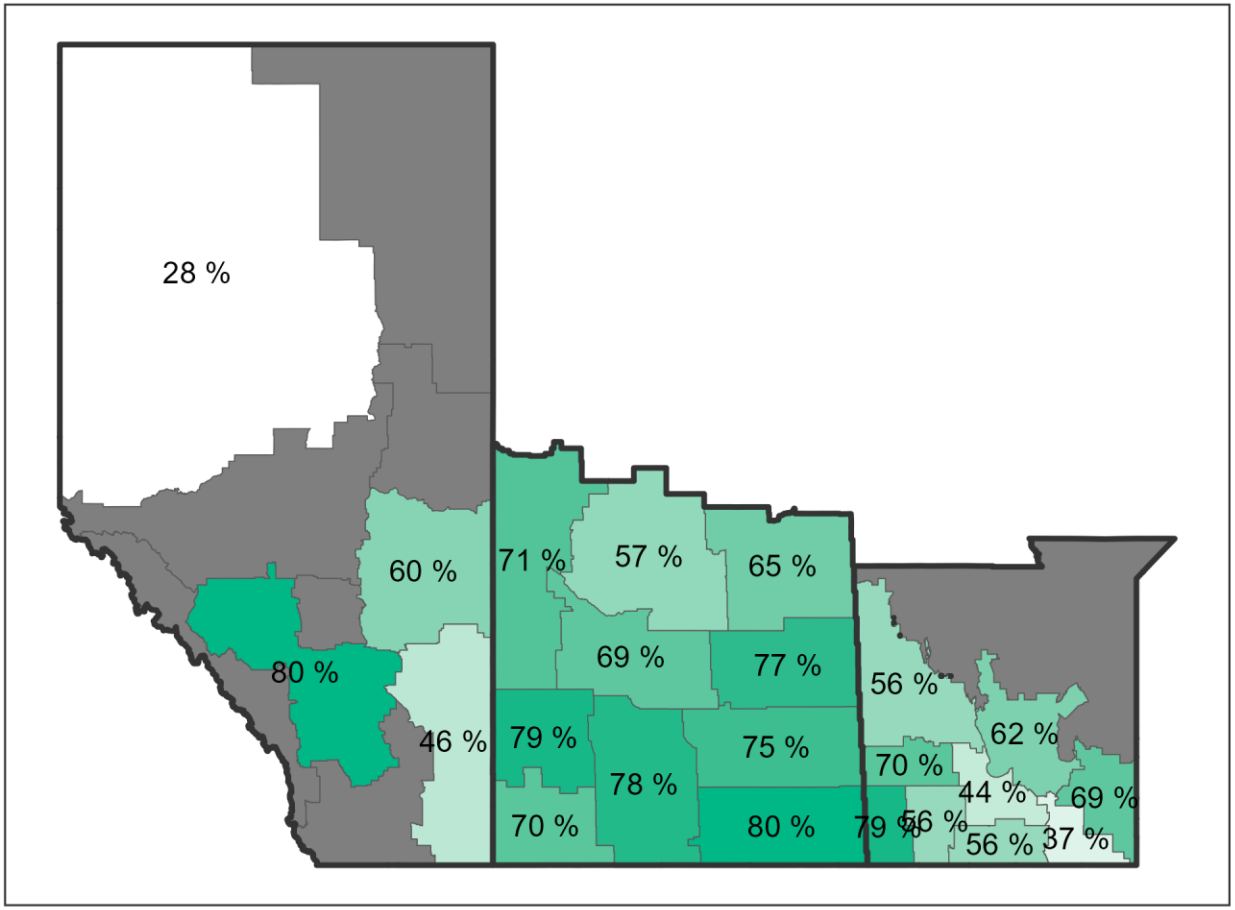
Residual nitrate variability following potato in 2025 & 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

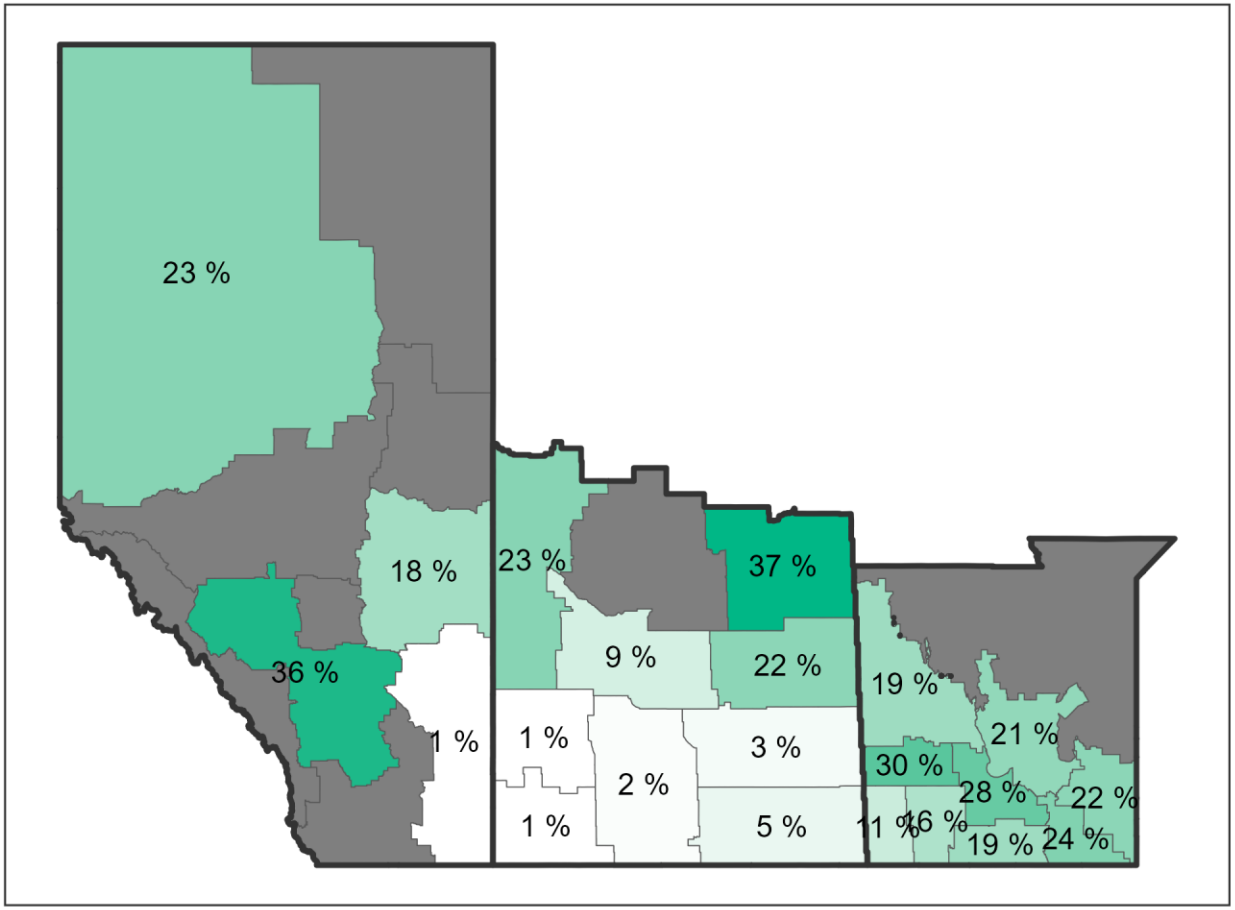
Soil nutrients and properties

Soil samples with soil test phosphorus below 15 ppm (Olsen P) in 2026



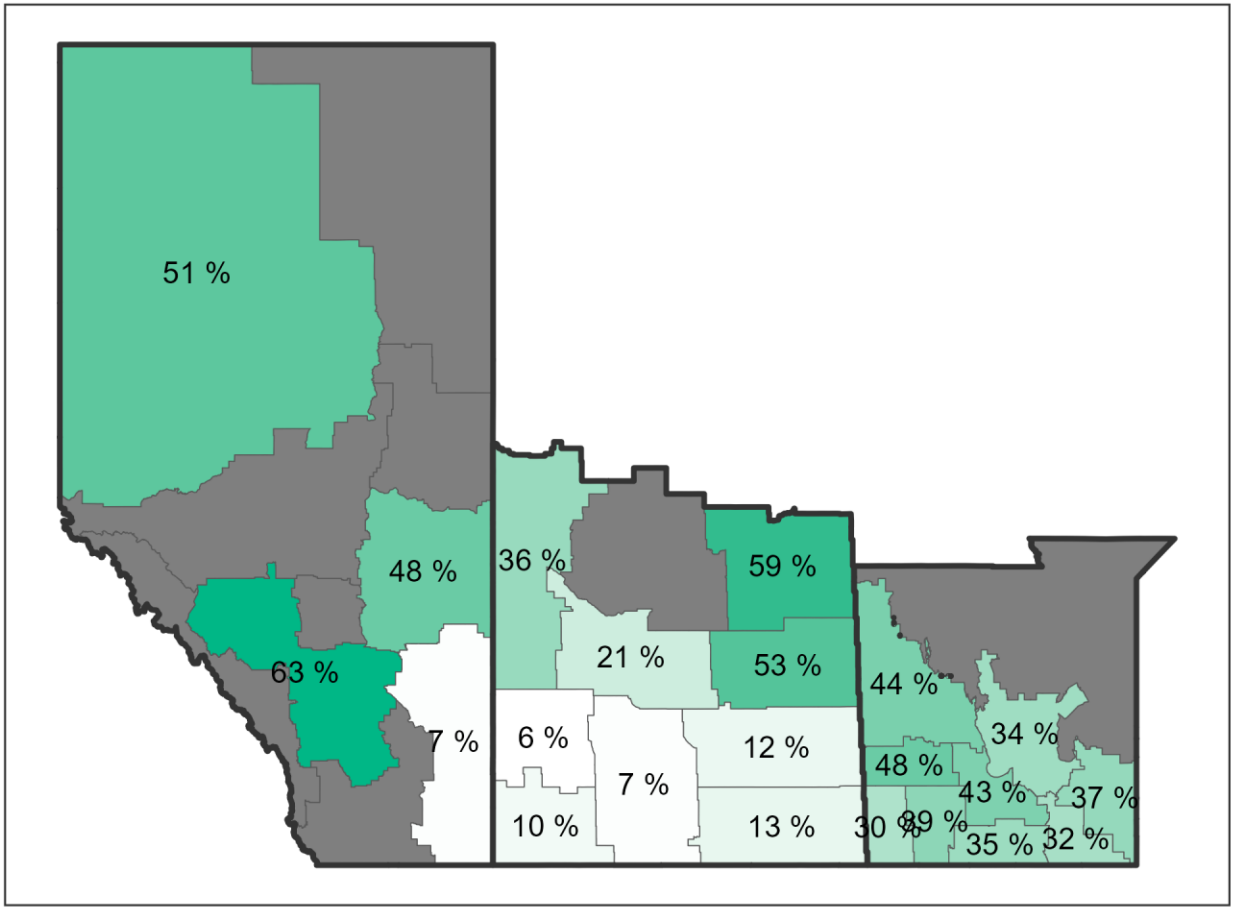
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil test potassium below 150 ppm in 2026



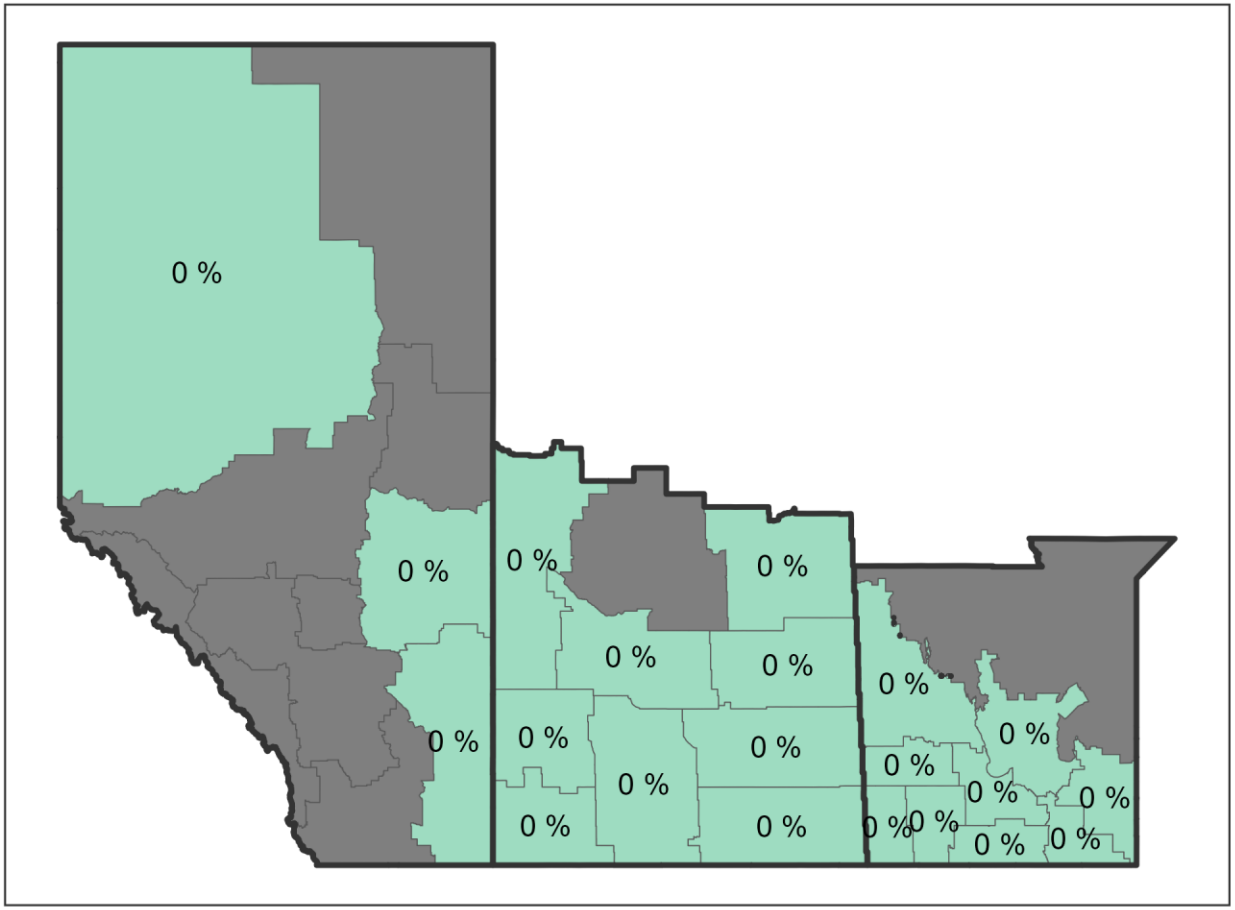
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil test potassium below 200 ppm in 2026

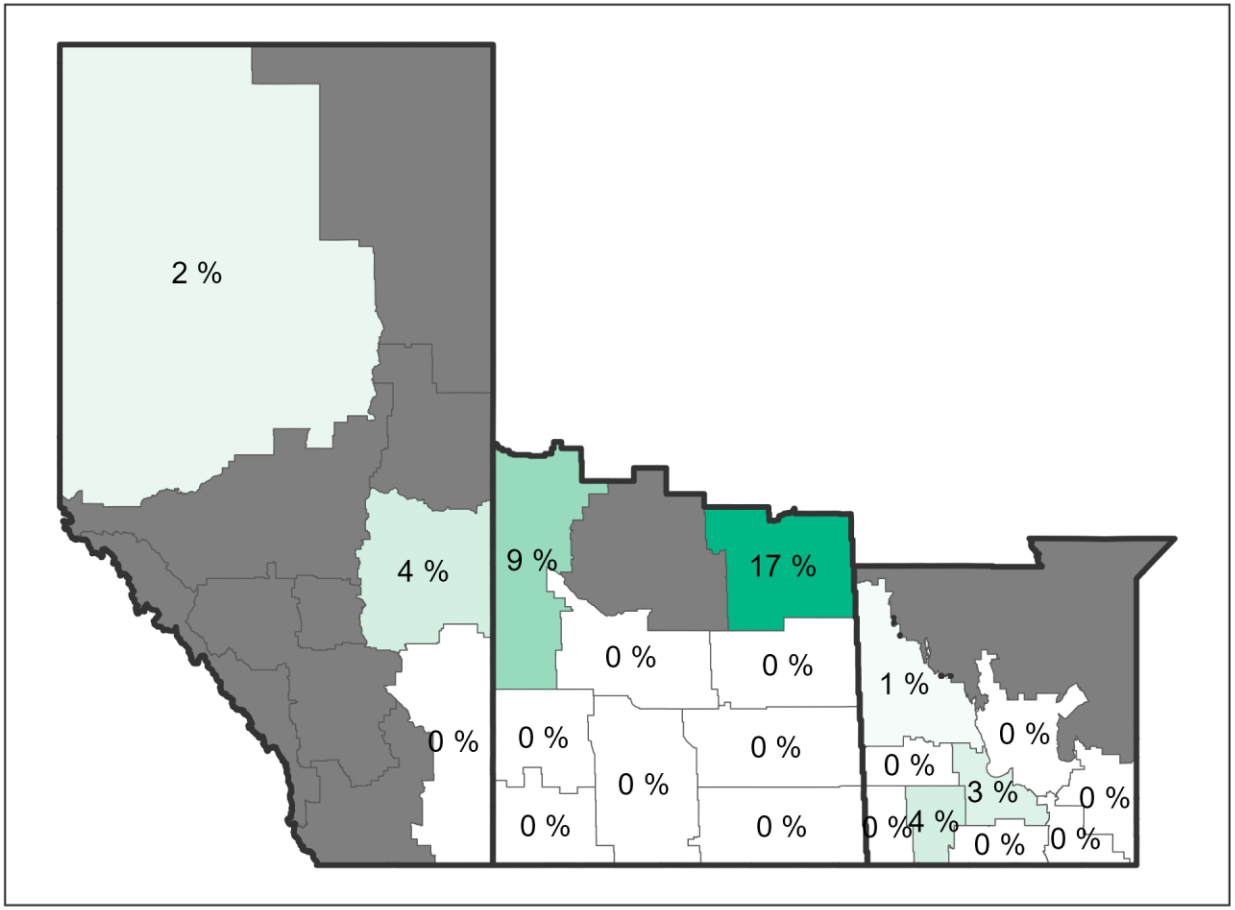


Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil test calcium below 500 ppm in 2026

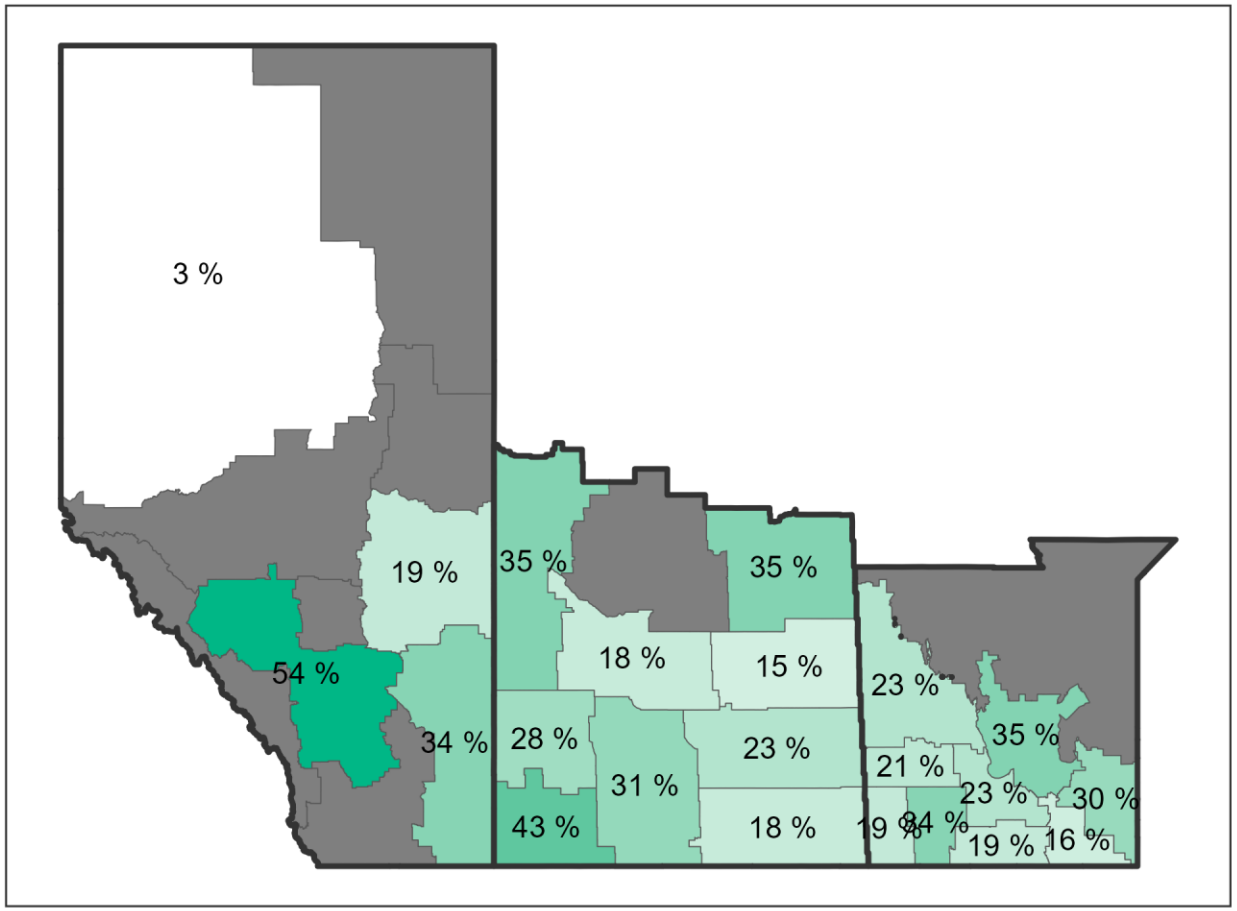

0 %
0 %
0 %

Soil samples with soil test magnesium below 150 ppm in 2026



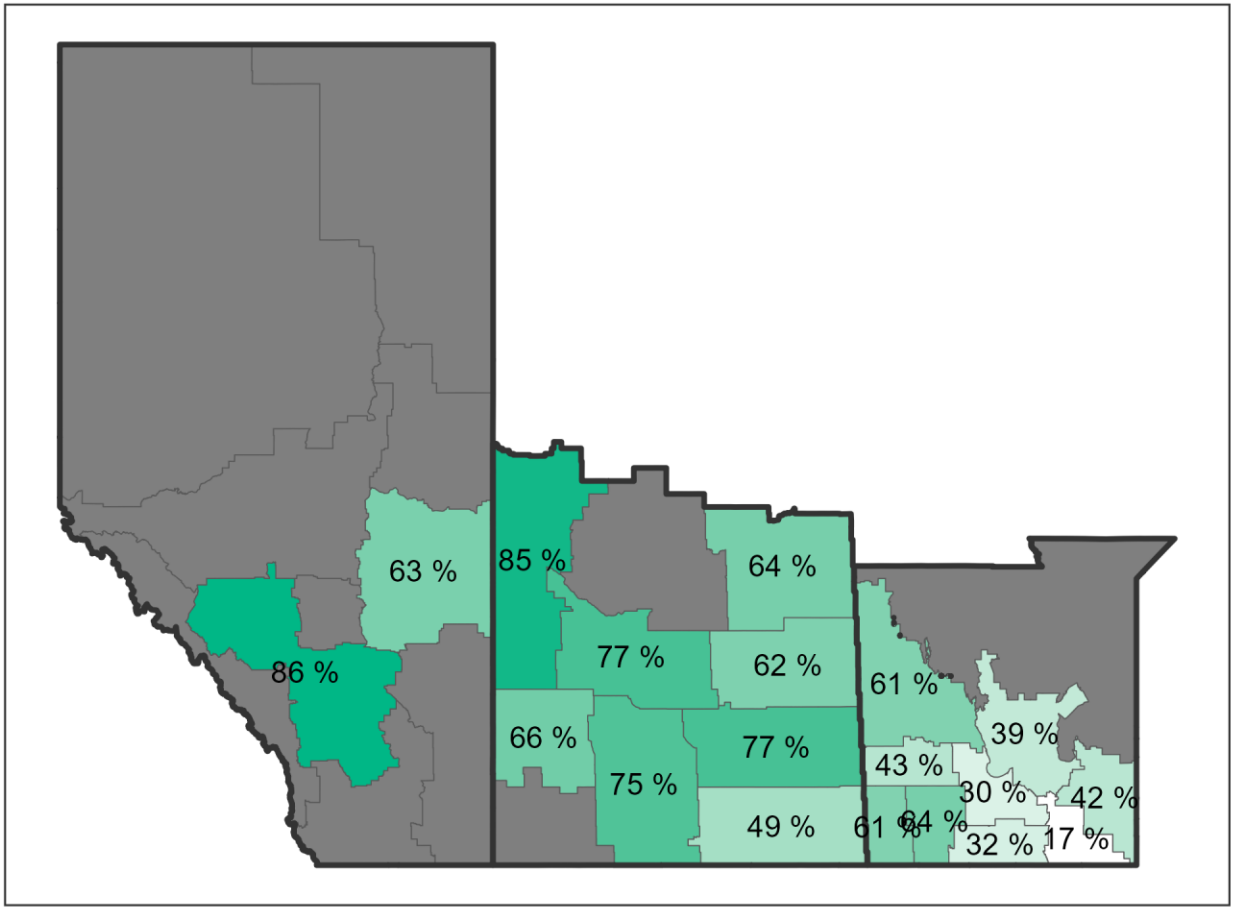
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil test sulfur below 15 lb/acre in 2026



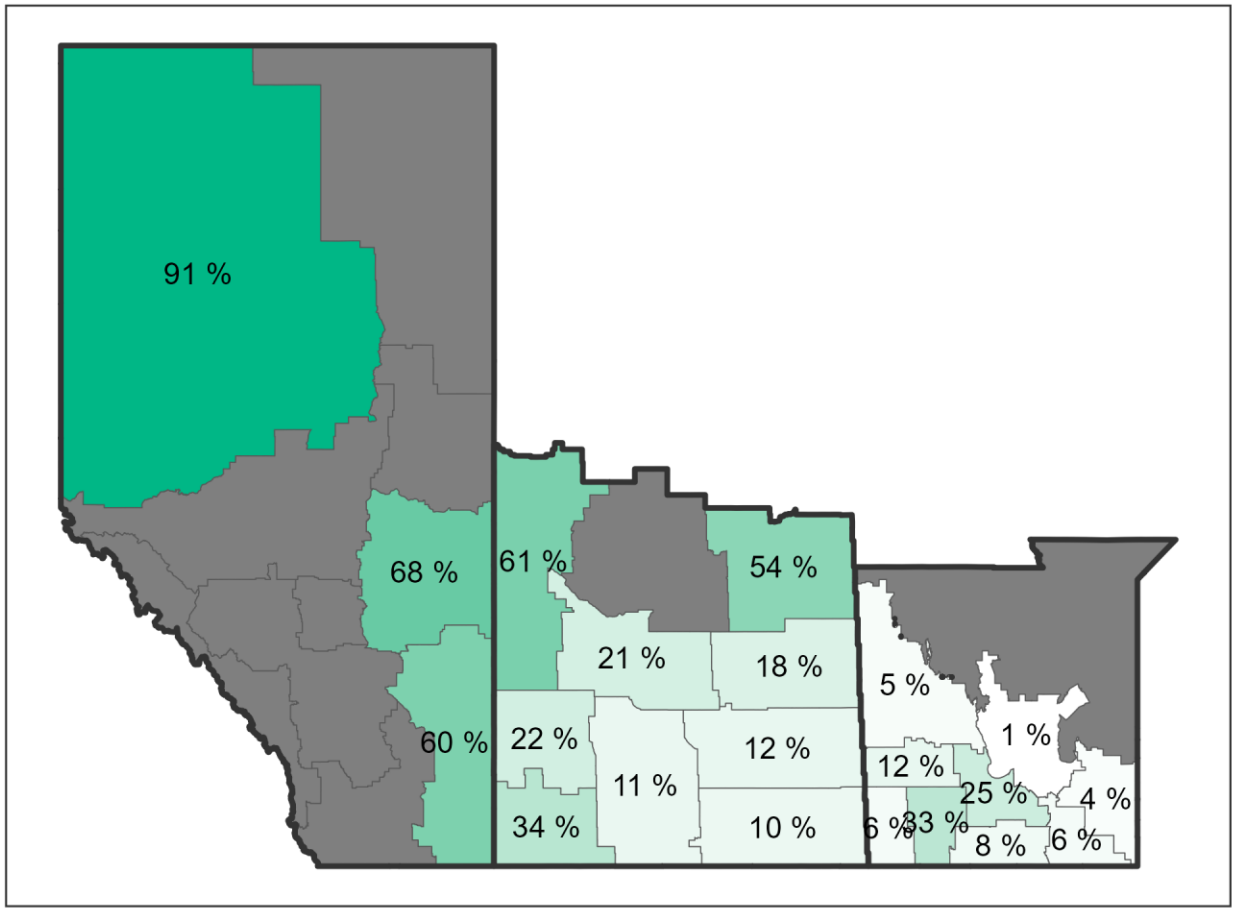
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil test chloride below 40 lb/acre in 2026



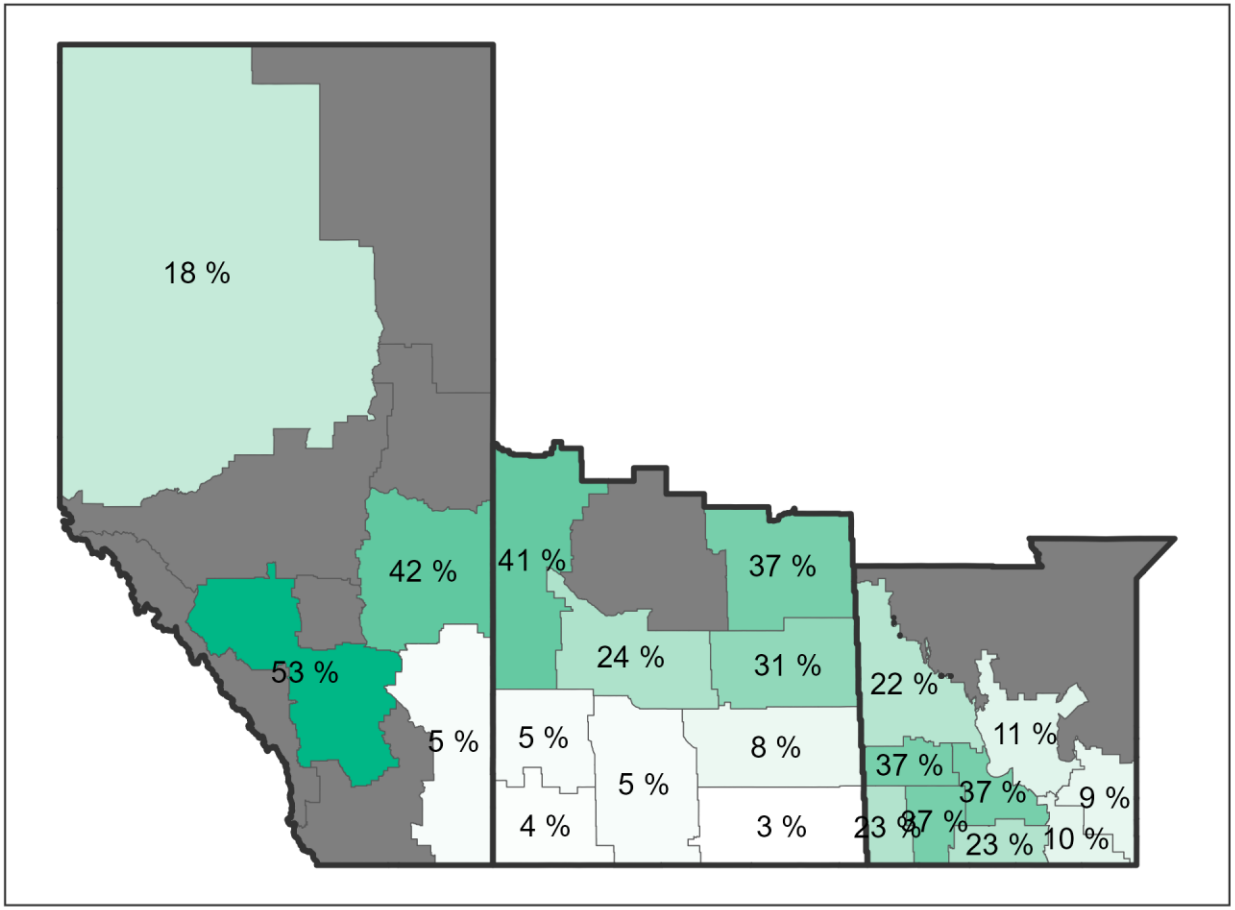
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil test boron below 0.4 ppm in 2026



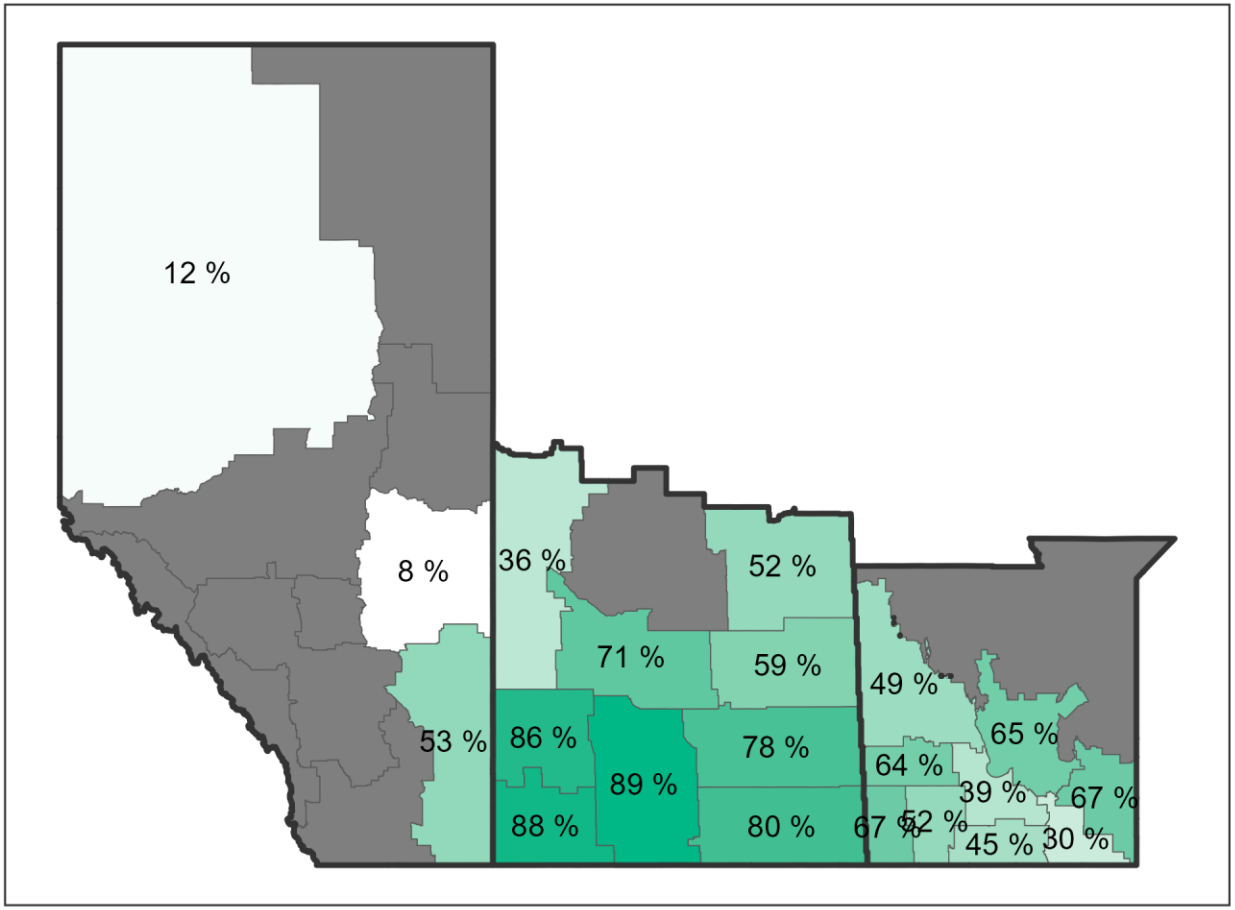
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil test copper below 0.5 ppm in 2026



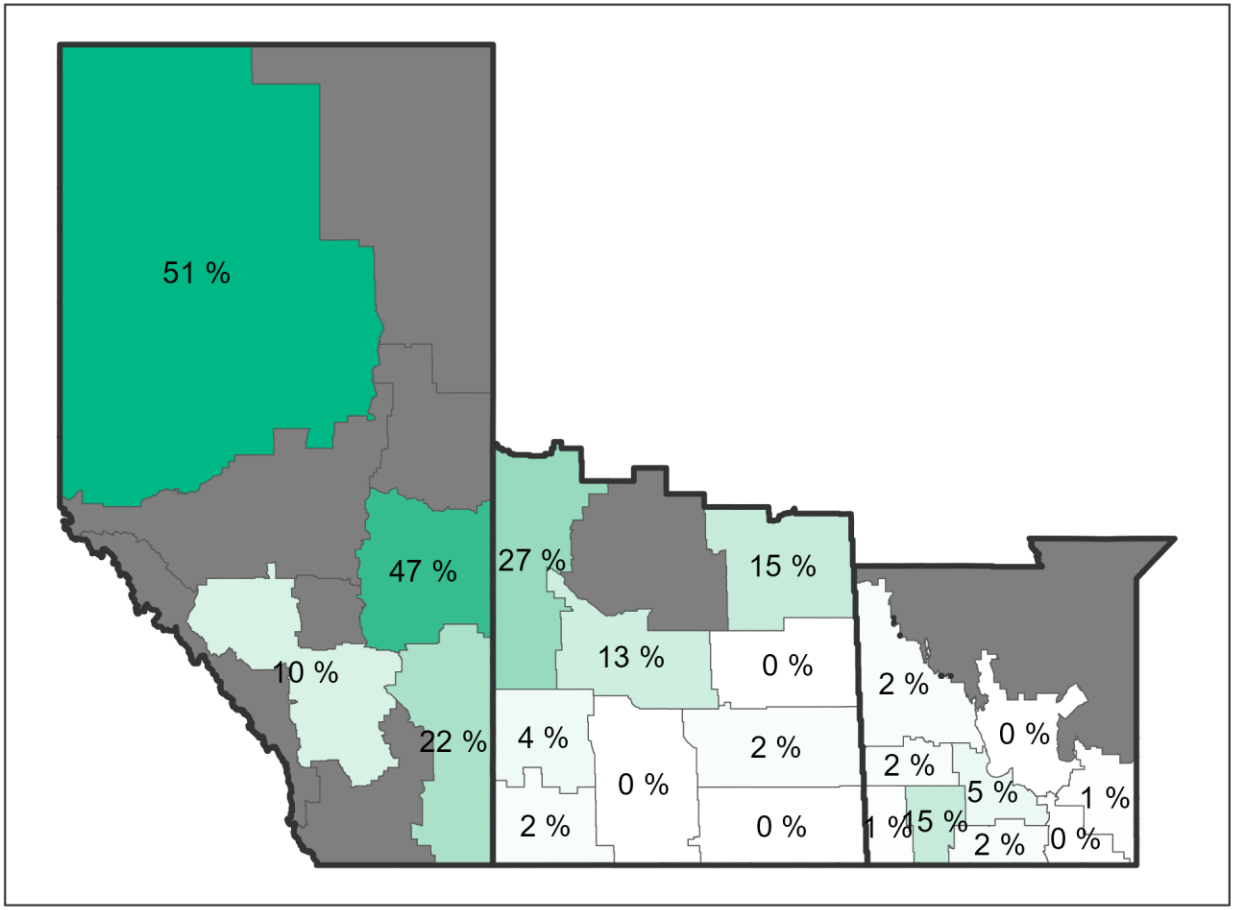
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil test zinc below 1.0 ppm in 2026



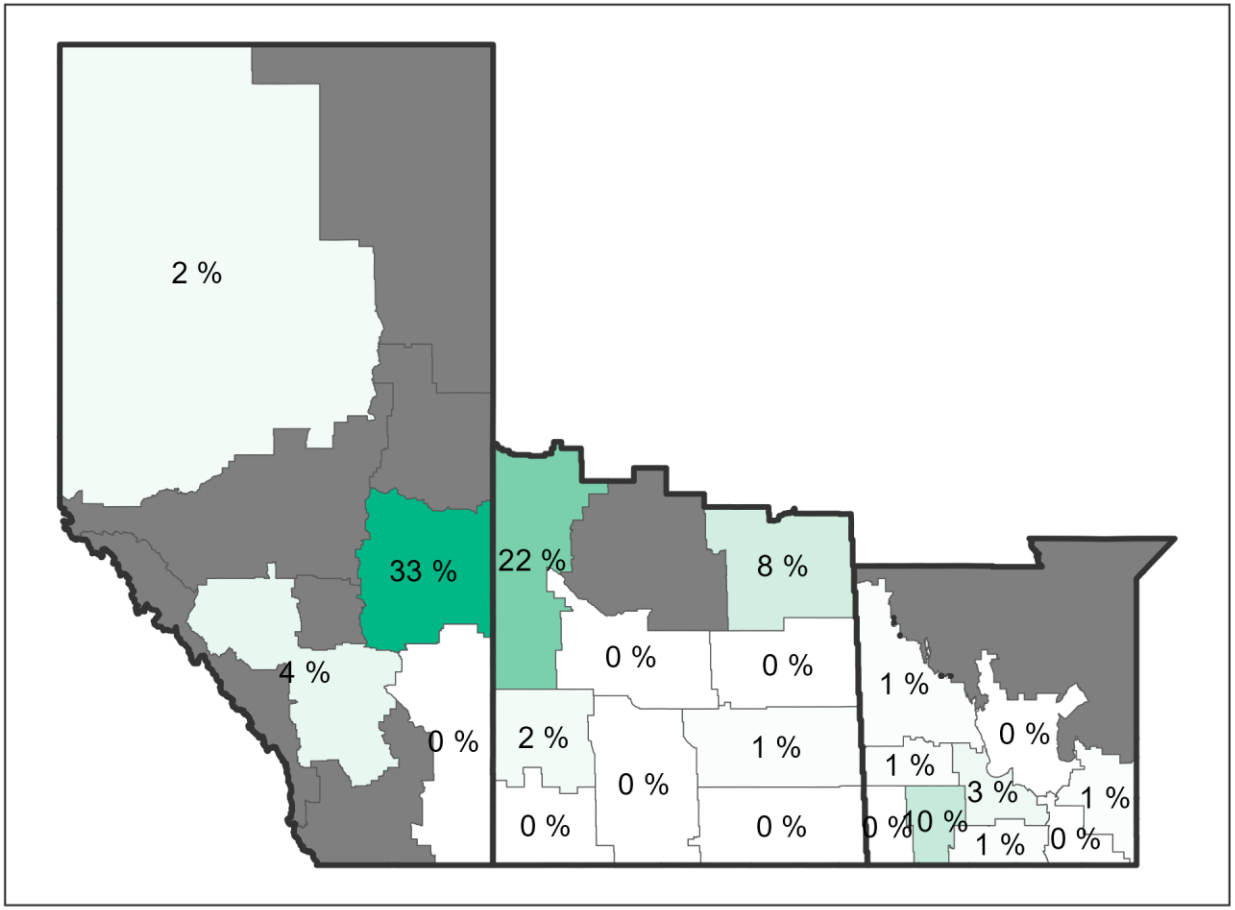
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil pH below 6.0 in 2026



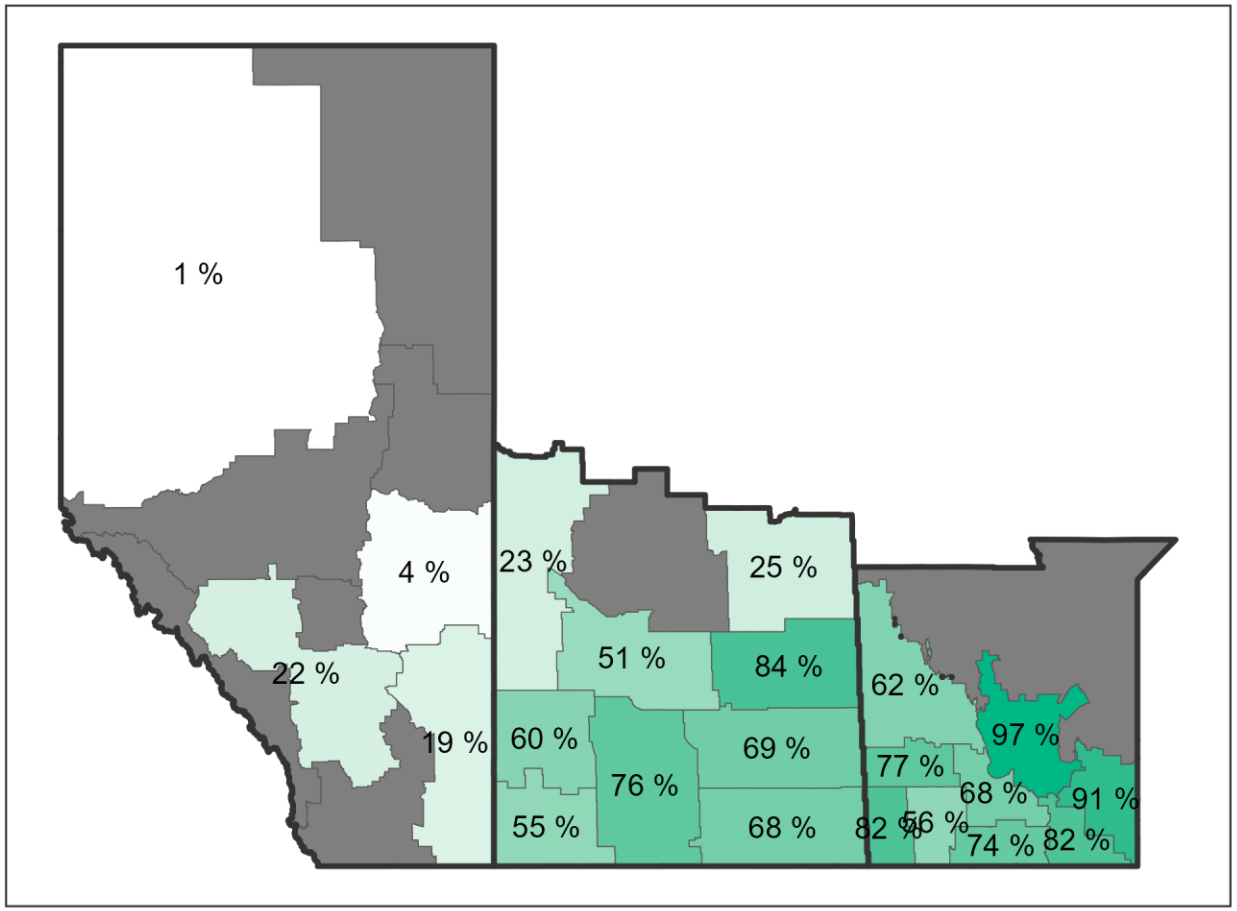
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with subsoil pH below 7.0 in 2026



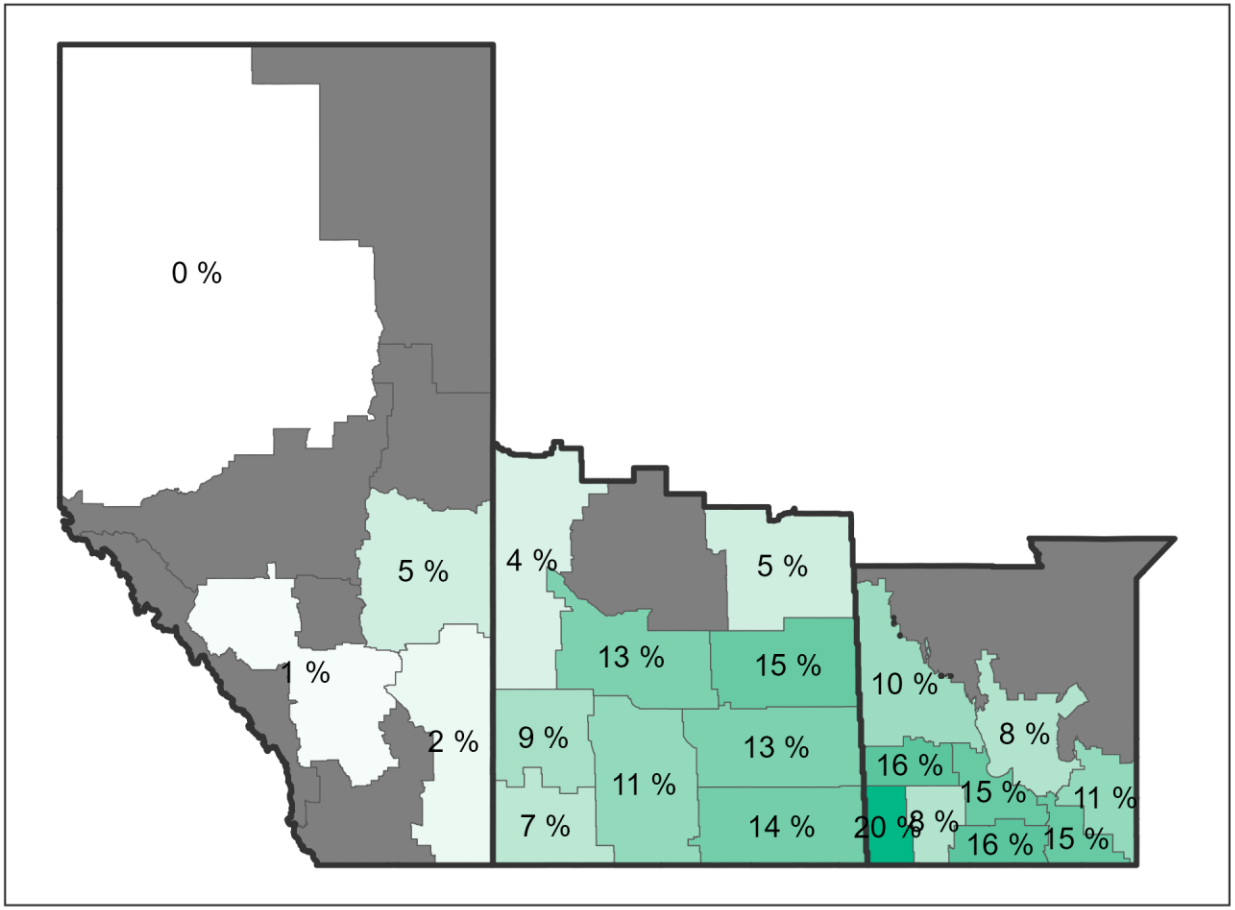
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with soil pH above 7.3 in 2026



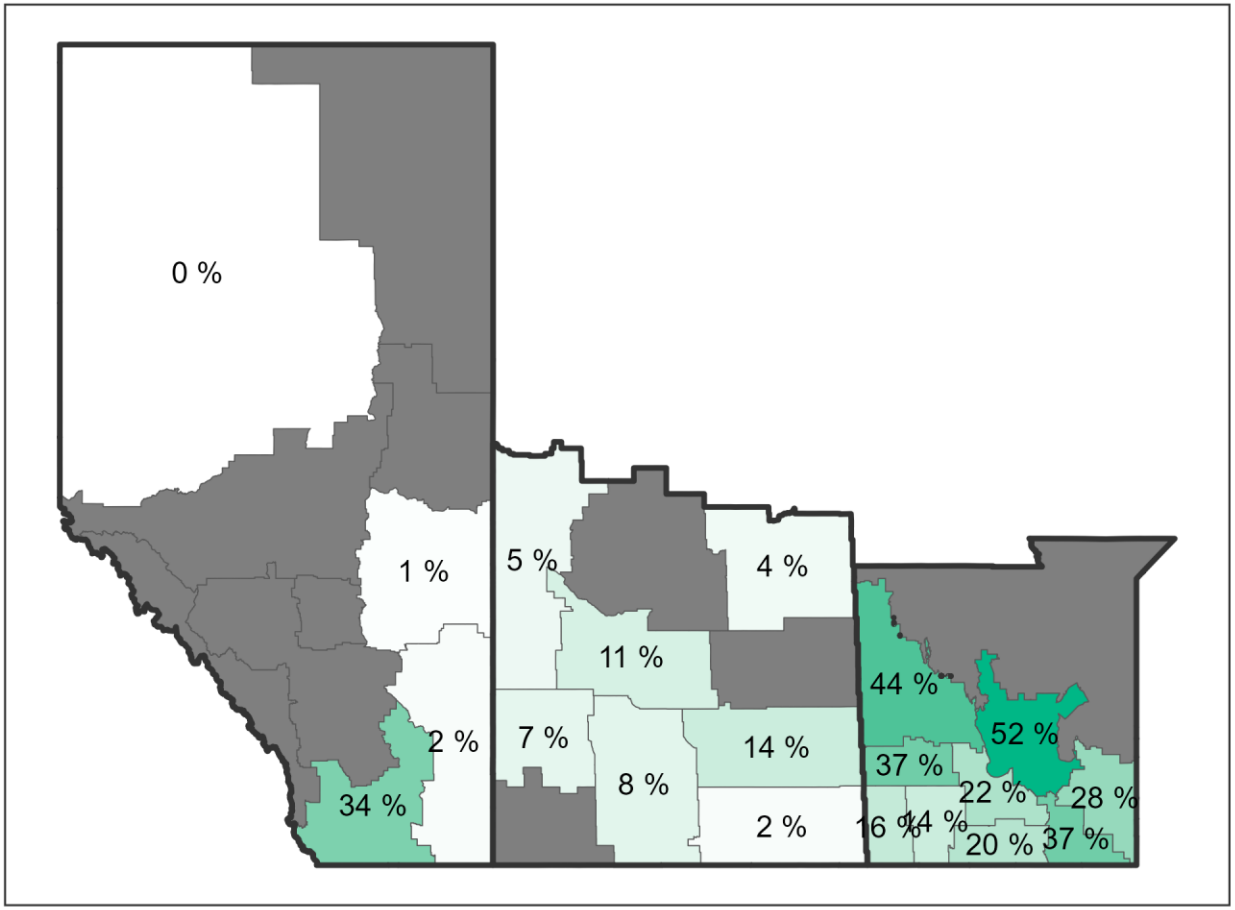
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with salinity above 1.0 dS/m (1:1) in 2026



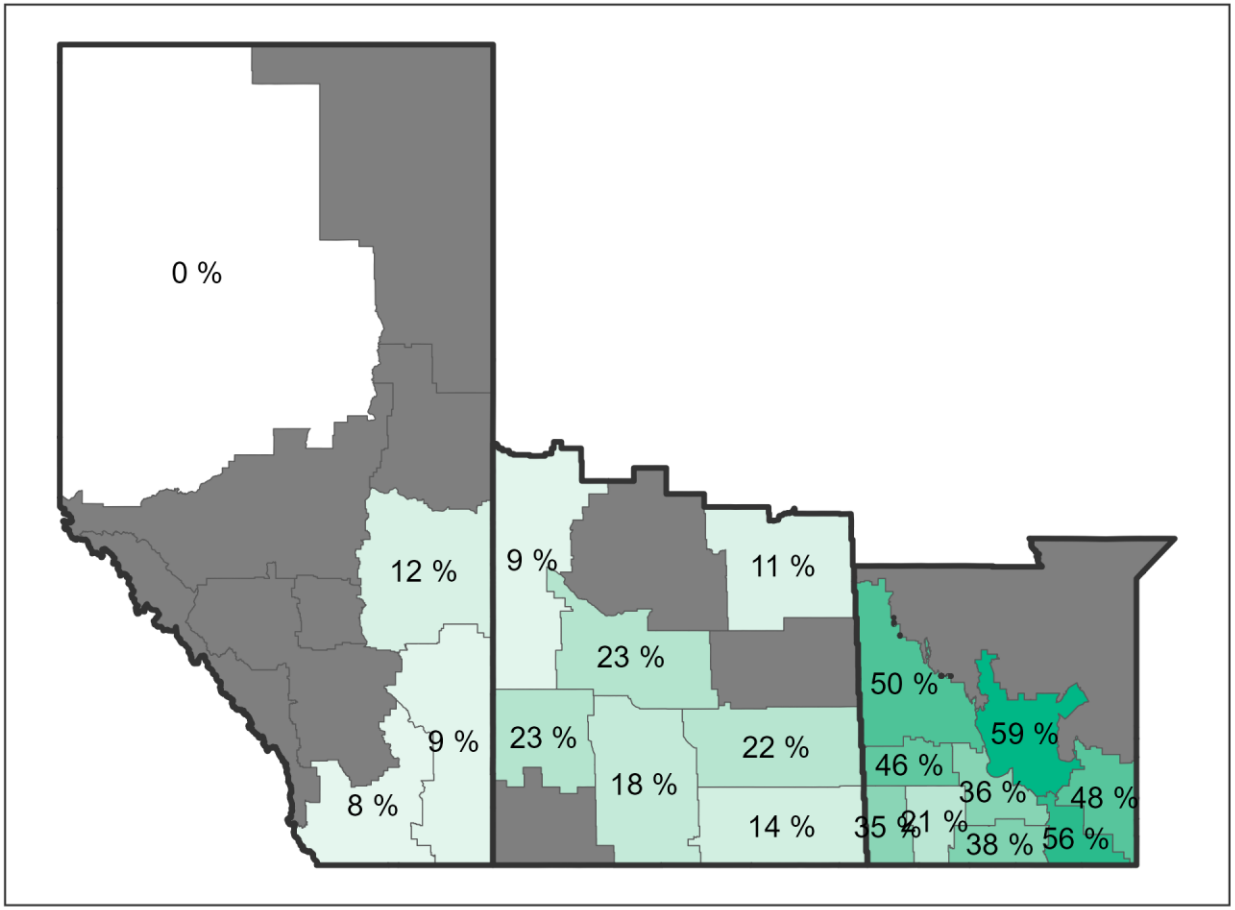
Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with calcium carbonate above 5.0 % CCE in 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

Soil samples with high soybean iron deficiency chlorosis risk in 2026



Data not shown where n< 100
AGVISE Laboratories, Inc.

Postal code areas for soil test summary

