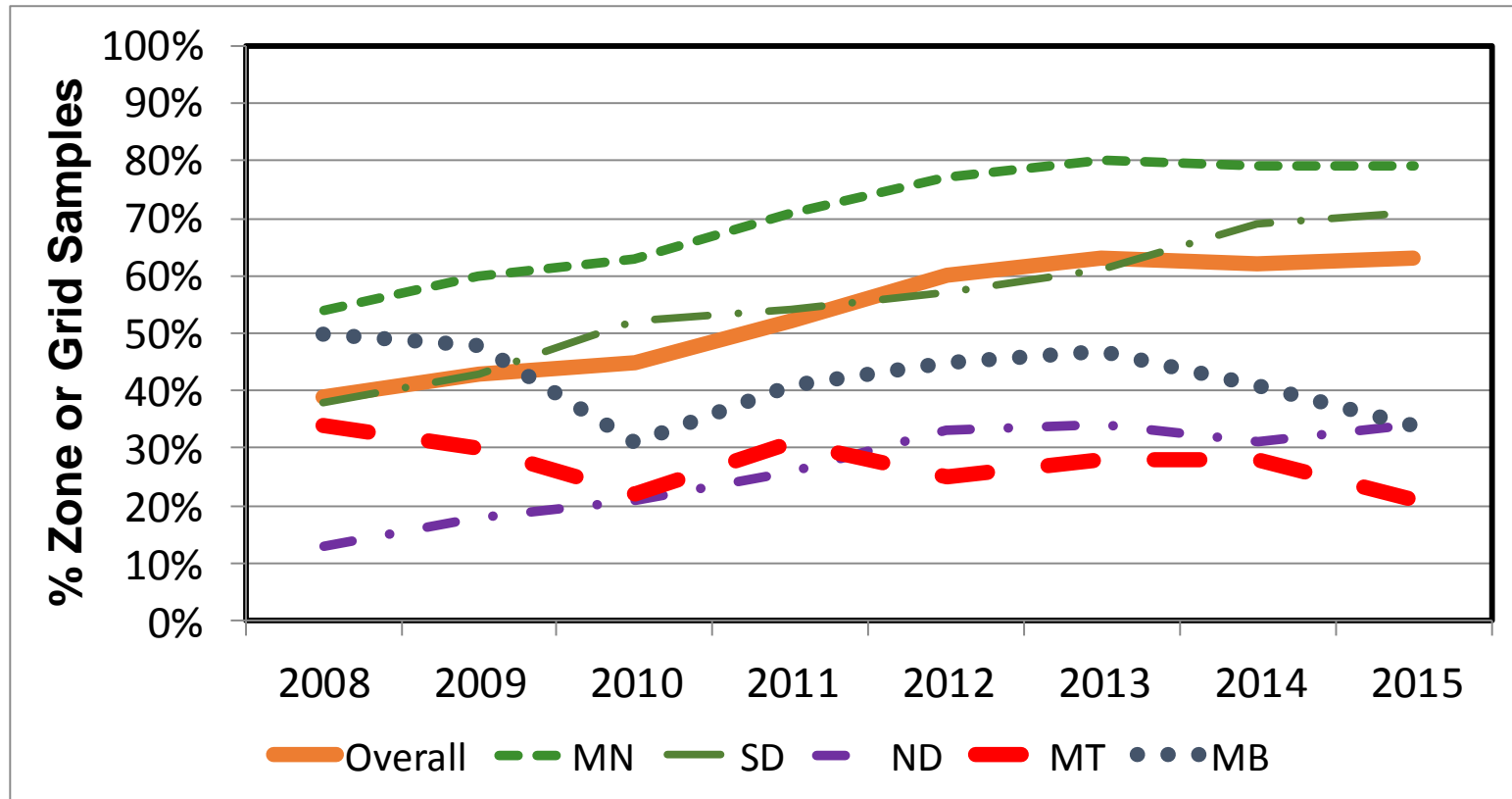


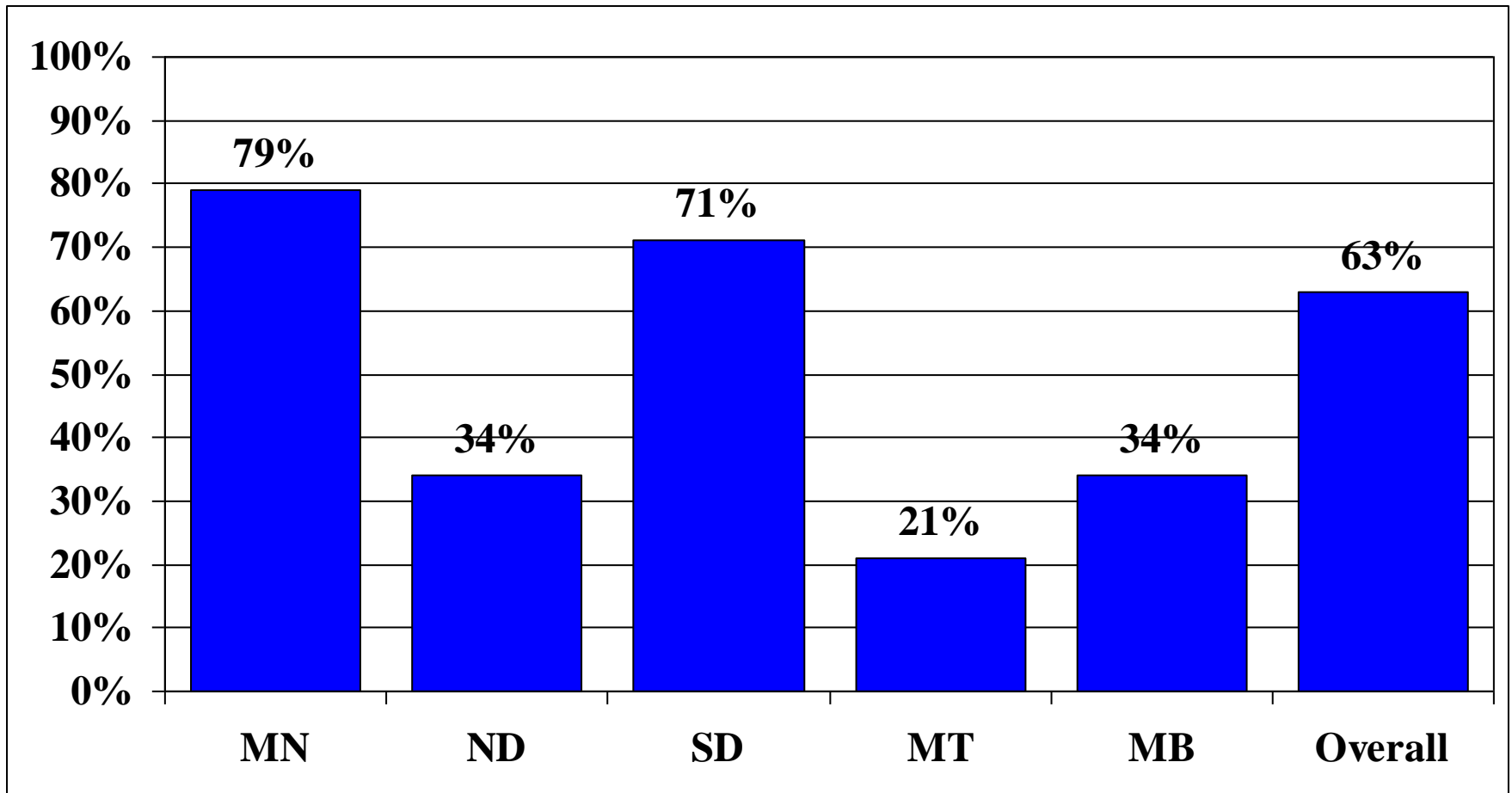
Trend for Precision Soil Testing

% Zone or Grid Samples Tested compared to Total Samples



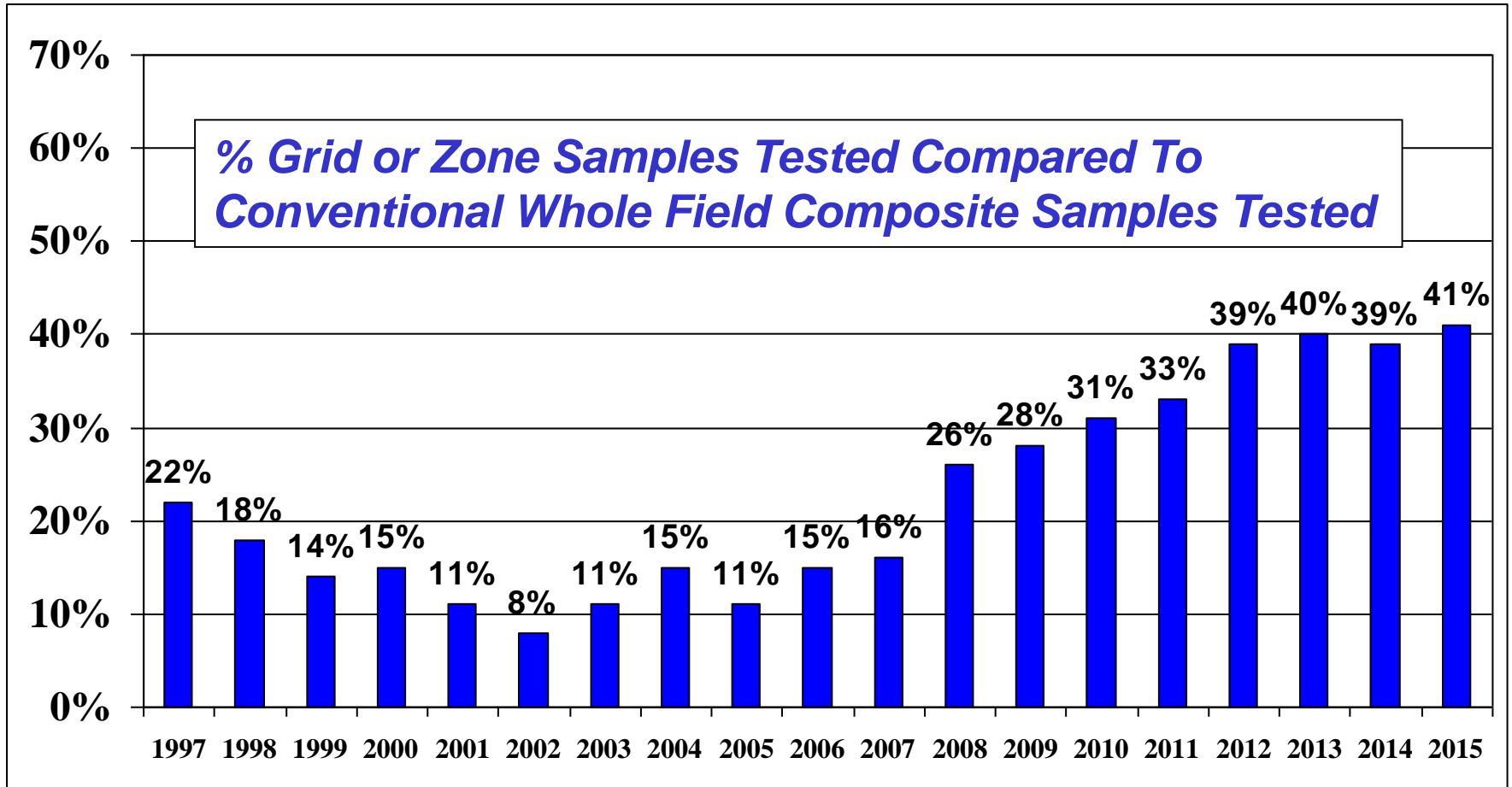


***%Zone or Grid Samples Tested Compared to
Conventional Whole Field Composite Samples in 2015***

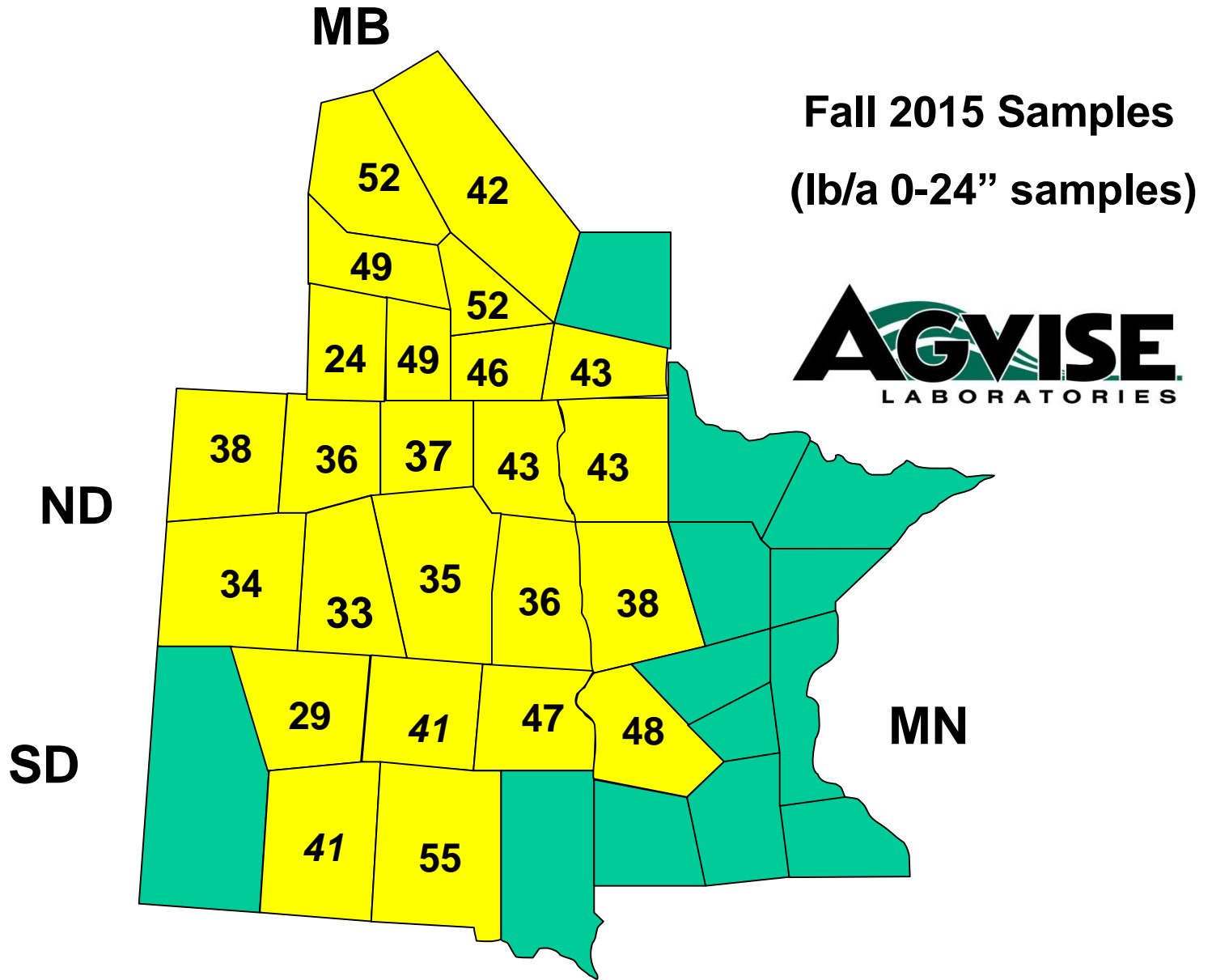


AGVISE Laboratories

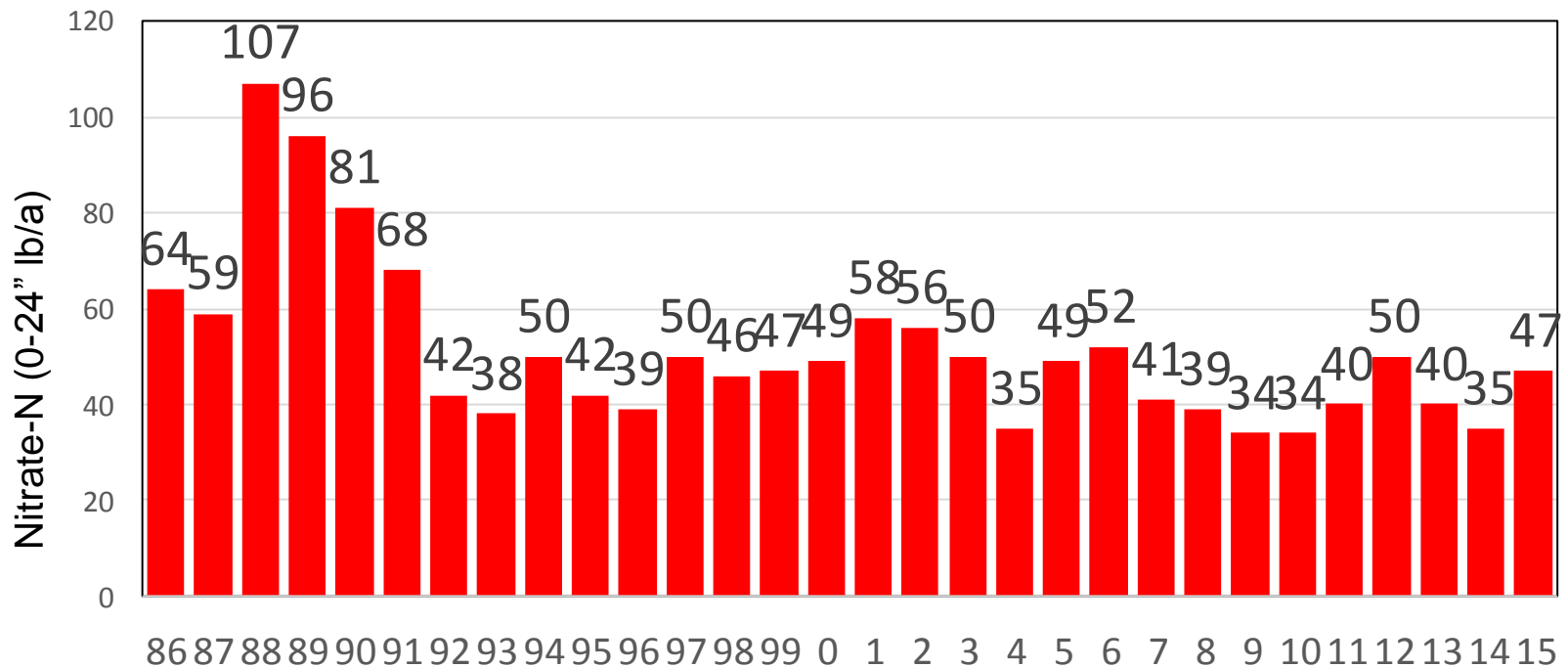
***%Zone or Grid Samples – Northwood laboratory
1997 - 2015***



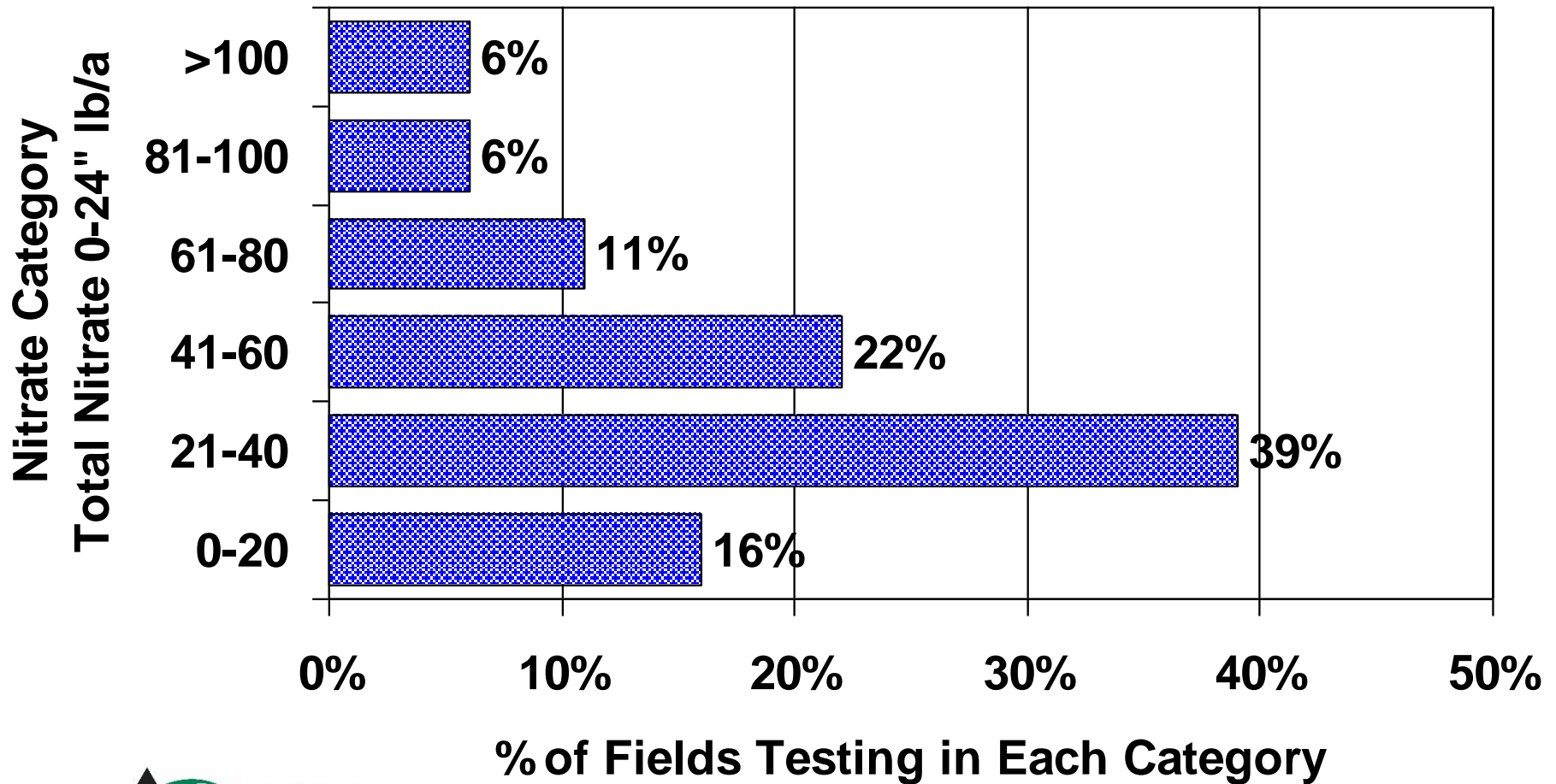
Average Soil Nitrate following Wheat in 2015



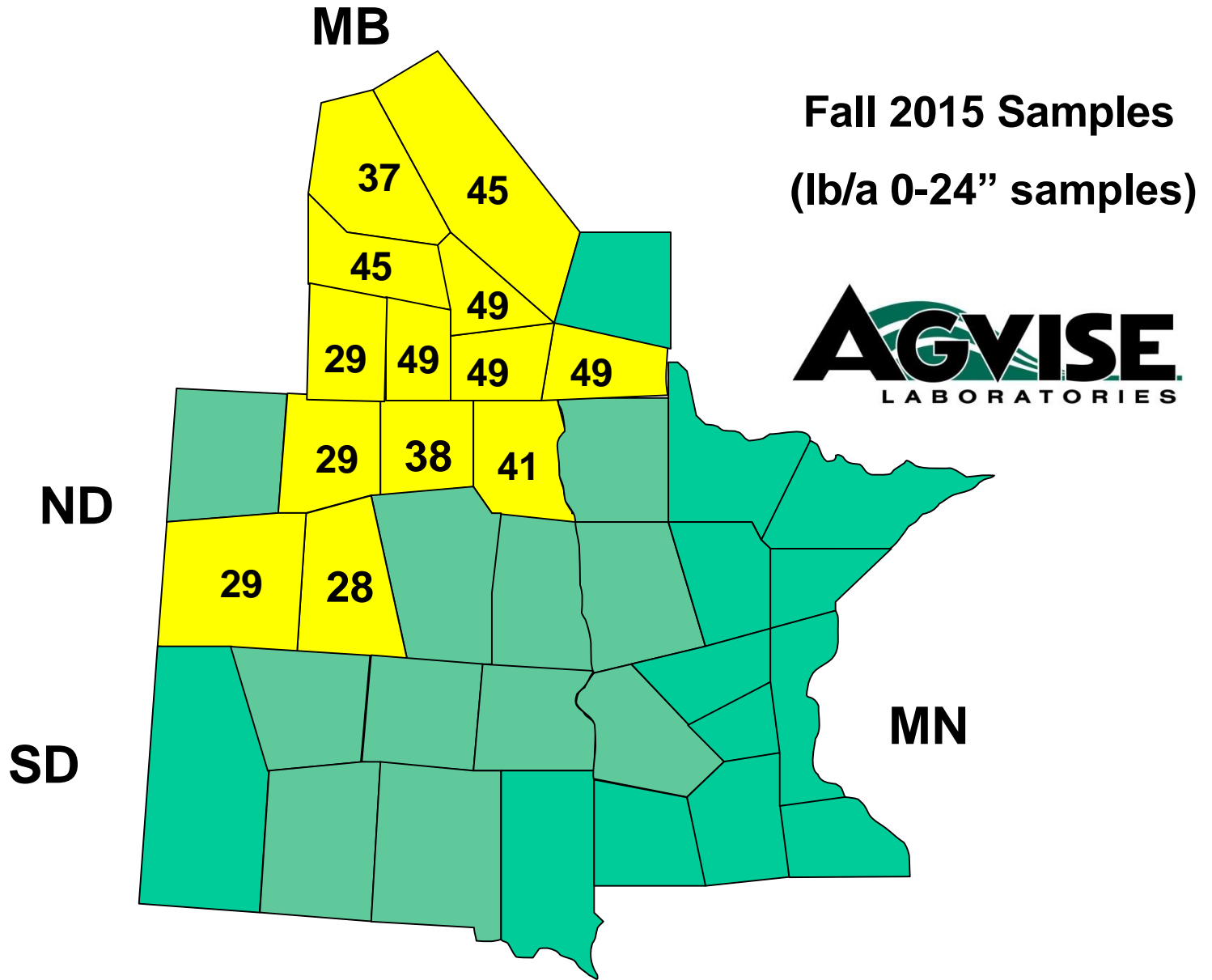
Average Soil Nitrate Following “Wheat” in Canada 1986 - 2015



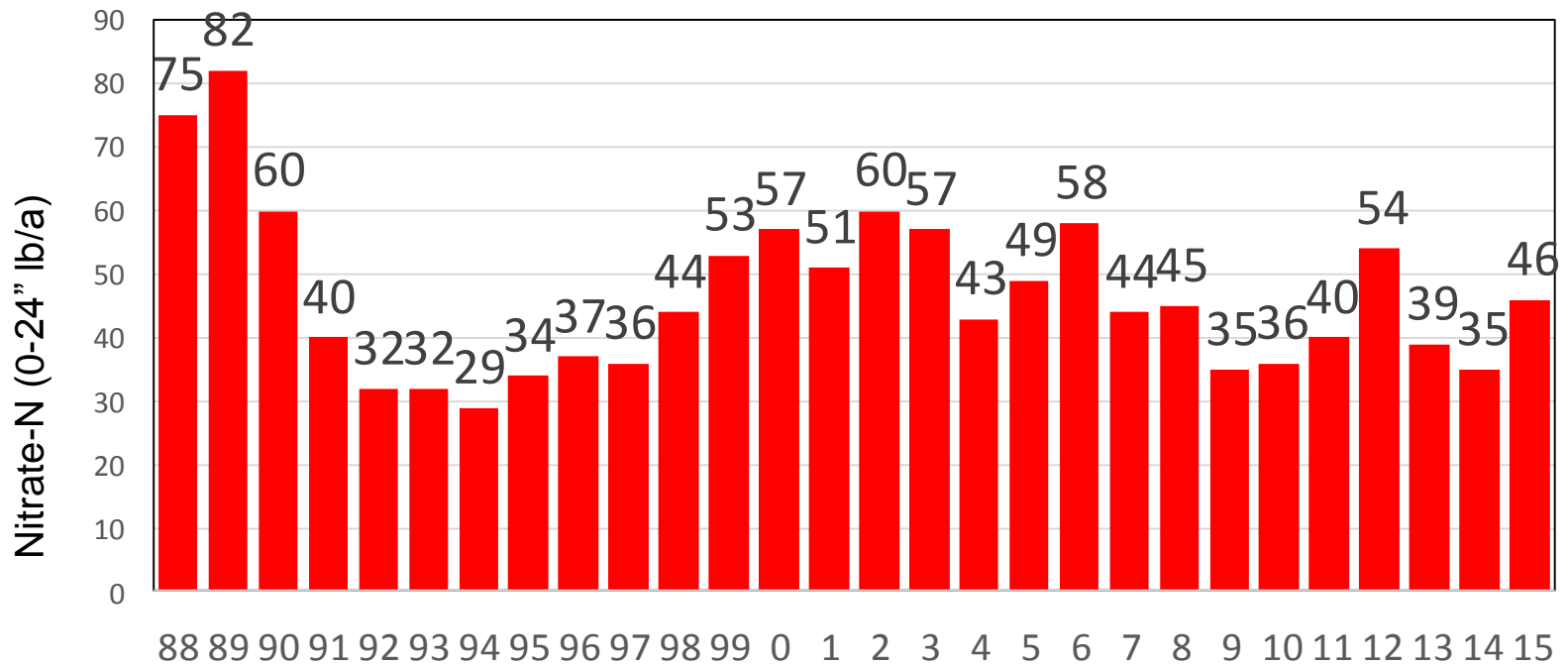
Soil Nitrate Variability Between Fields Following “Wheat” in Canada – 2015



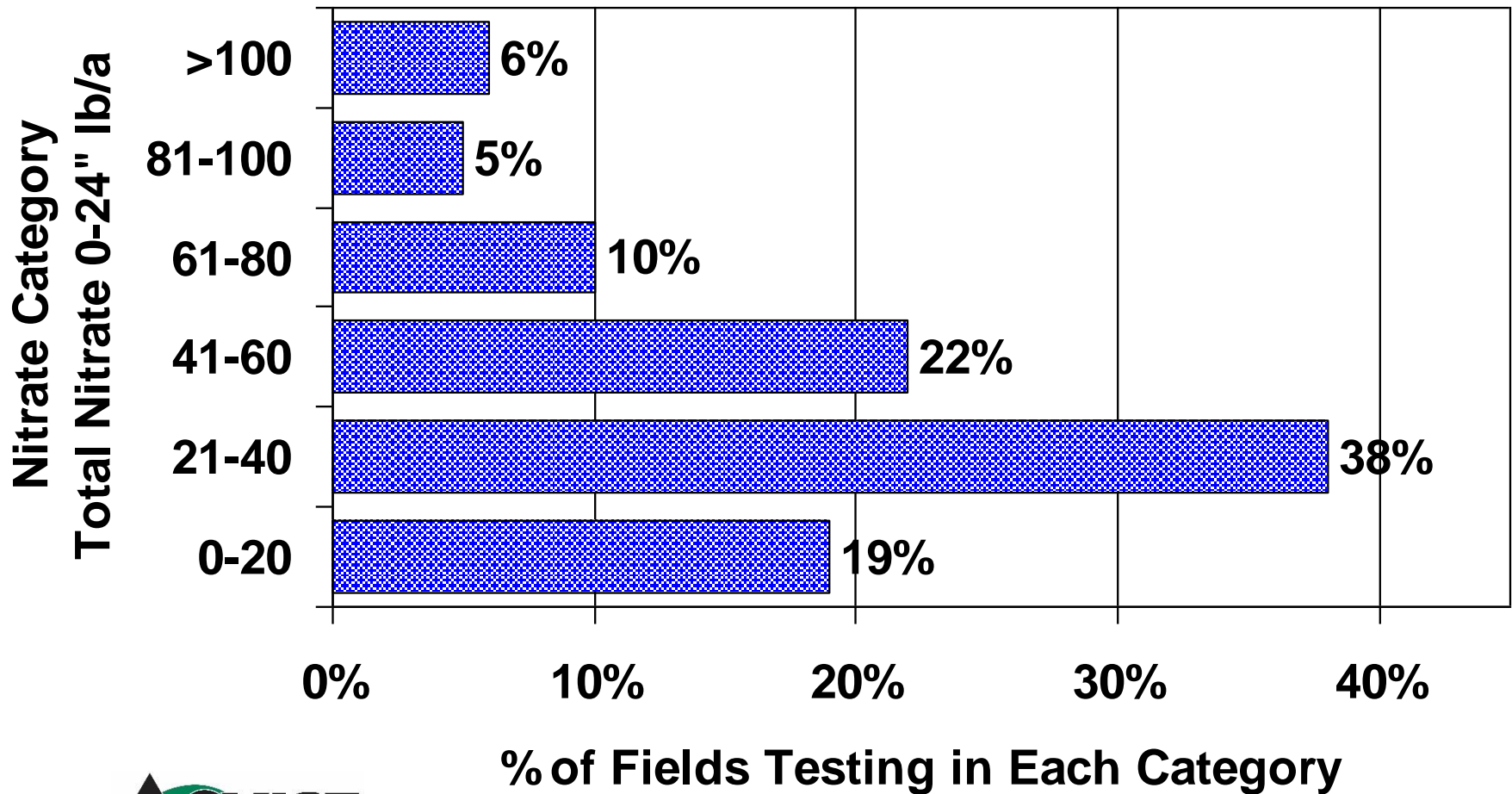
Average Soil Nitrate following Canola in 2015



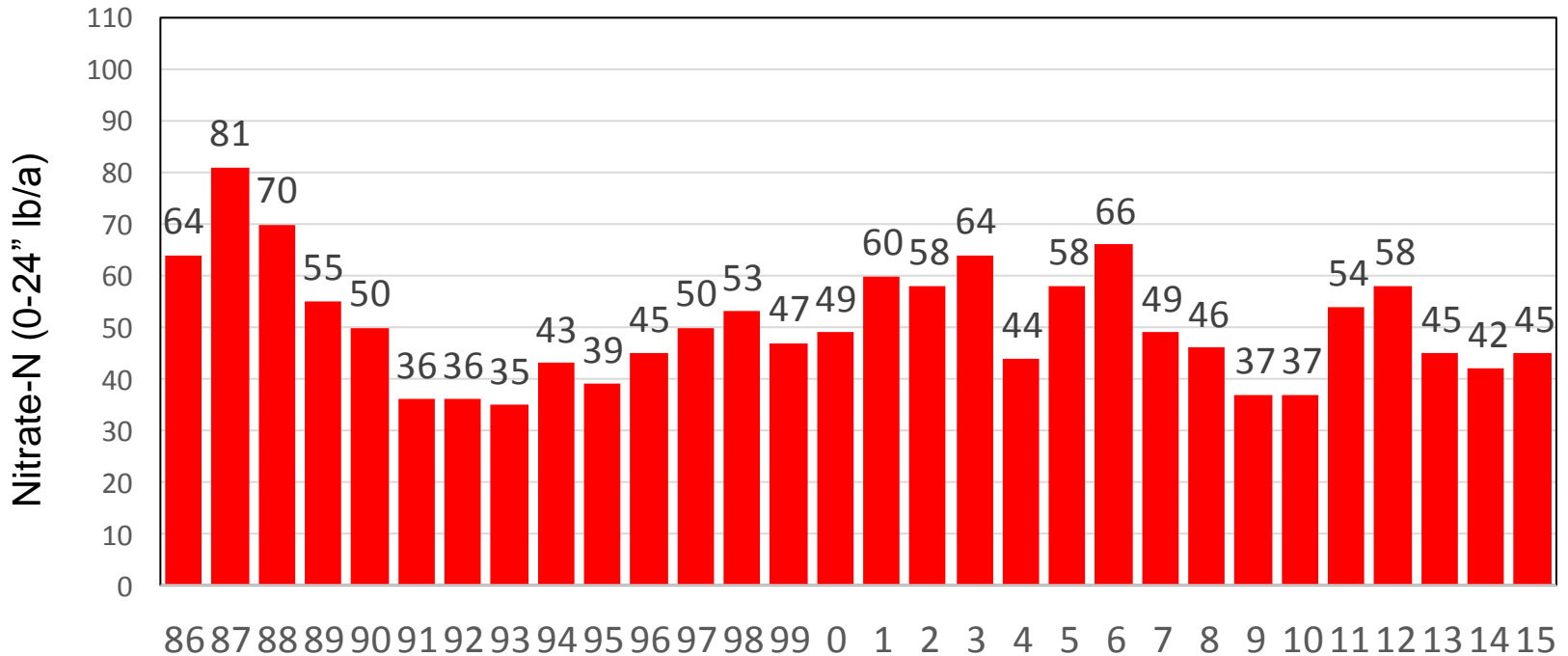
Average Soil Nitrate Following “Canola” 1986 - 2015



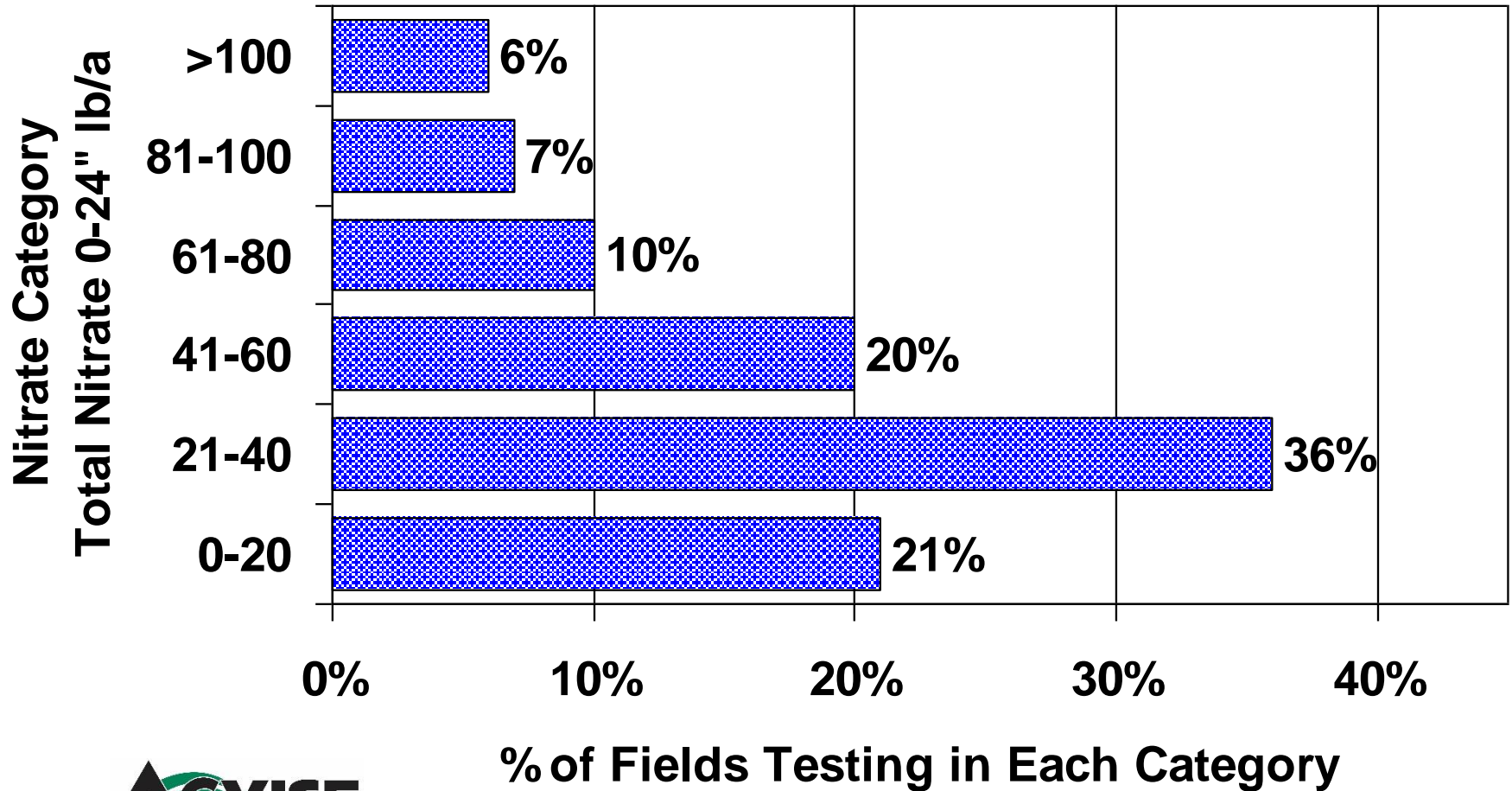
Soil Nitrate Variability Between Fields Following “Canola” in Canada – 2015



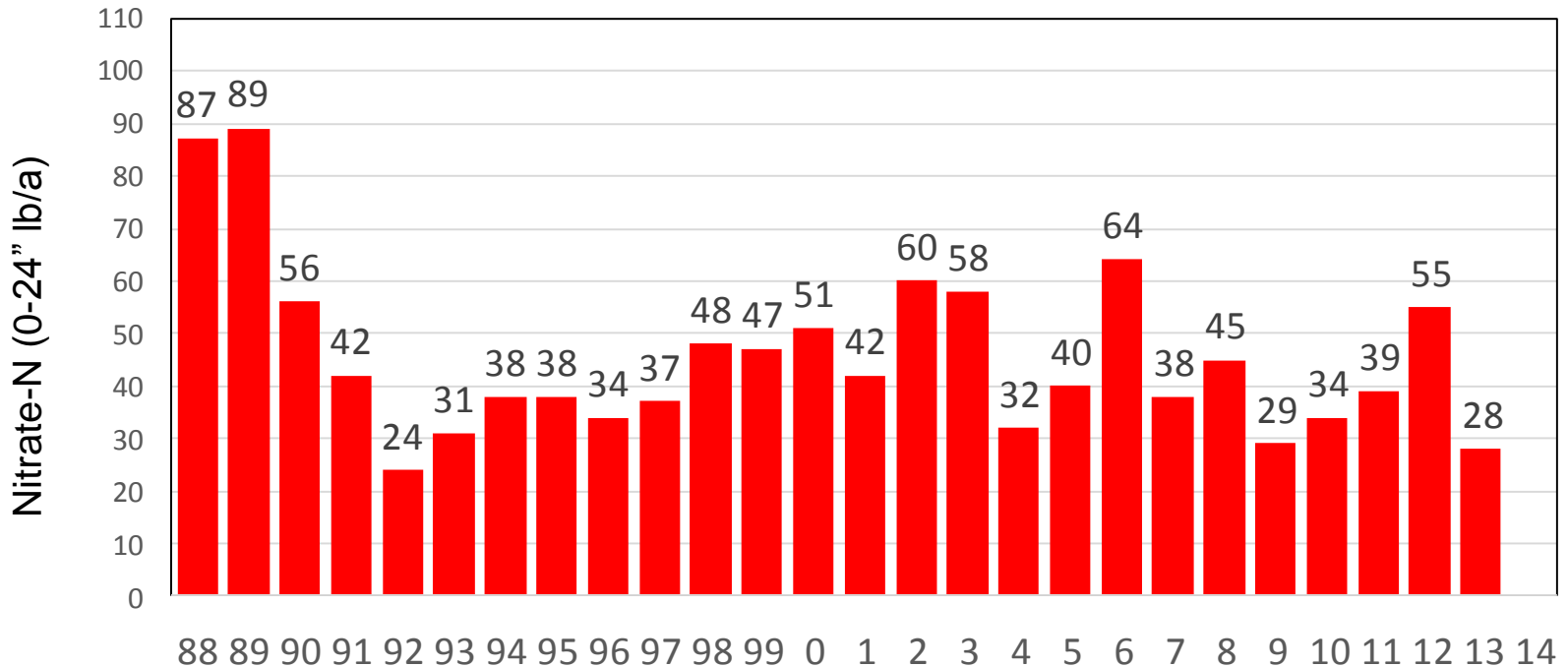
Average Soil Nitrate Following “Barley” in Canada 1986 - 2015



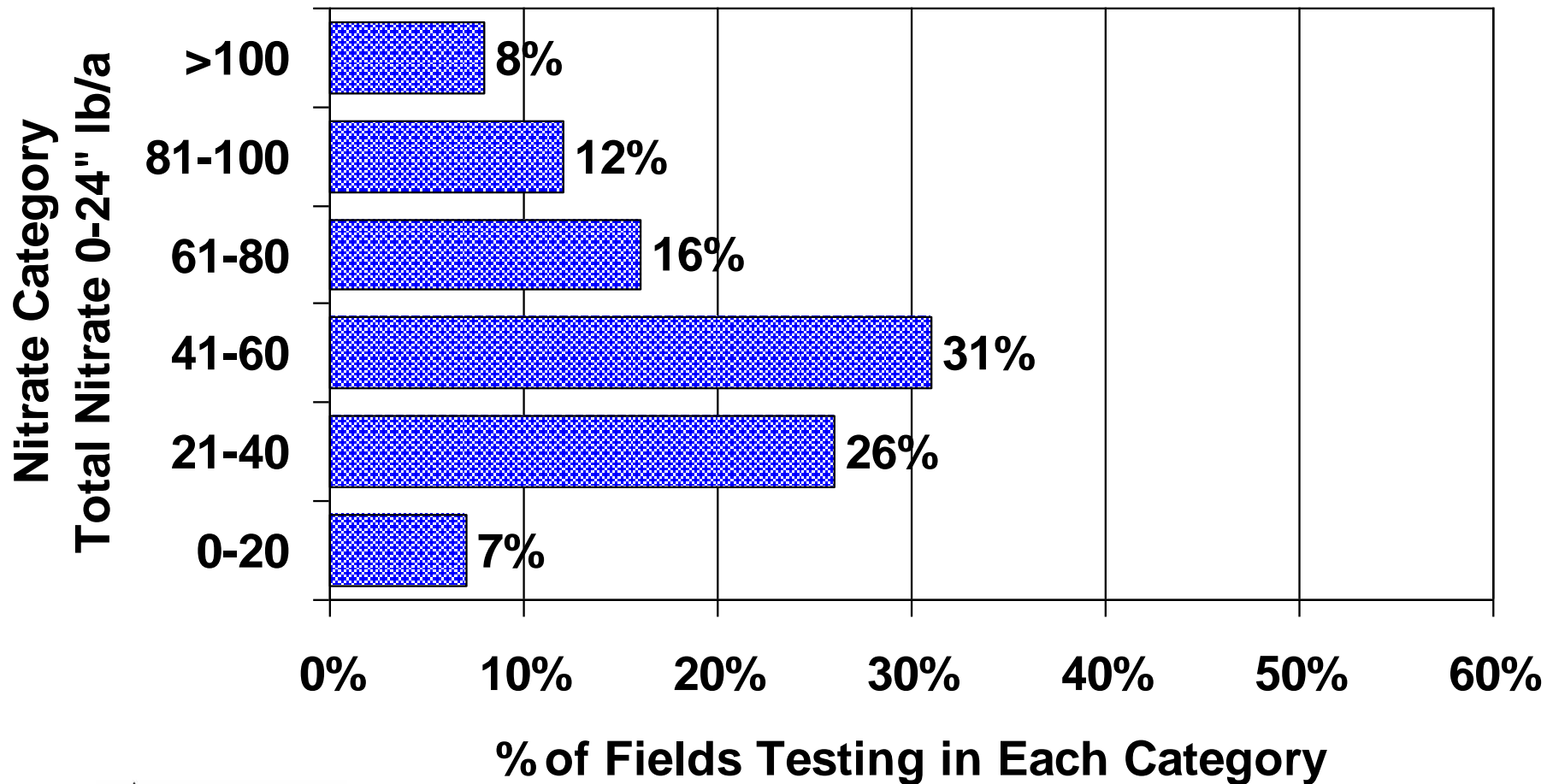
Soil Nitrate Variability Between Fields Following “Barley” in Canada - 2015



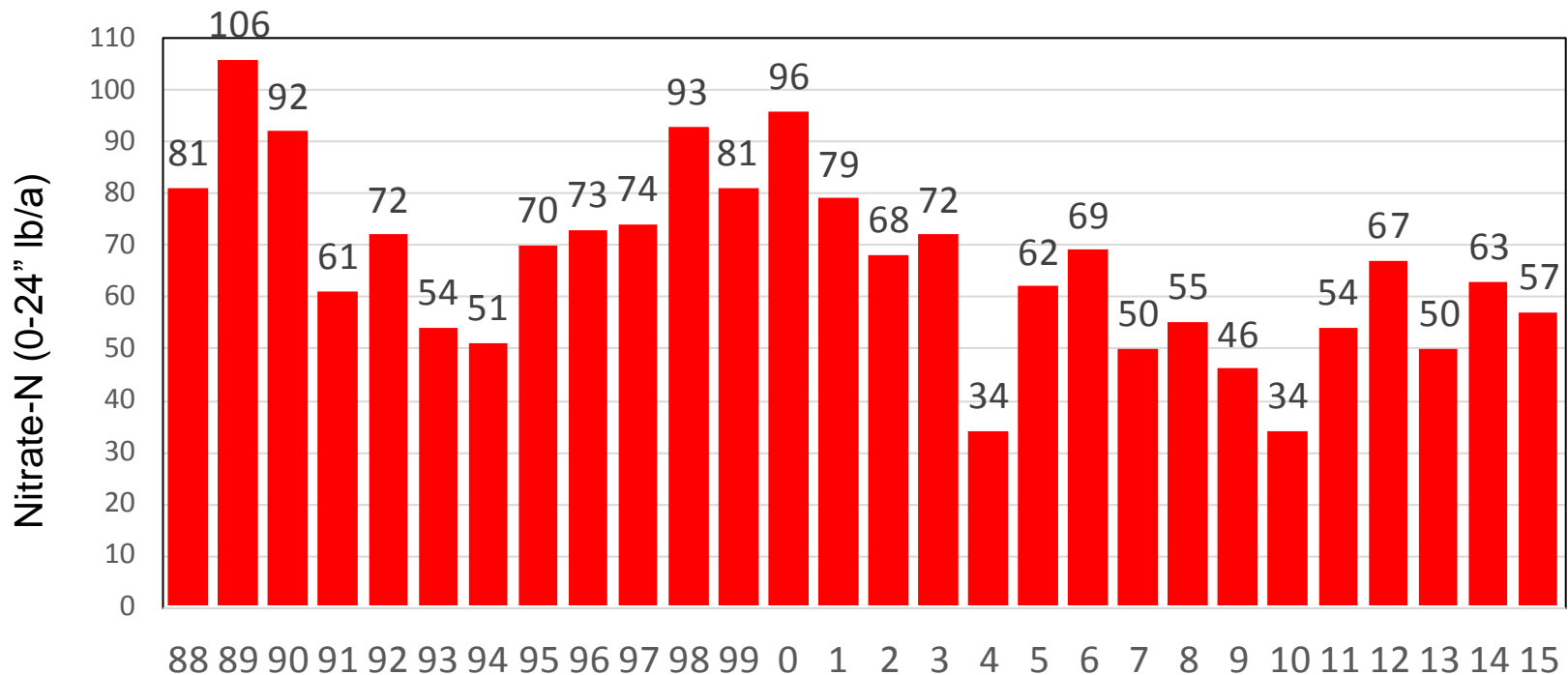
Average Soil Nitrate Following “Flax” in Canada 1988 - 2013



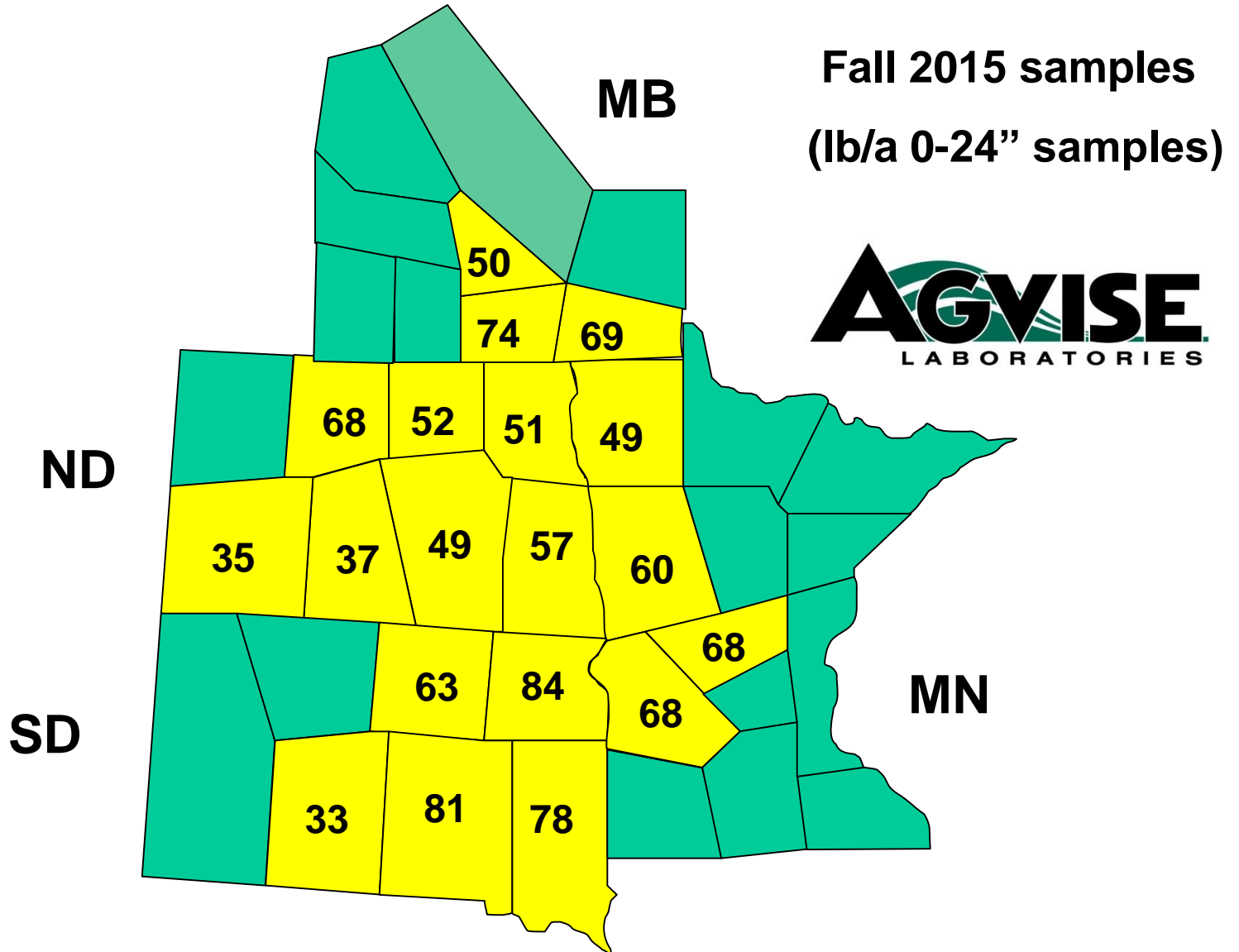
Soil Nitrate Variability Between Fields Following "Potato" in Canada - 2015



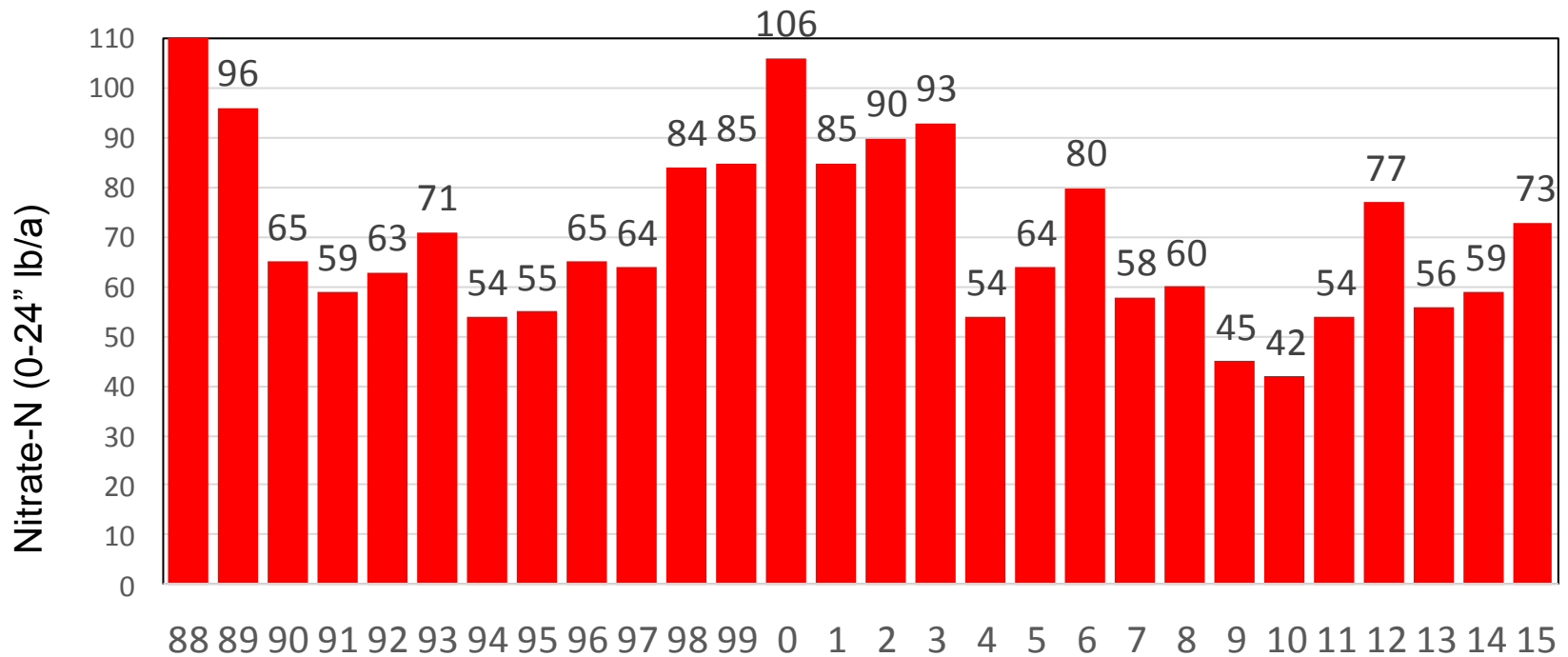
Average Soil Nitrate Following “Potato” in Canada 1986 - 2015



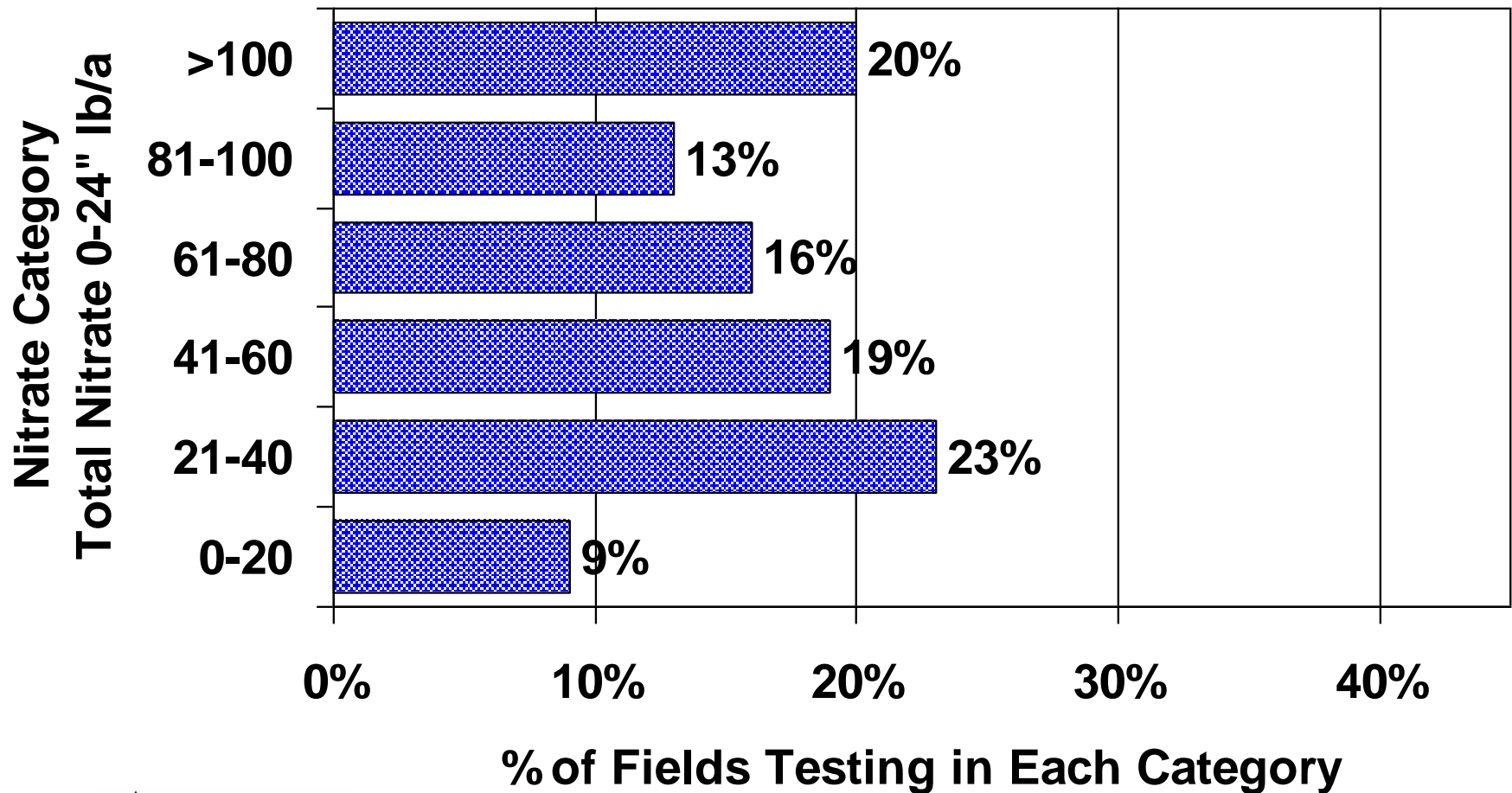
Average Soil Nitrate following Corn in 2015



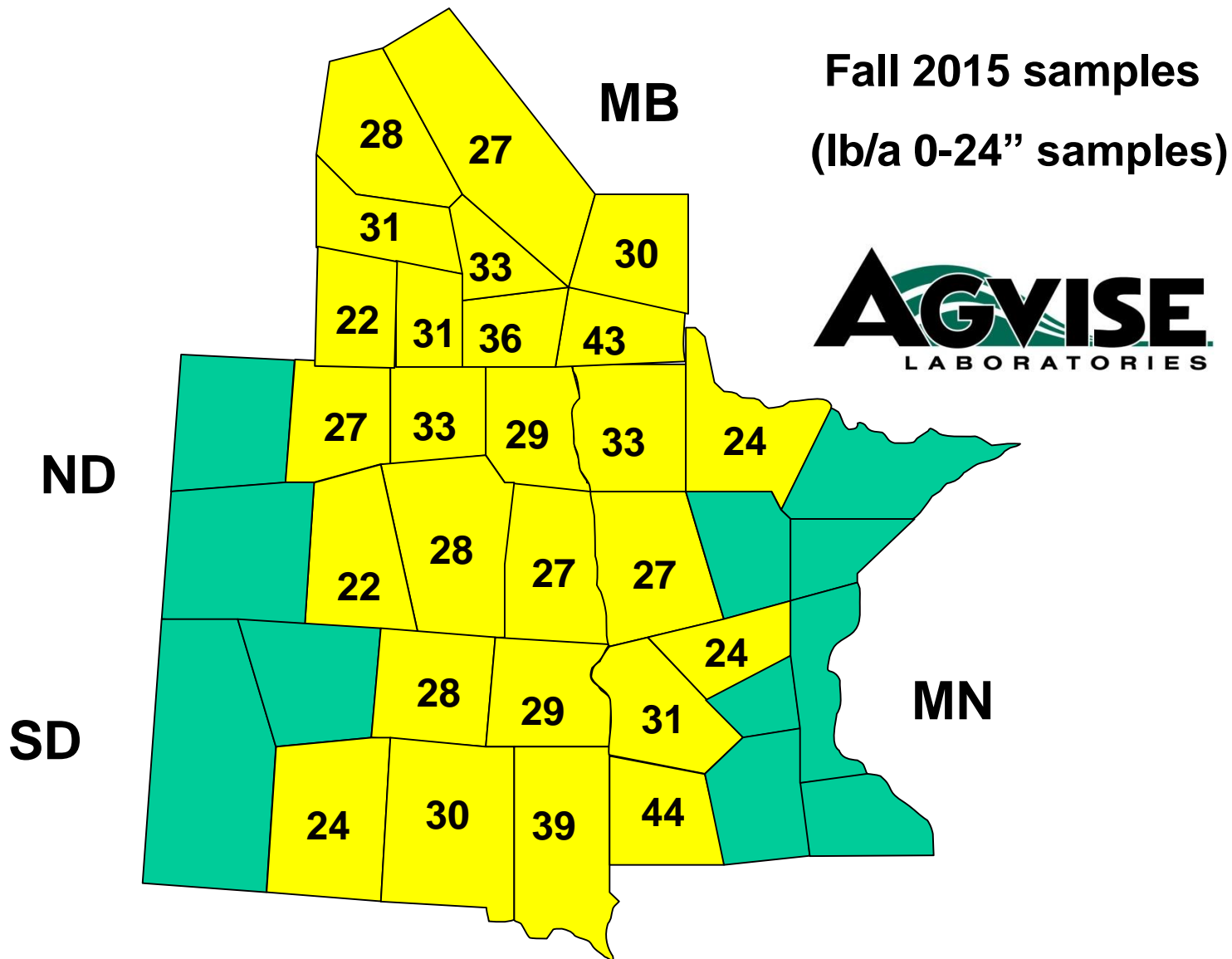
Average Soil Nitrate Following “Corn” in Canada 1988 - 2015



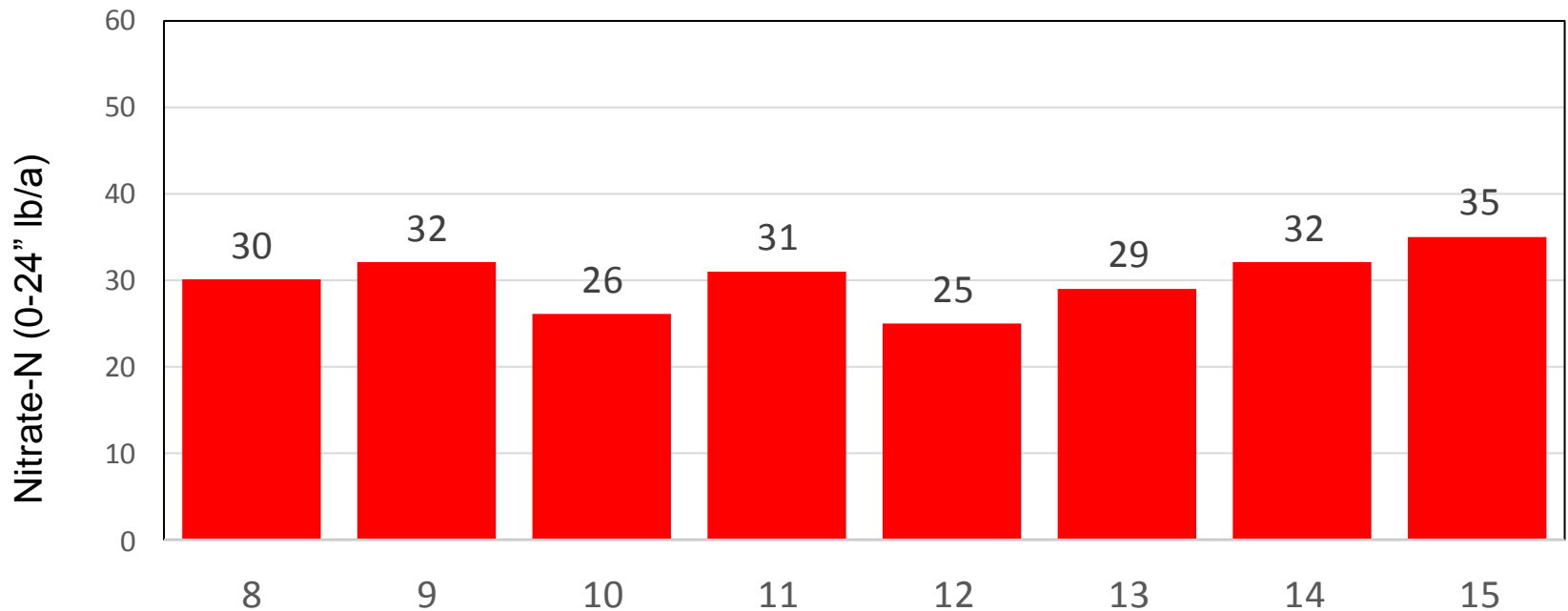
Soil Nitrate Variability Between Fields Following “Corn” in Canada - 2015



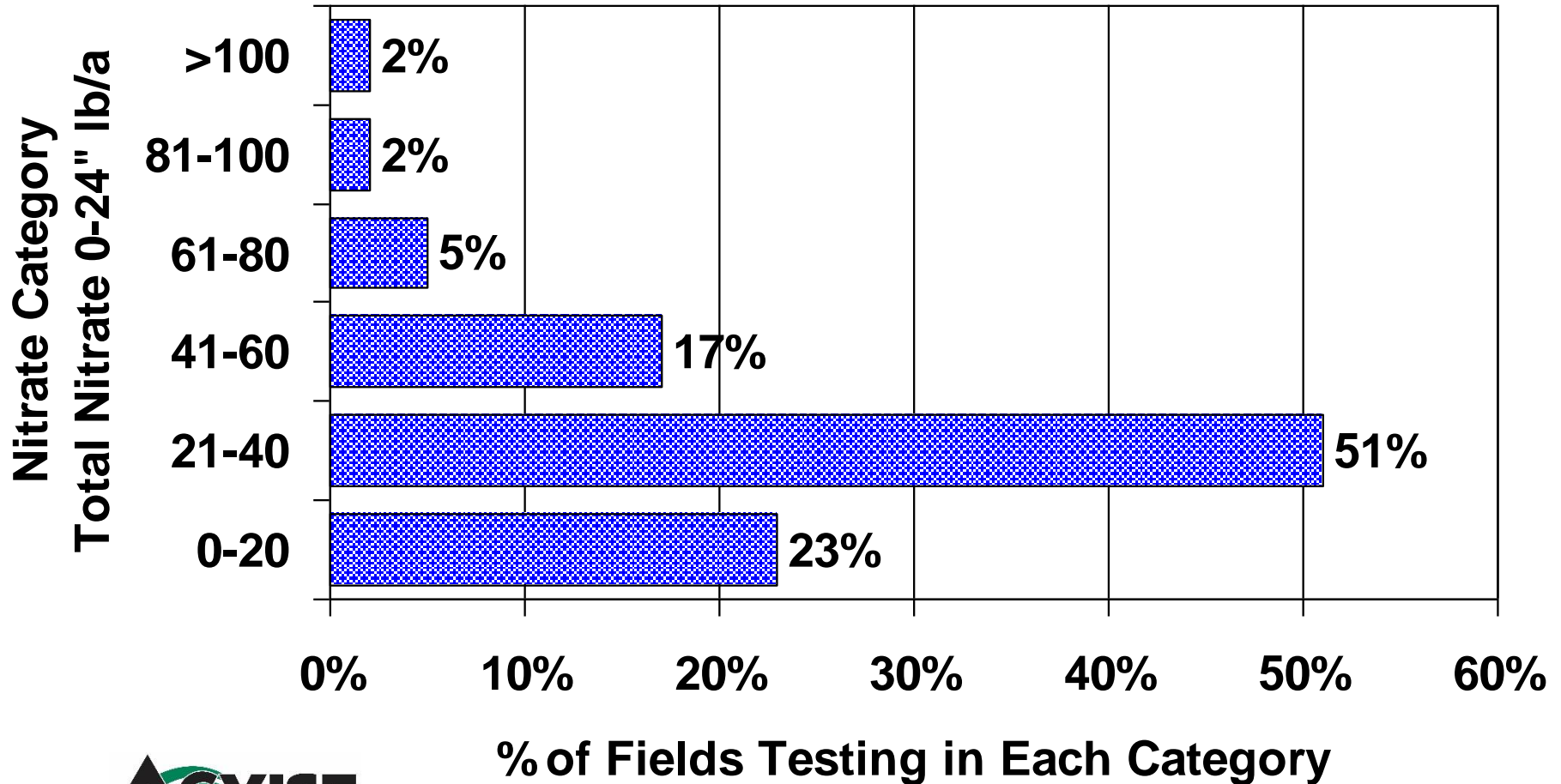
Average Soil Nitrate following Soybean in 2015



Average Soil Nitrate Following “Soybean” in Canada 2008 - 2015



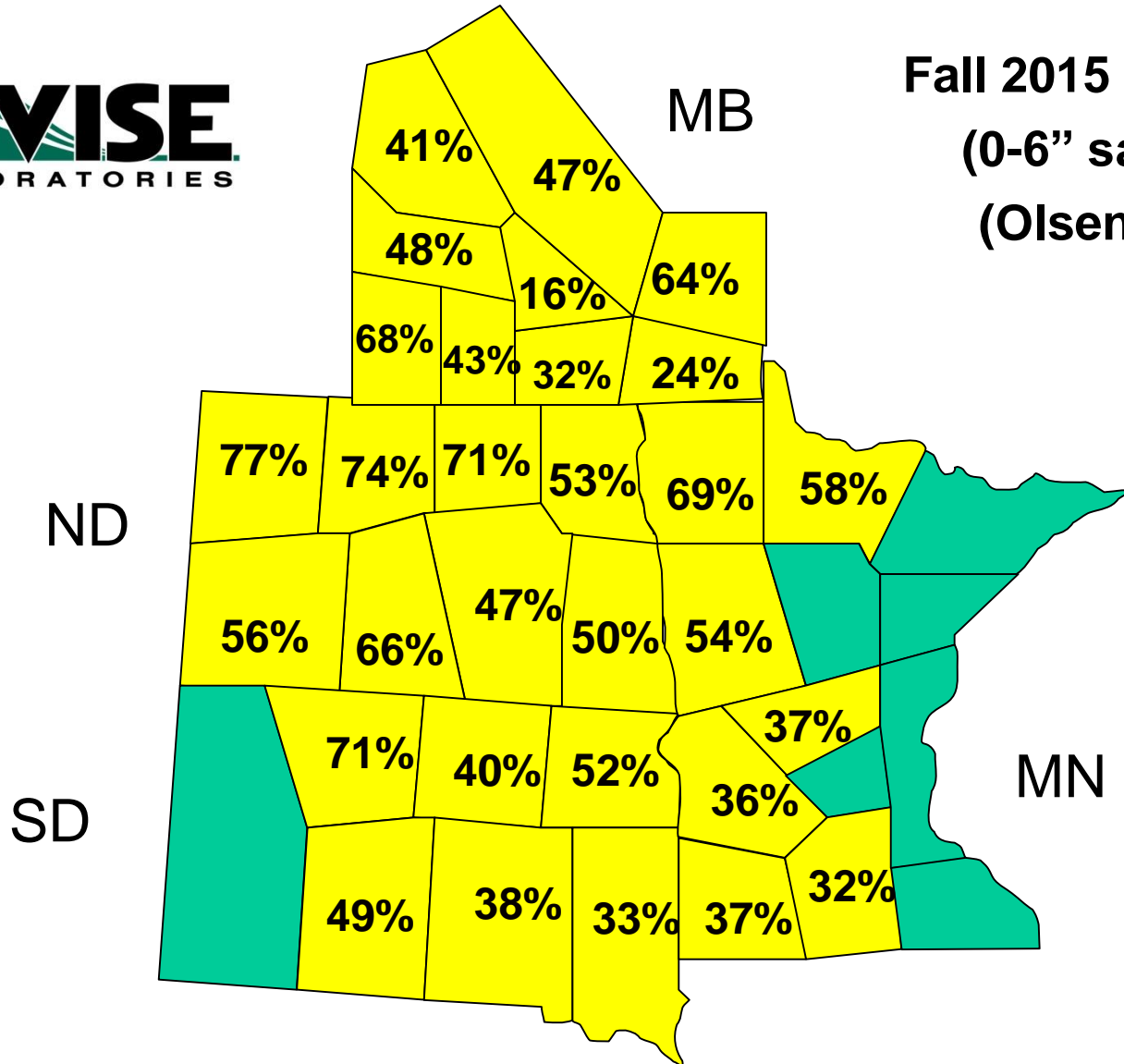
Soil Nitrate Variability Between Fields Following “Soybean” in Canada 2015



% Soil Samples with Phosphorus less than 10 ppm



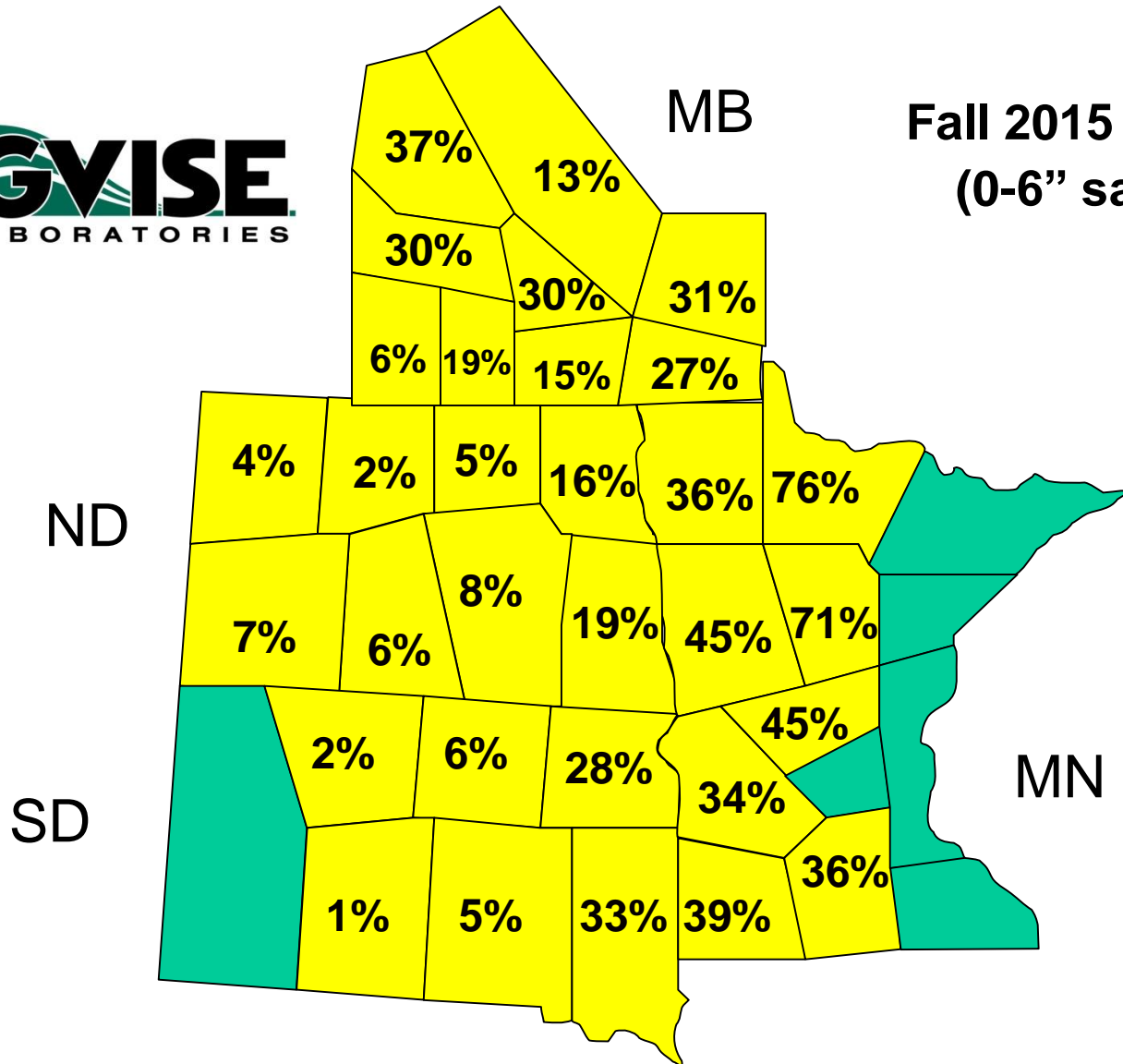
Fall 2015 samples
(0-6" samples)
(Olsen P test)



% Soil Samples with Potassium less than 150 ppm



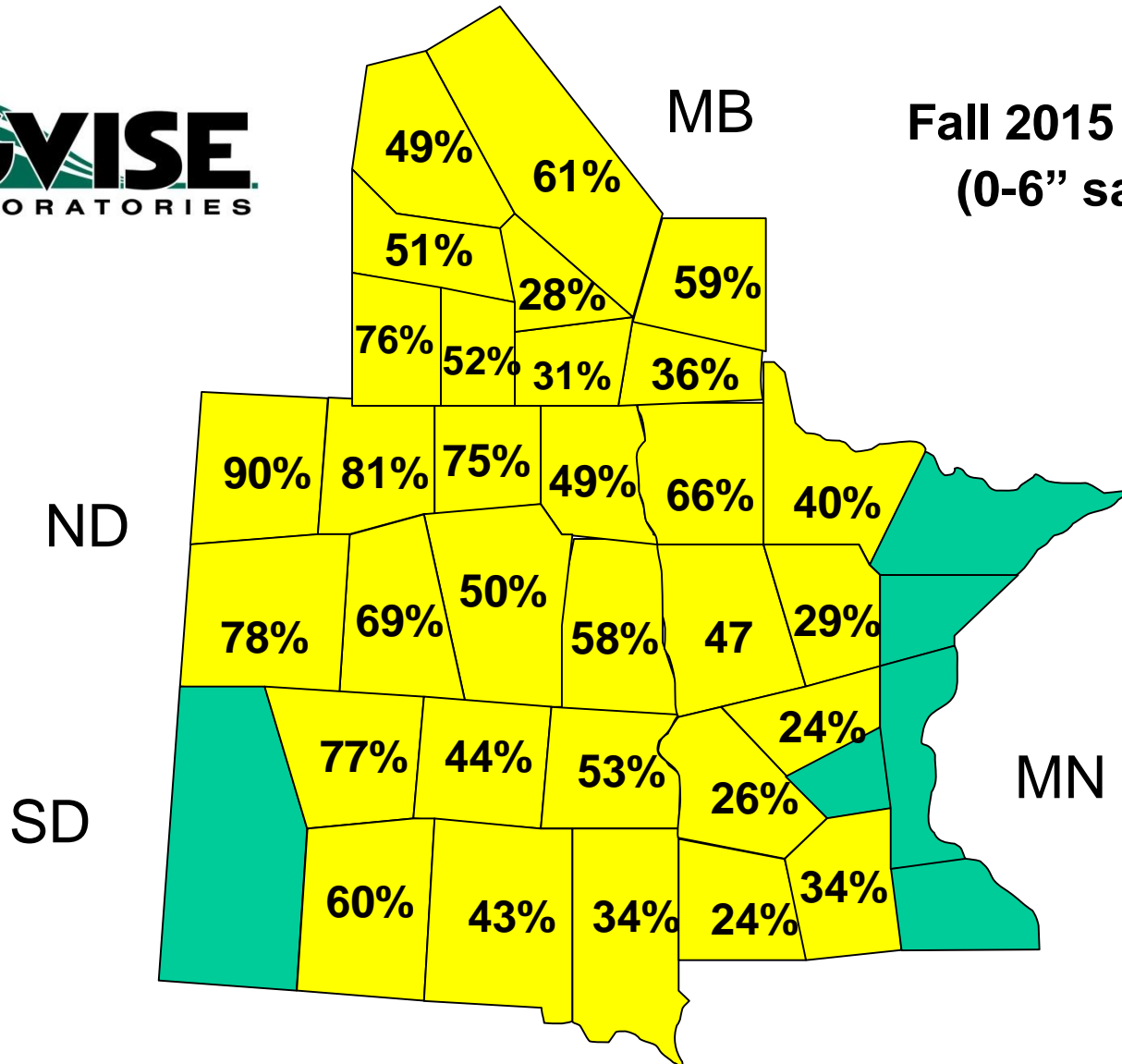
Fall 2015 samples
(0-6" samples)



% Soil Samples with Zinc less than 1.0 ppm



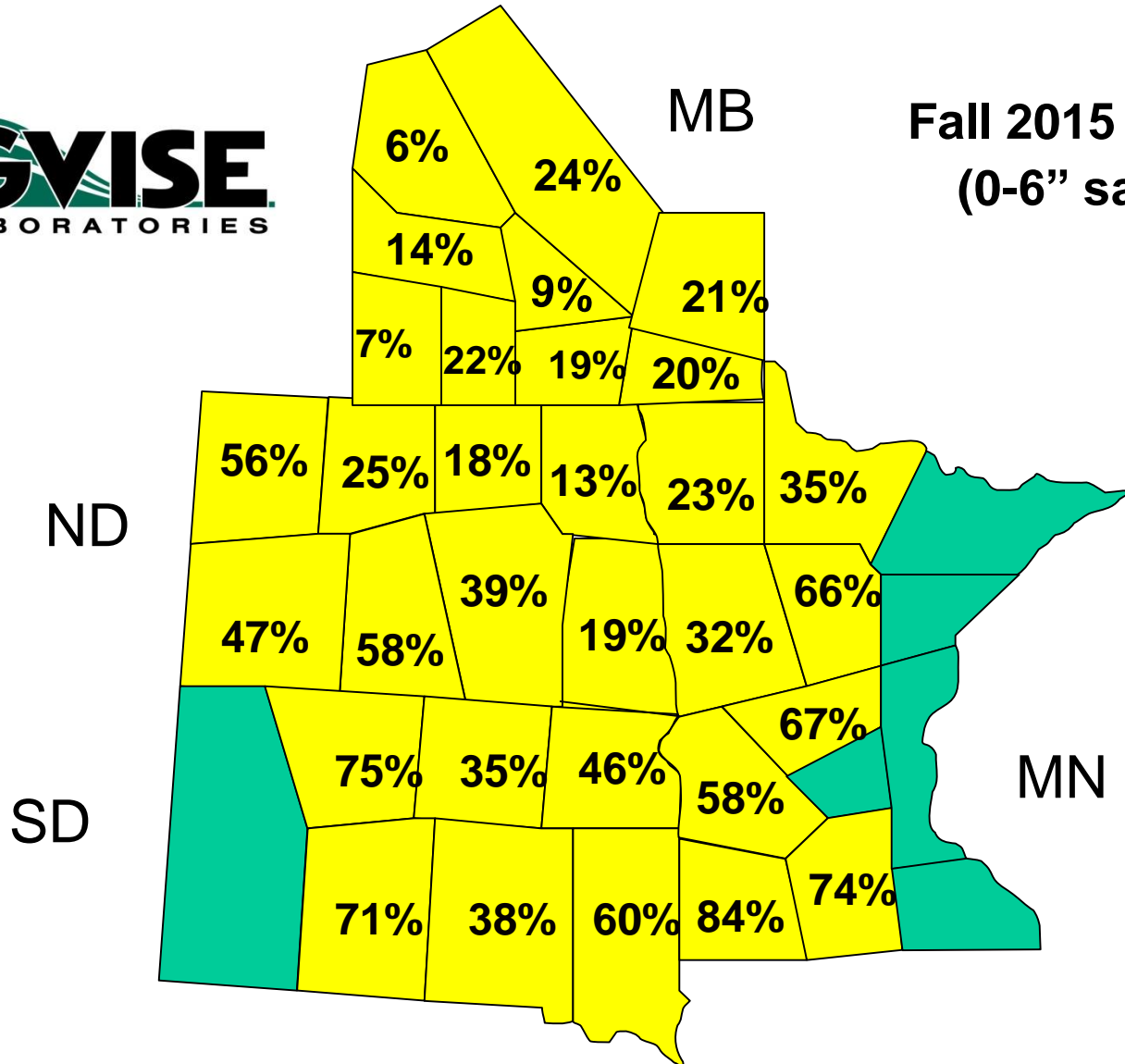
Fall 2015 samples
(0-6" samples)



% Soil Samples with Sulfur less than 15 lb/a



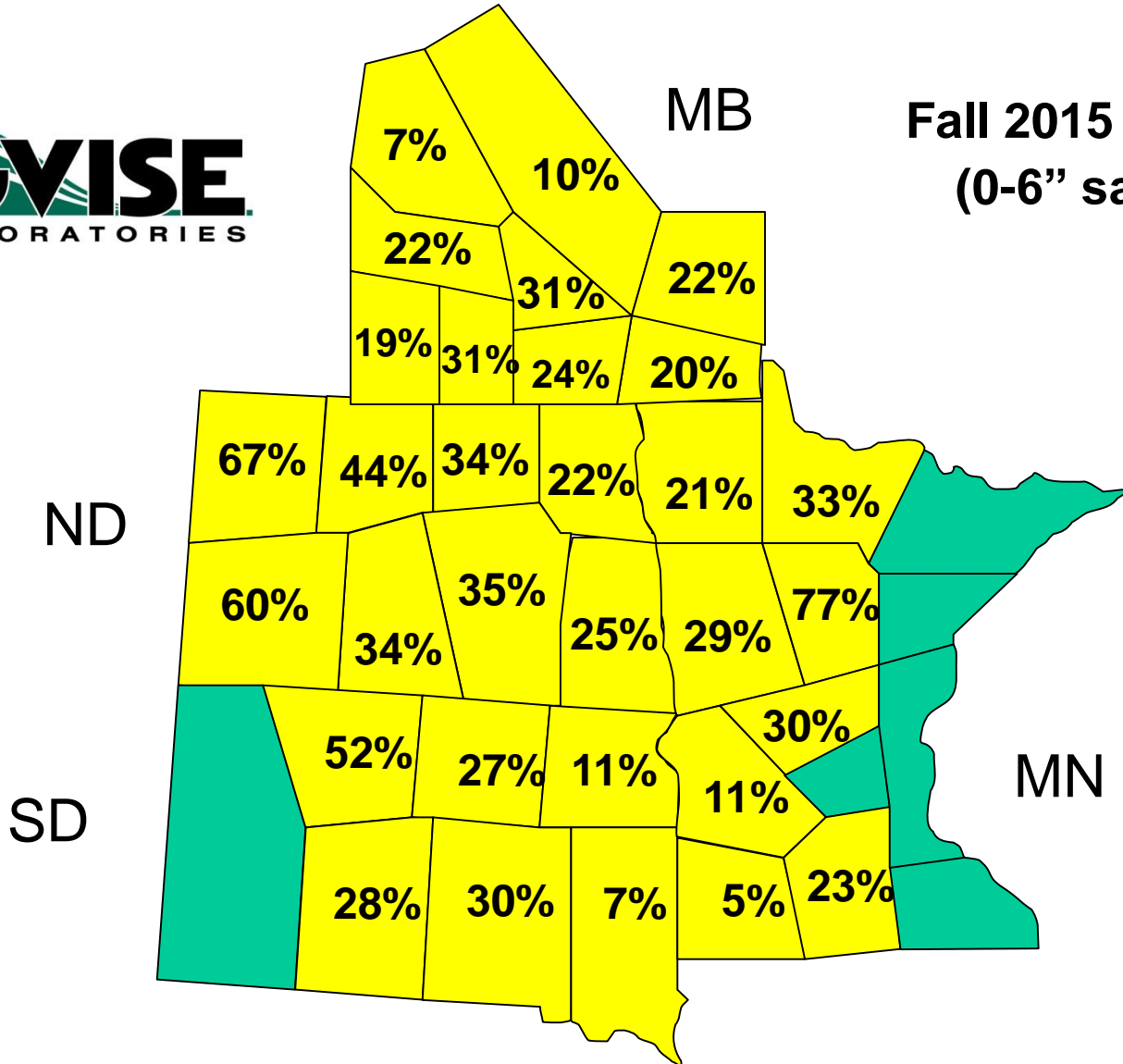
Fall 2015 samples
(0-6" samples)



% Soil Samples with %OM less than 3.0%



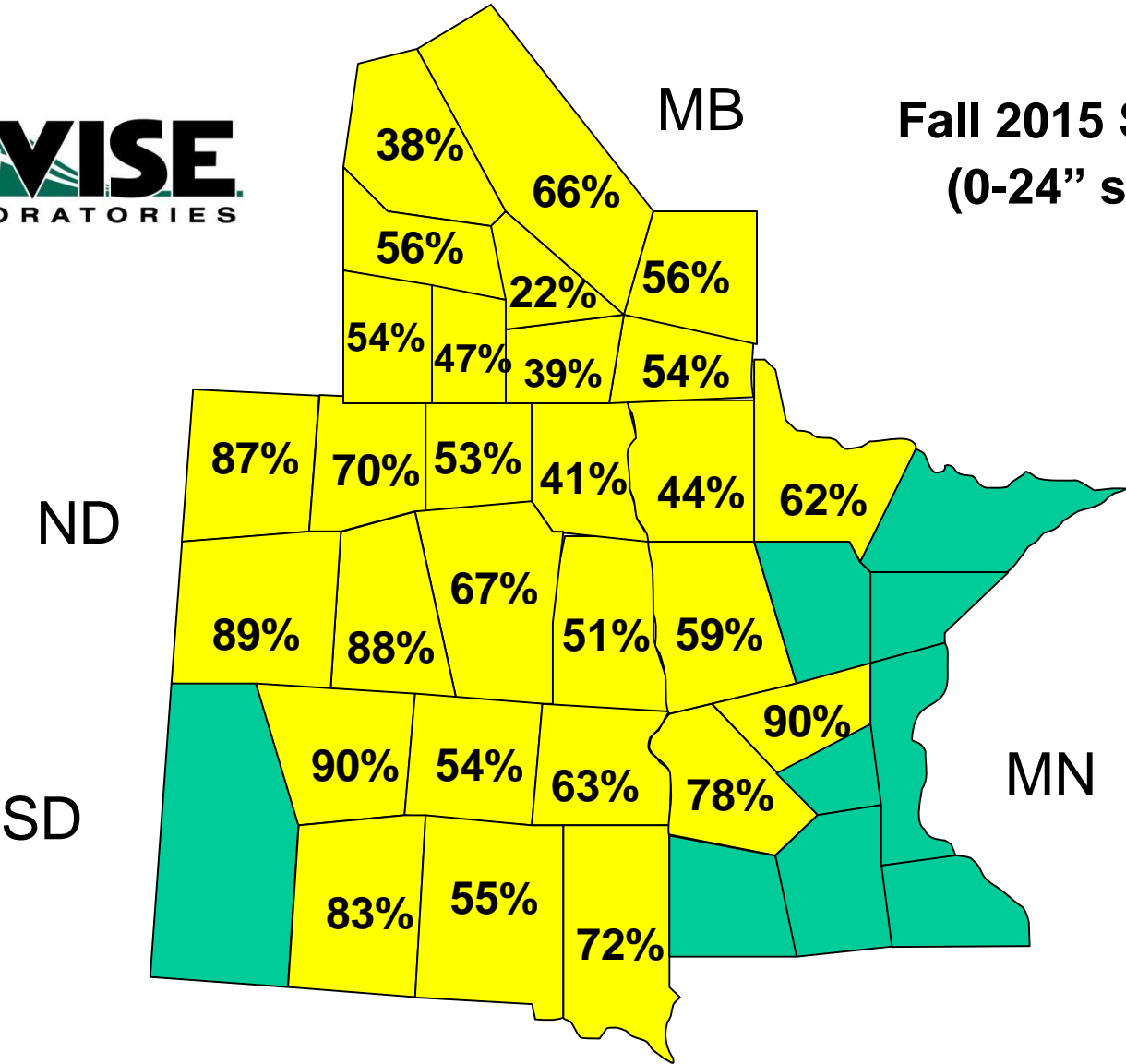
Fall 2015 Samples
(0-6" samples)



% Soil Samples with Chloride less than 40 lb/a



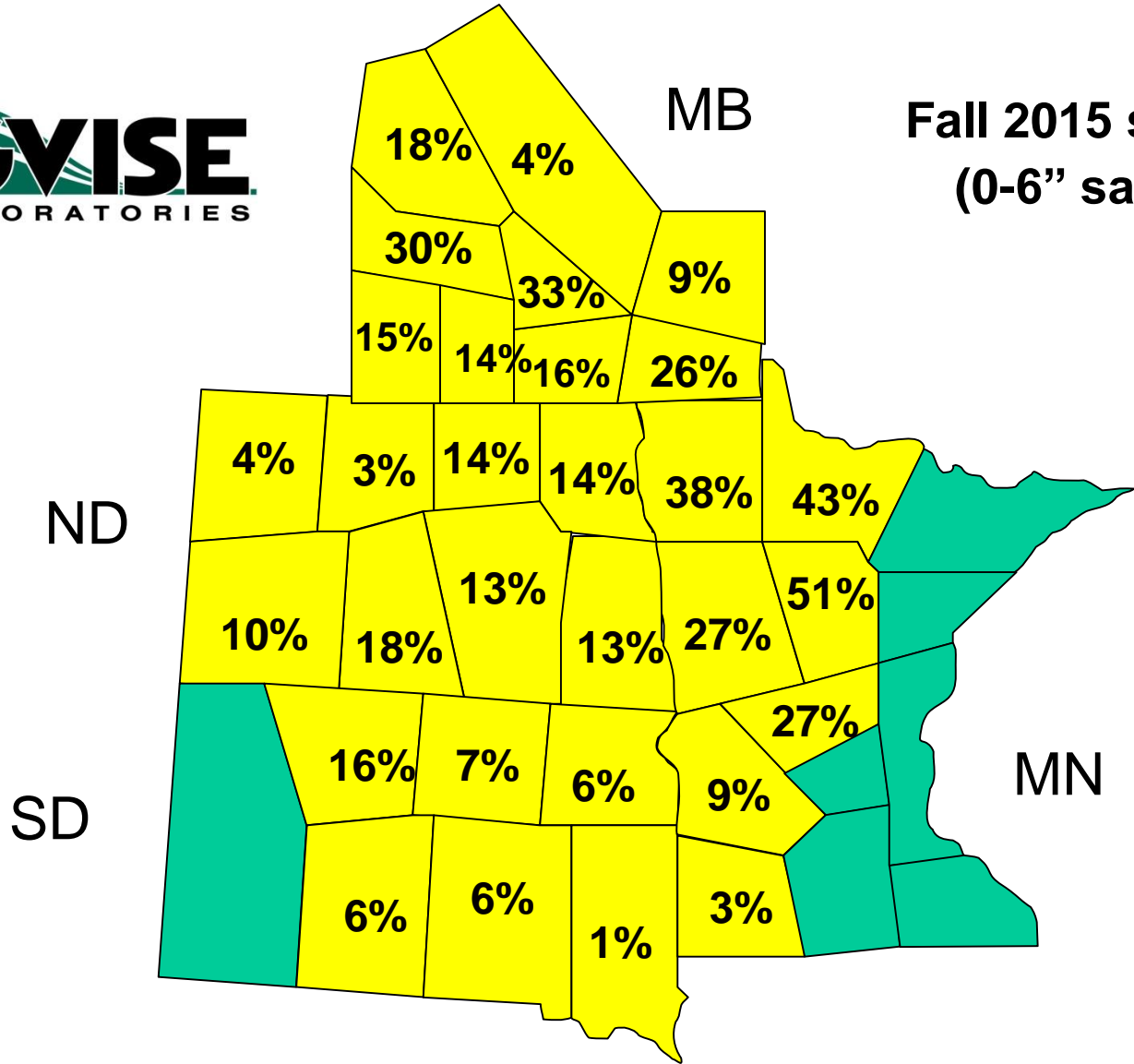
Fall 2015 Samples
(0-24" samples)



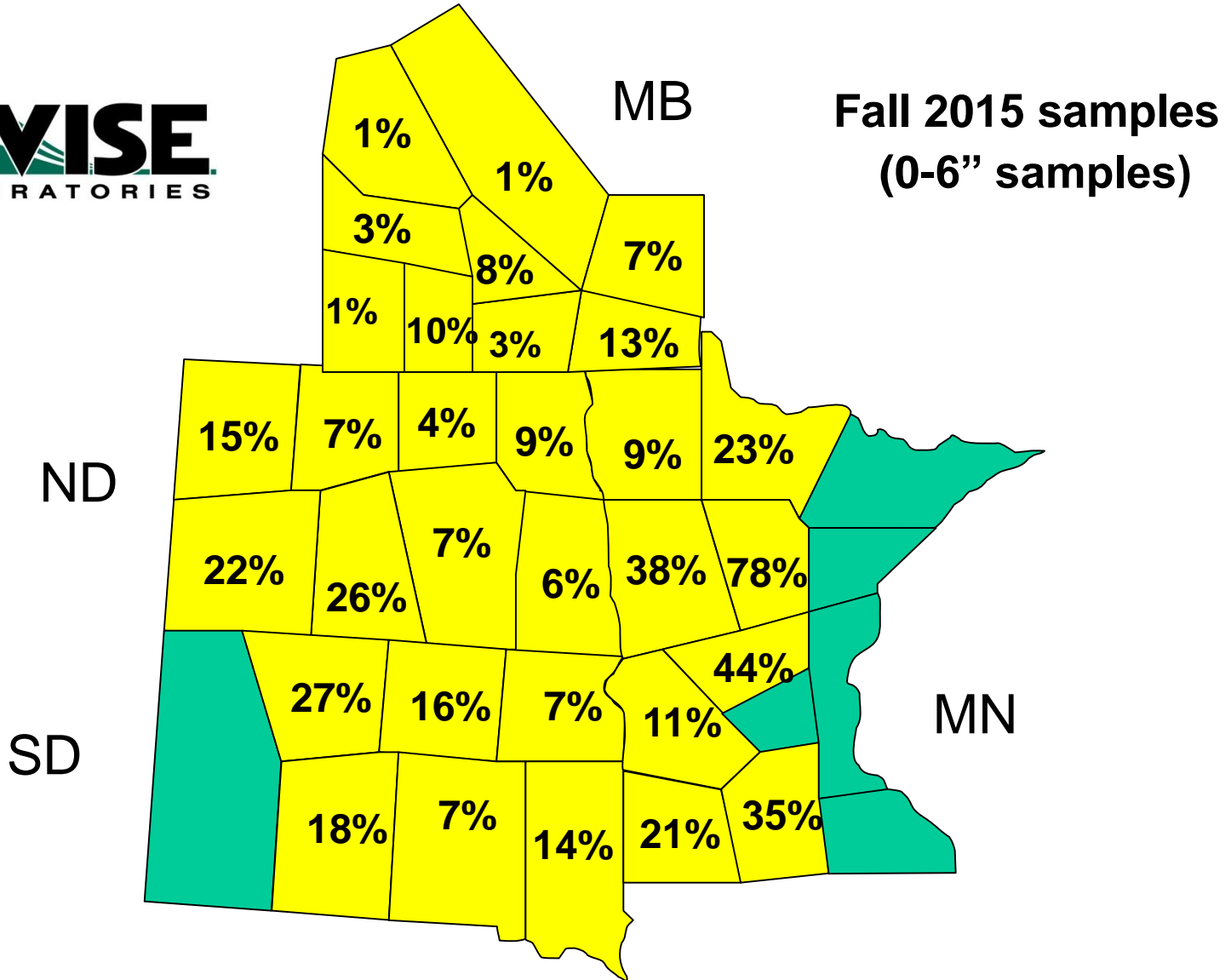
% Soil Samples with Copper less than 0.5 ppm



Fall 2015 samples
(0-6" samples)



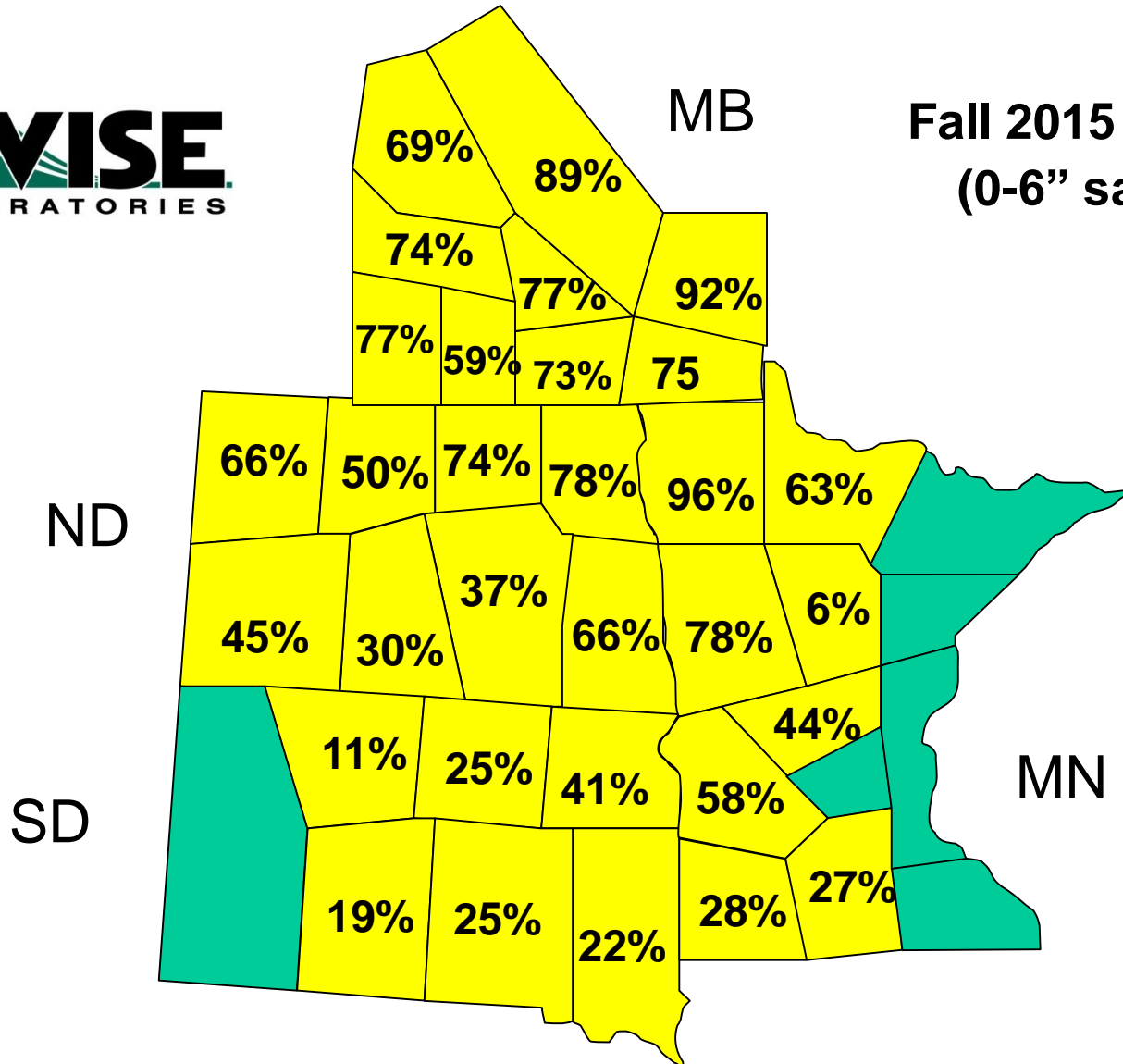
% Soil Samples with Boron less than 0.4 ppm



% Soil Samples with Soil pH greater than 7.3



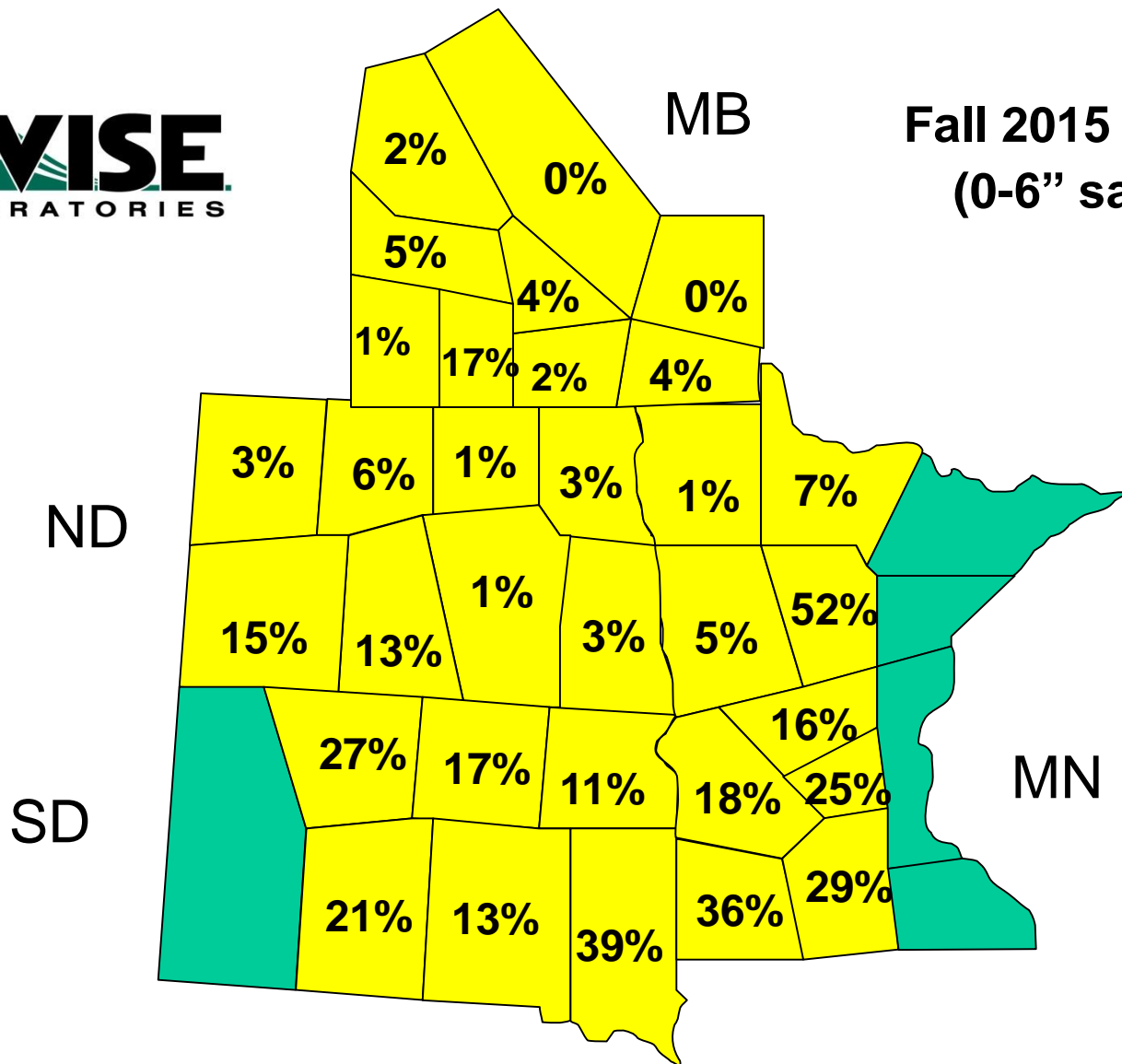
Fall 2015 samples
(0-6" samples)



% Soil Samples with Soil pH less than 6.0



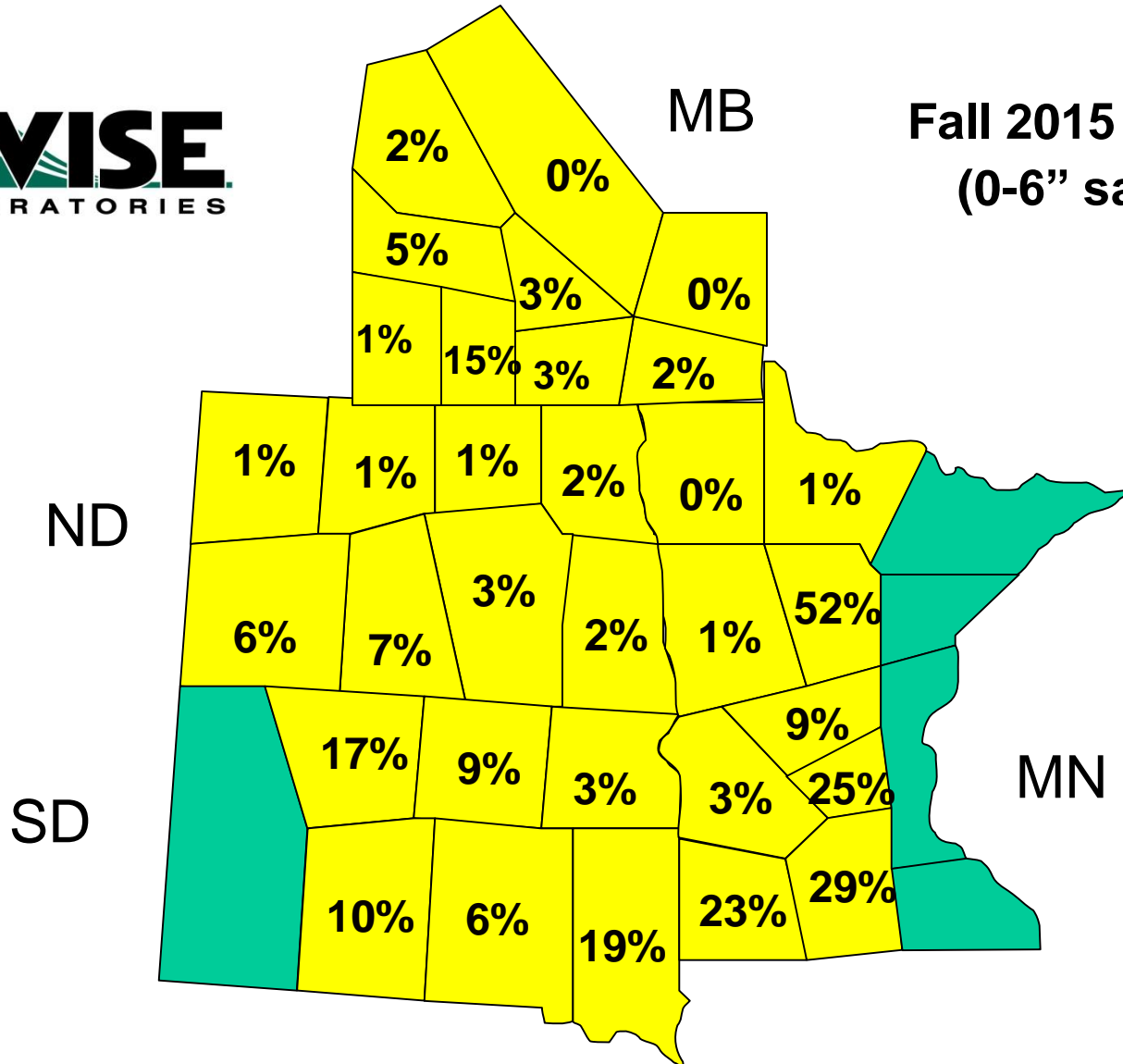
Fall 2015 samples
(0-6" samples)



% Subsoil Samples with pH less than 7.0



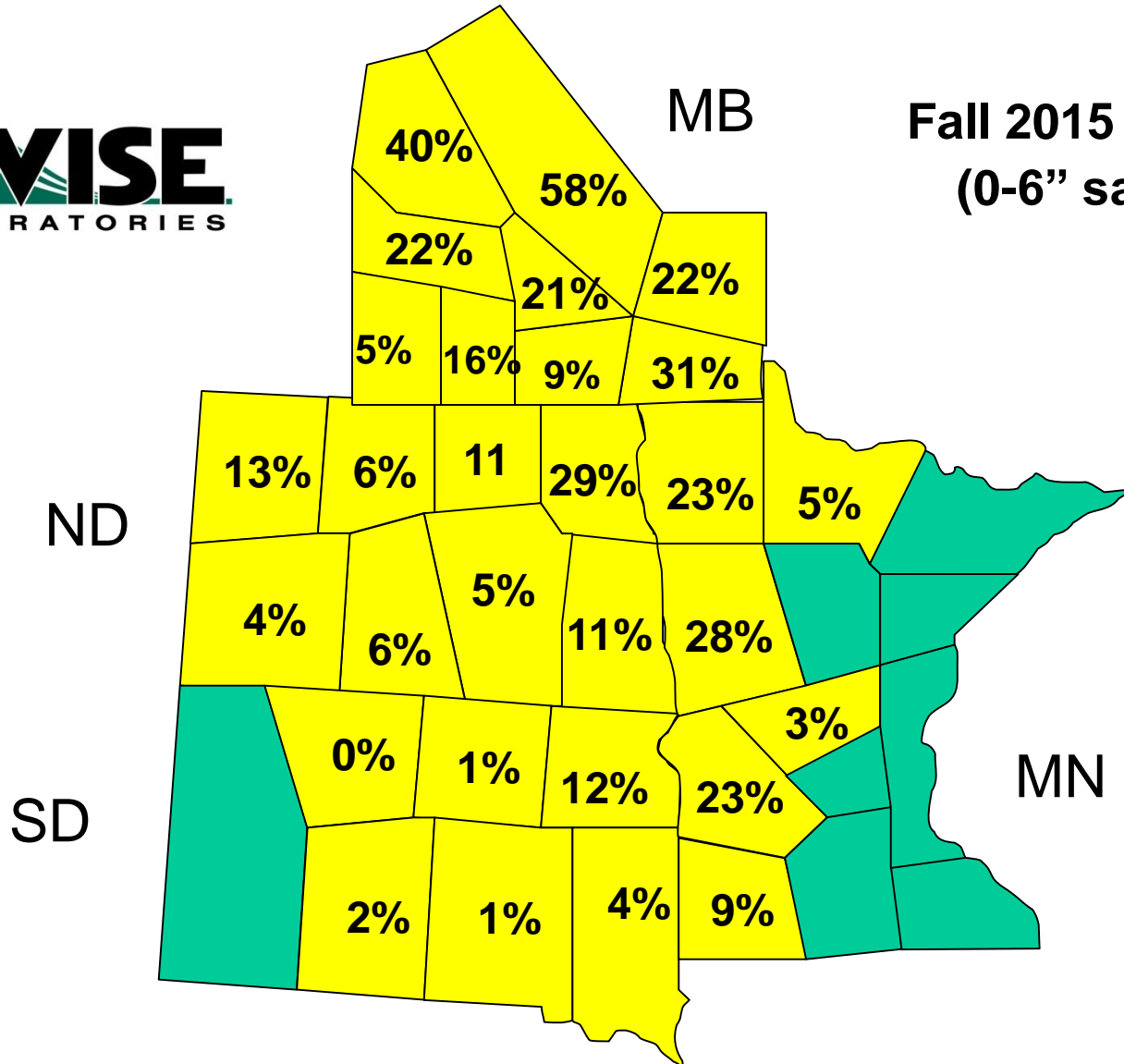
Fall 2015 samples
(0-6" samples)



% Soil Samples with Carbonate greater than 5.0%



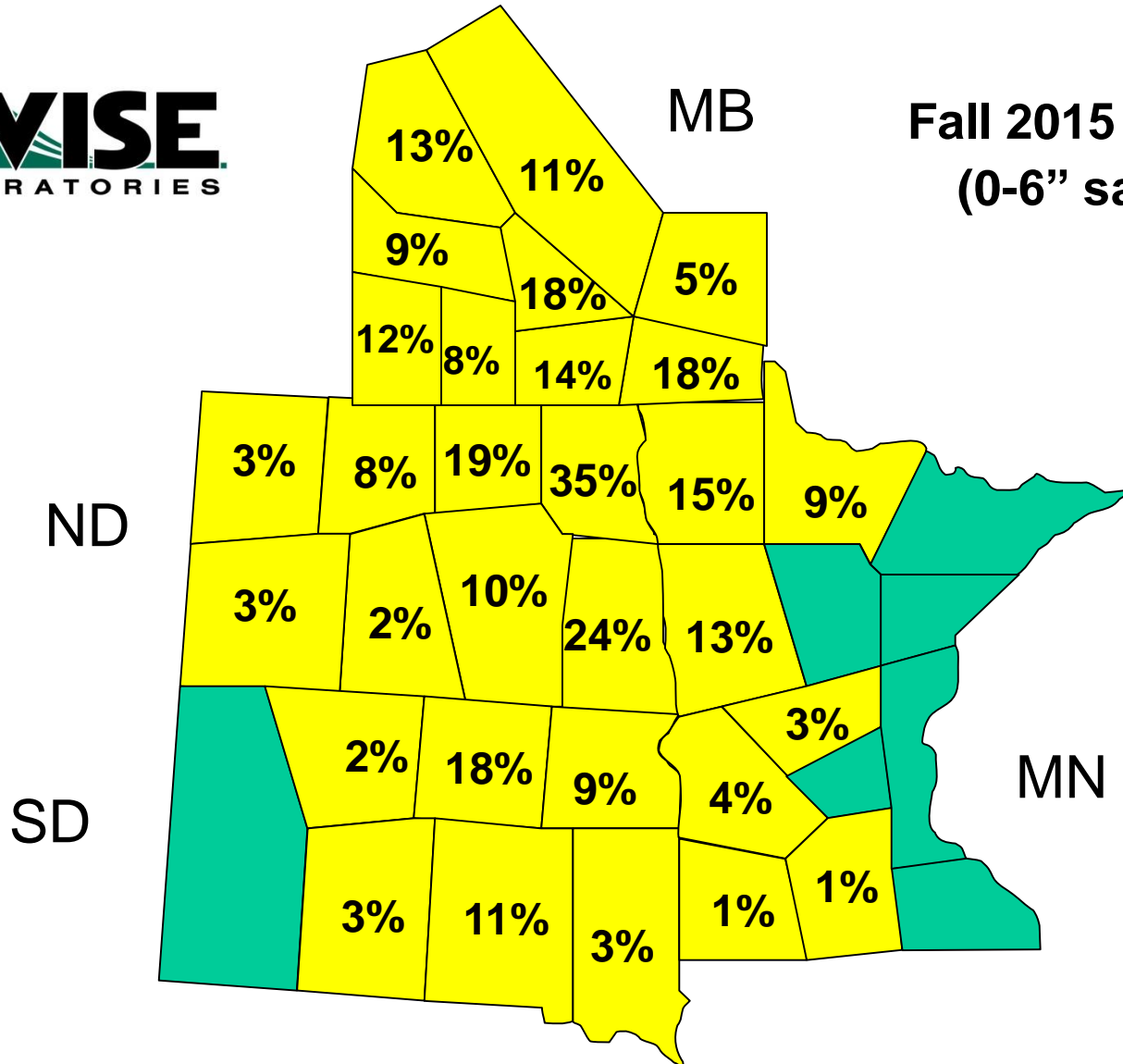
Fall 2015 samples
(0-6" samples)



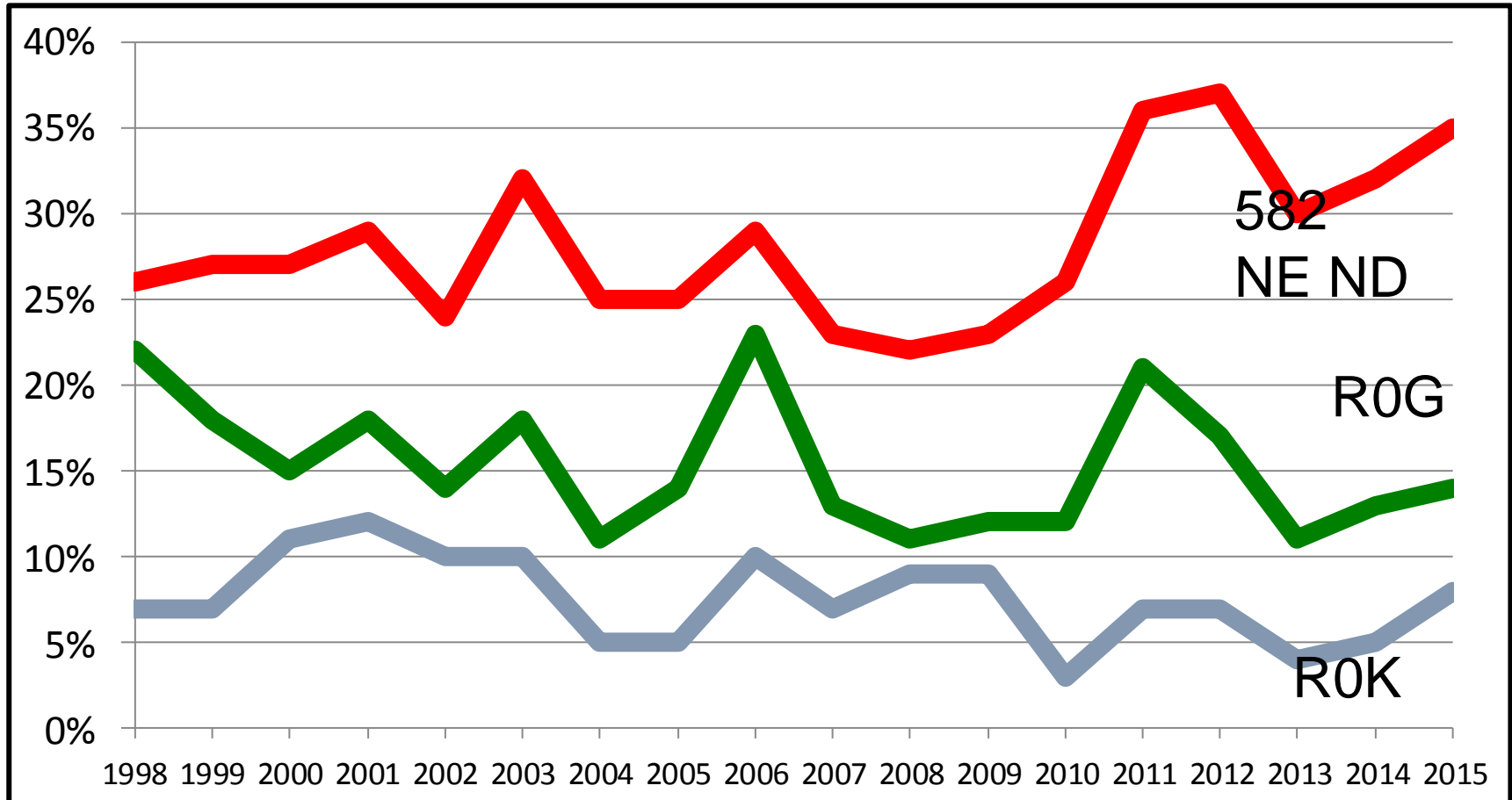
% Soil Samples with Salts greater than 1.0



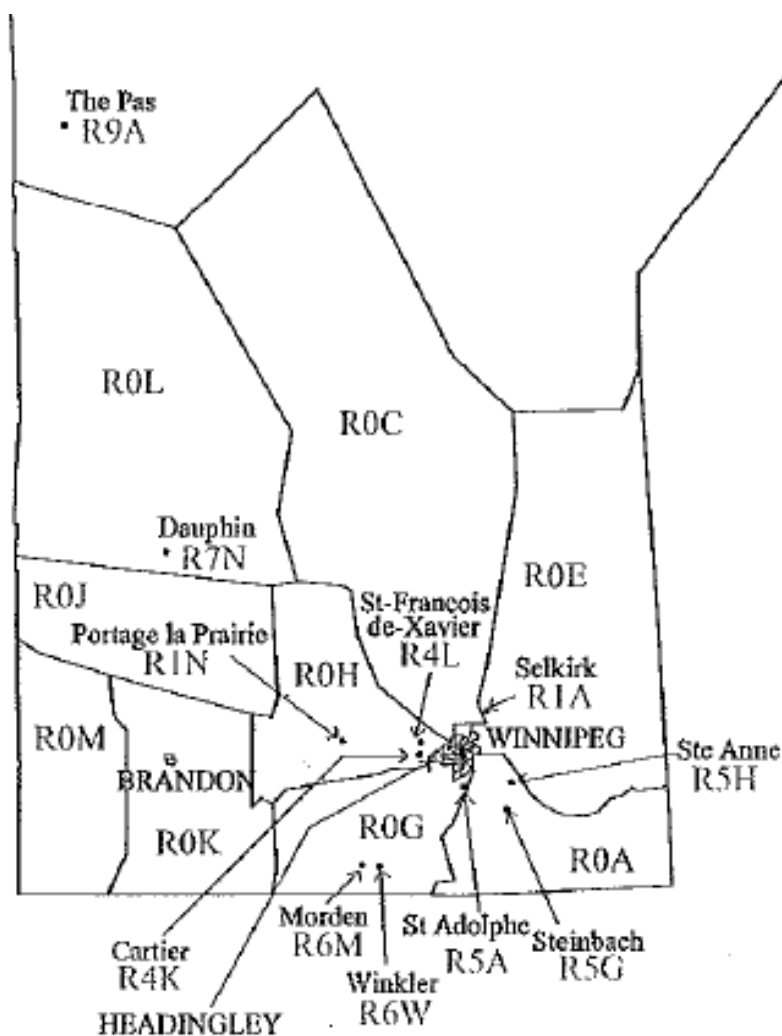
Fall 2015 Samples
(0-6" samples)



Manitoba - % Samples Testing with Salts greater than 1.0



1:1 salt method – expressed as mmhos/cm



| Municipality Municipalité | FSA RTA | Page |
|------------------------------|---|------|
| BRANDON | R7A, R7B, R7C | 96 |
| HEADINGLEY | R4H, R4J | 97 |
| WINNIPEG | R2C, R2E, R2G, R2H, R2J, R2K, R2L, R2M, R2N, R2P, R2R, R2V, R2W, R2X, R2Y, R3A, R3B, R3C, R3E, R3G, R3H, R3J, R3K, R3L, R3M, R3N, R3P, R3R, R3S, R3T, R3V, R3W, R3X, R3Y, R4A | 98 |

SCALE / ÉCHELLE 1:7 000 000

Km 50 0 50 100 150 Km

248170