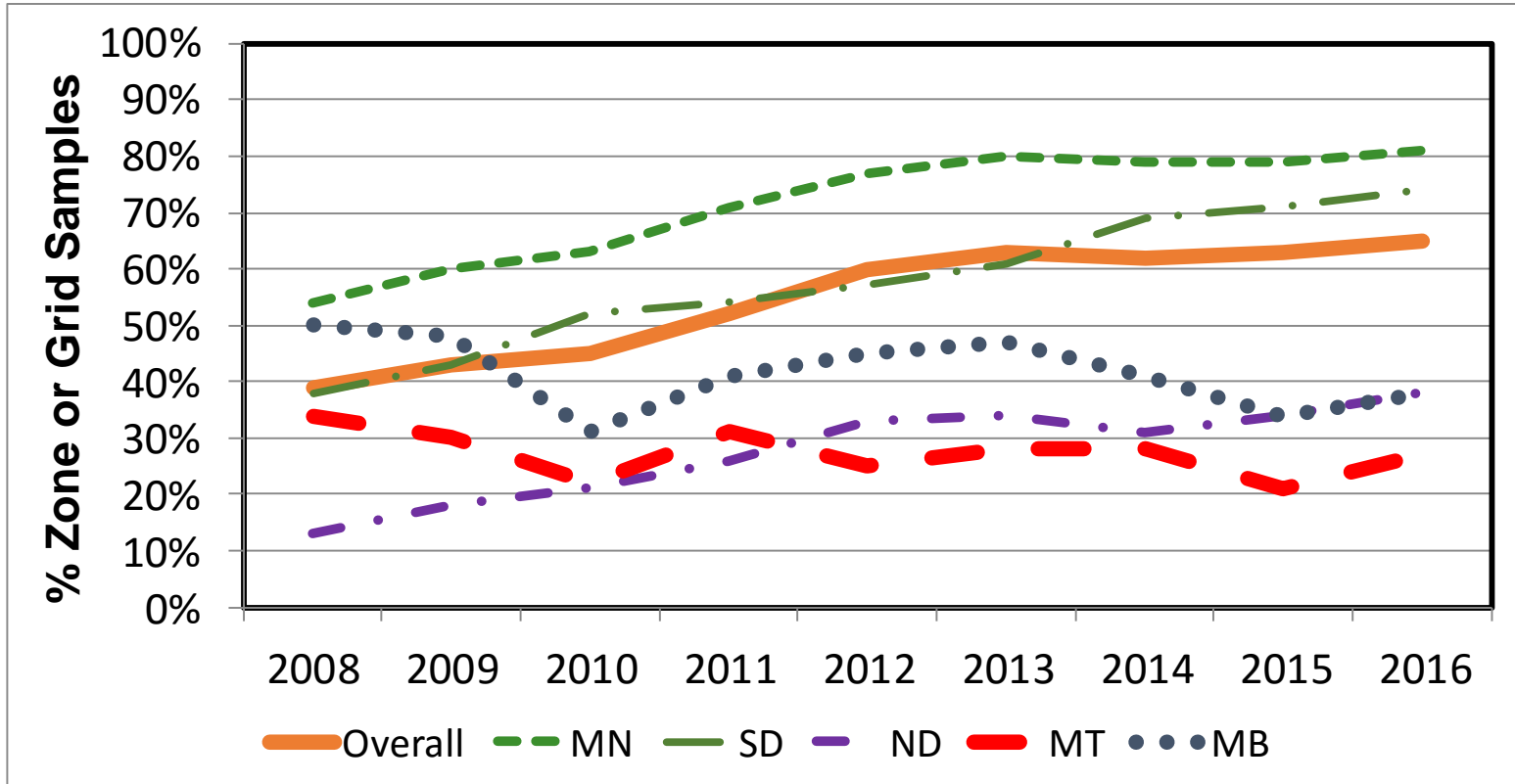


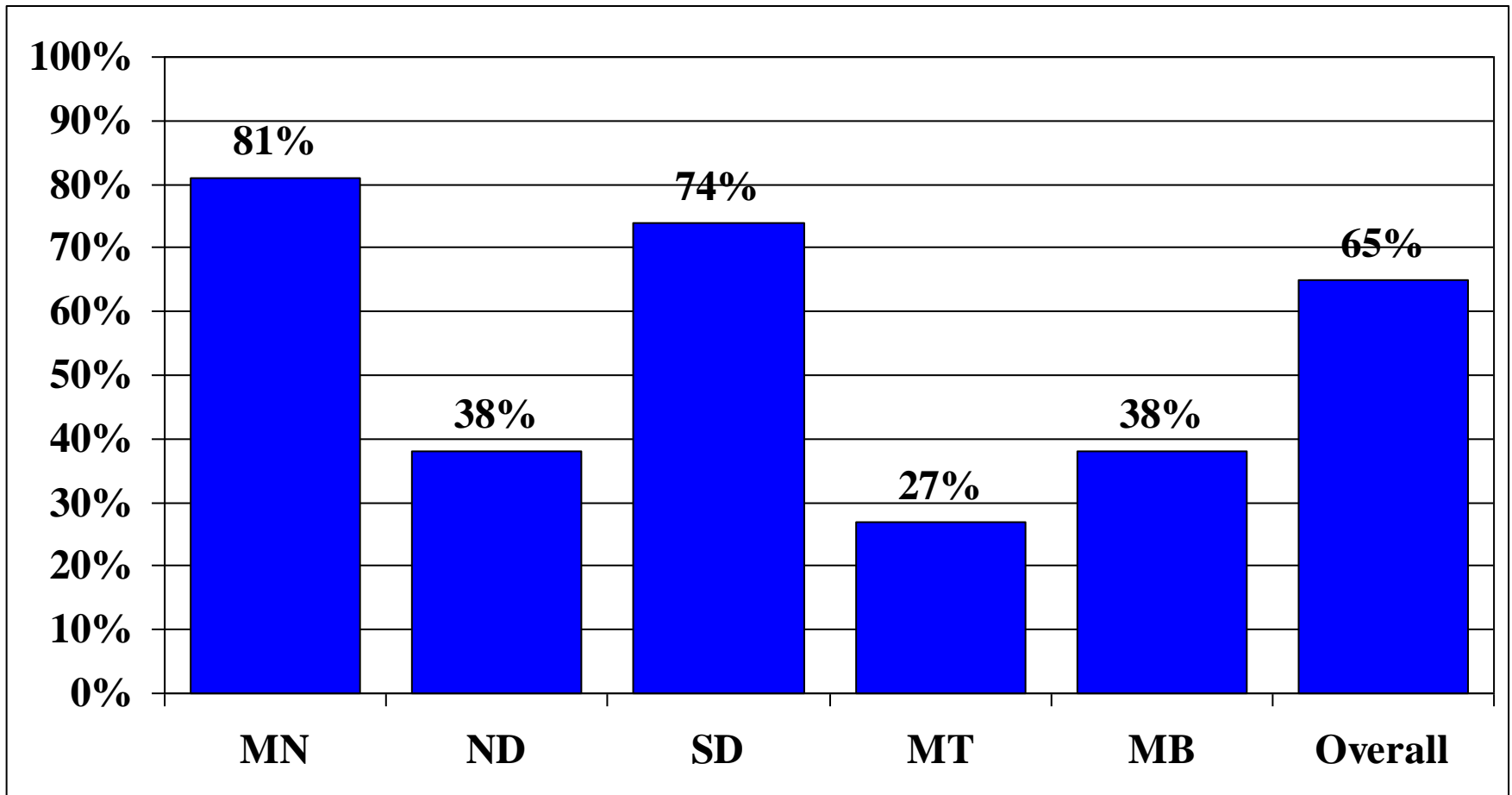
Trend for Precision Soil Testing

% Zone or Grid Samples Tested compared to Total Samples



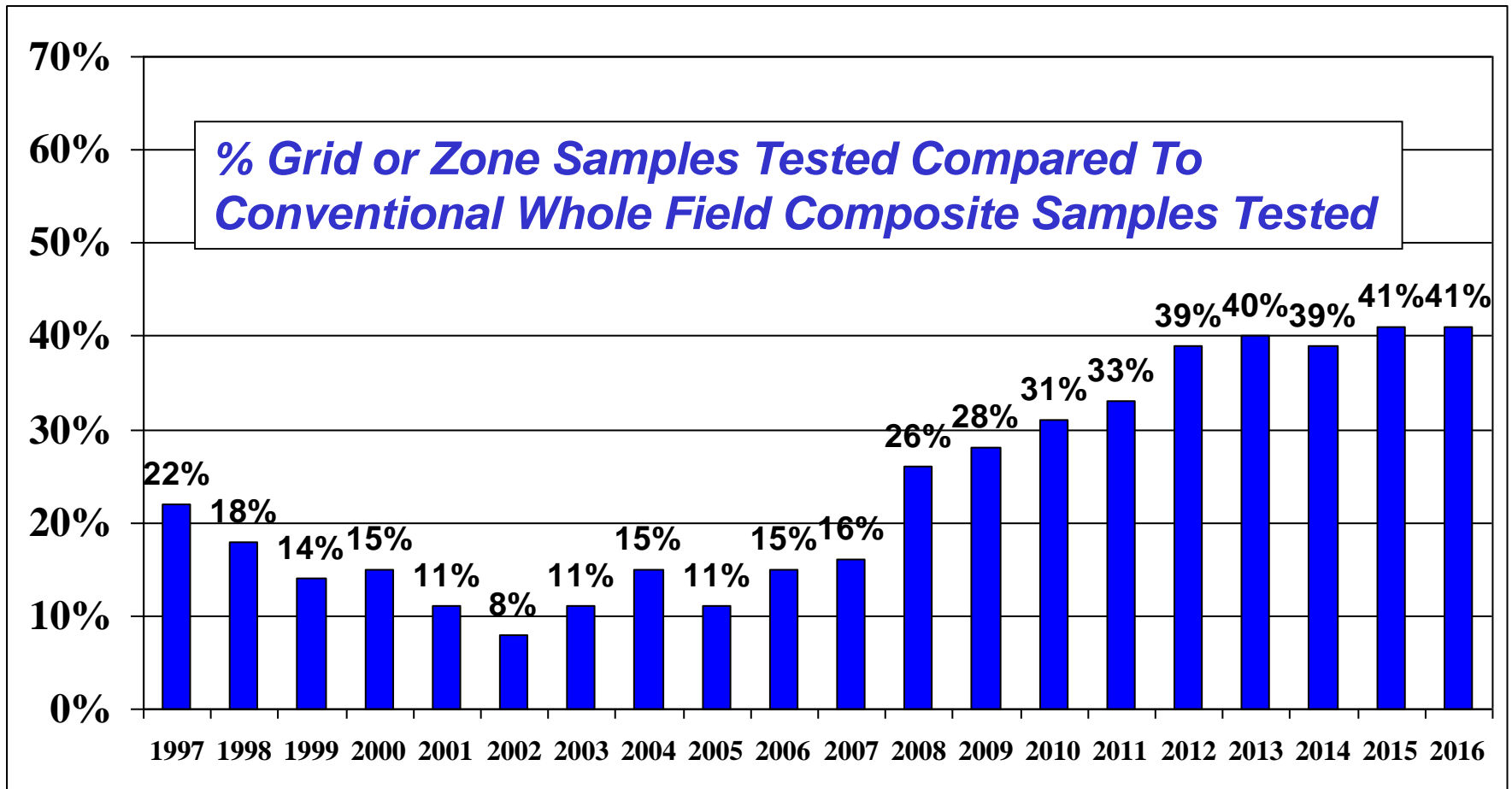


%Zone or Grid Samples Tested Compared to Conventional Whole Field Composite Samples in 2016



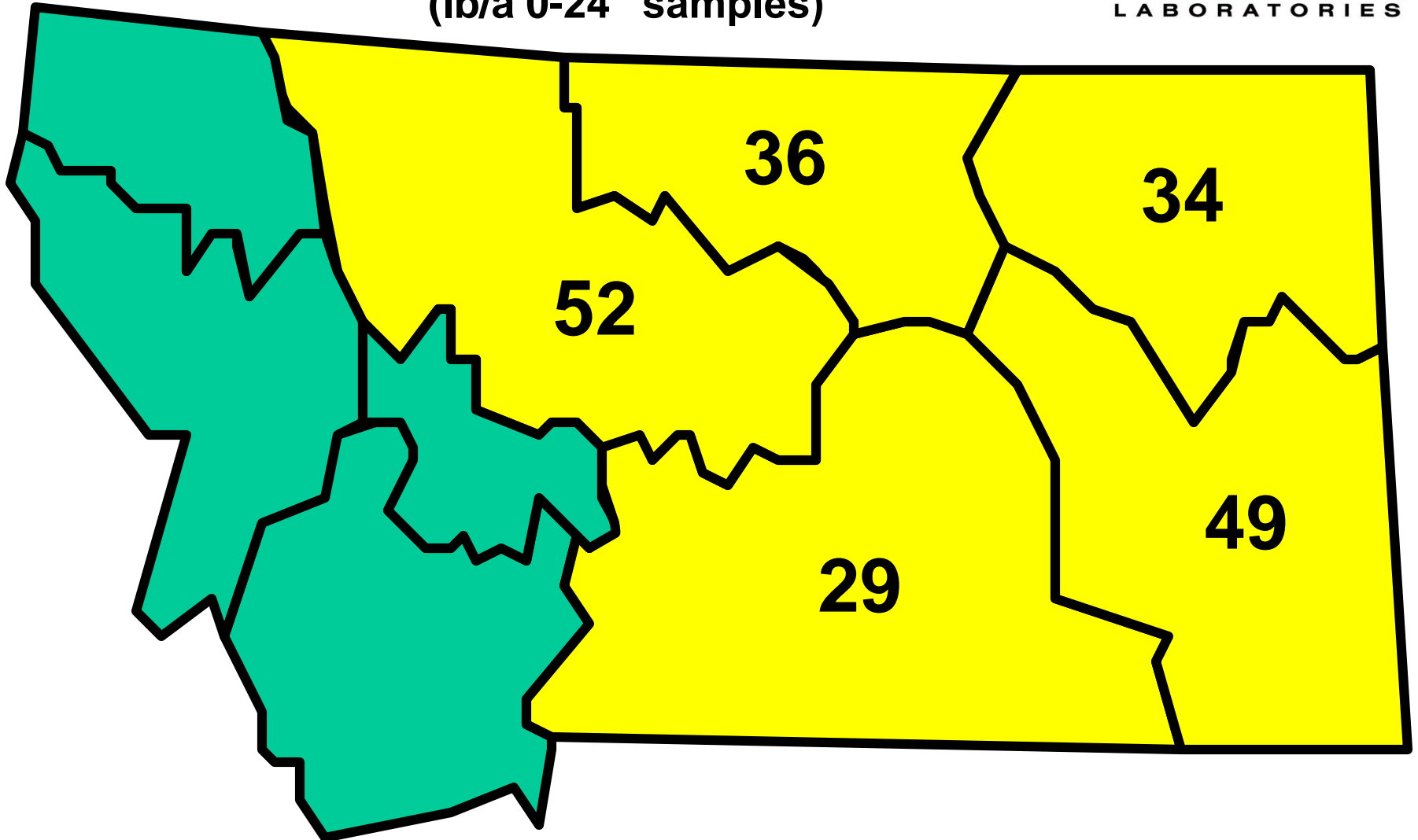
AGVISE Laboratories

***%Zone or Grid Samples – Northwood laboratory
1997 - 2016***

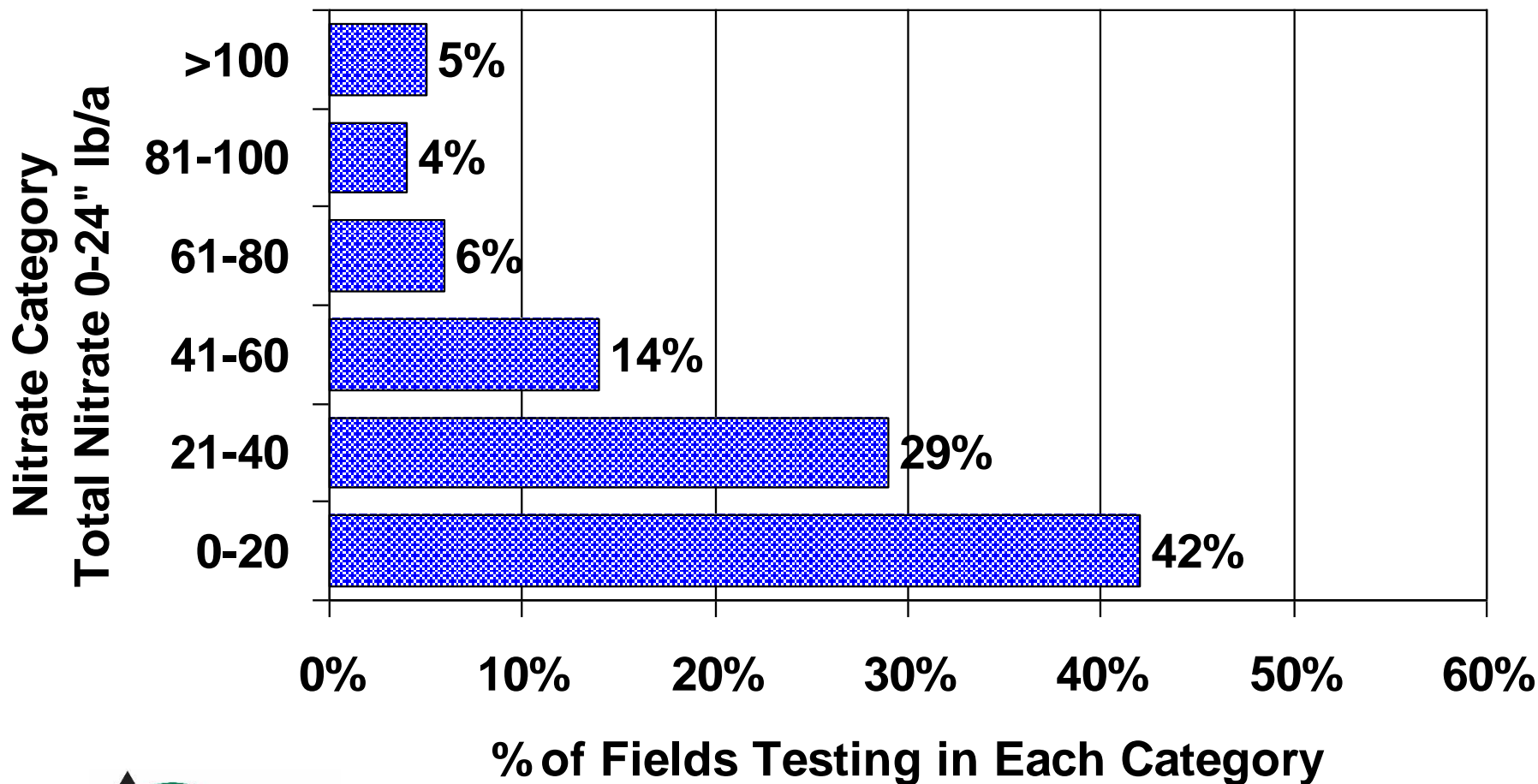


Average Soil Nitrate following Wheat in 2016

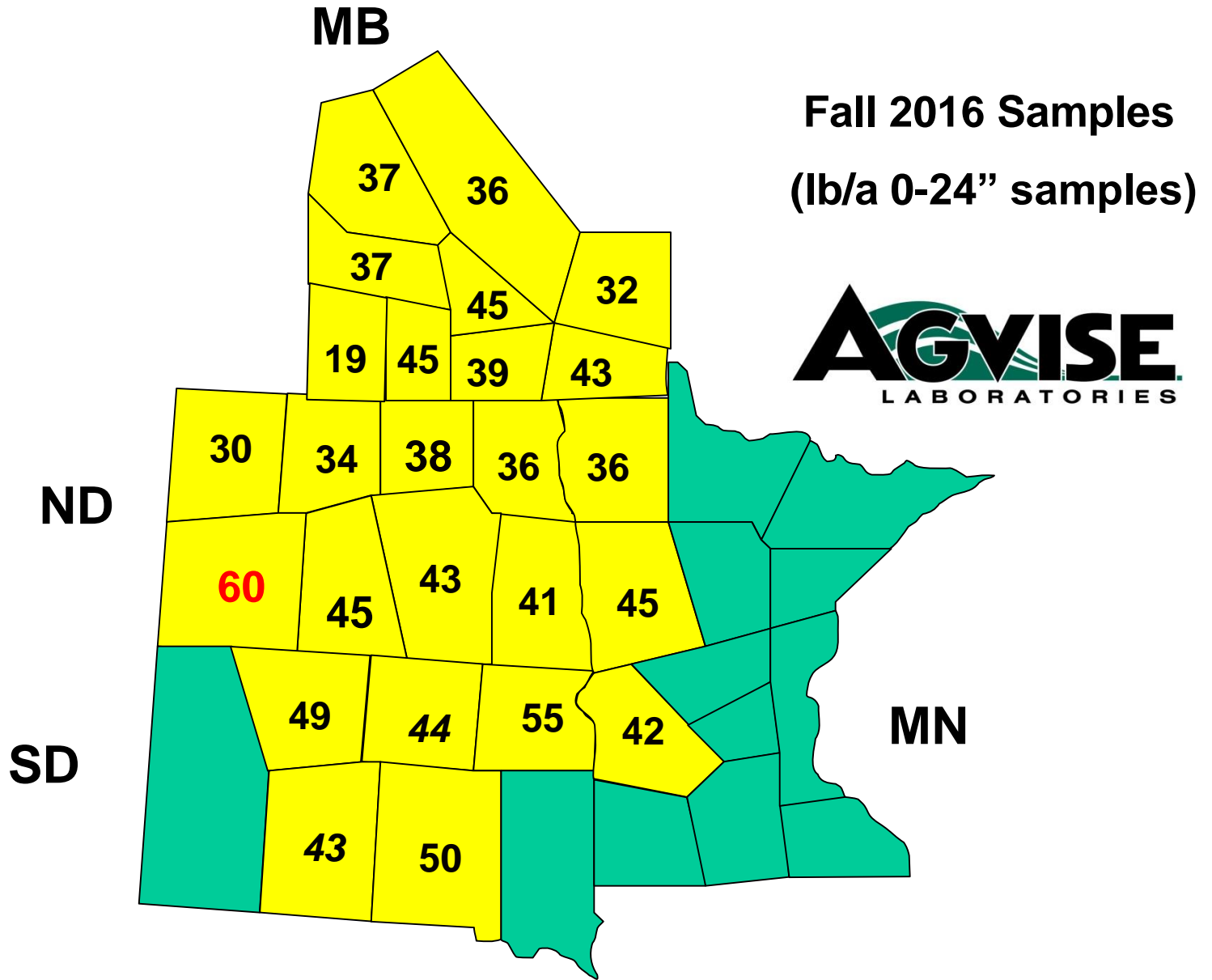
Fall 2016 samples
(lb/a 0-24" samples)



Soil Nitrate Variability Between Fields Following "WHEAT" in Montana - 2016

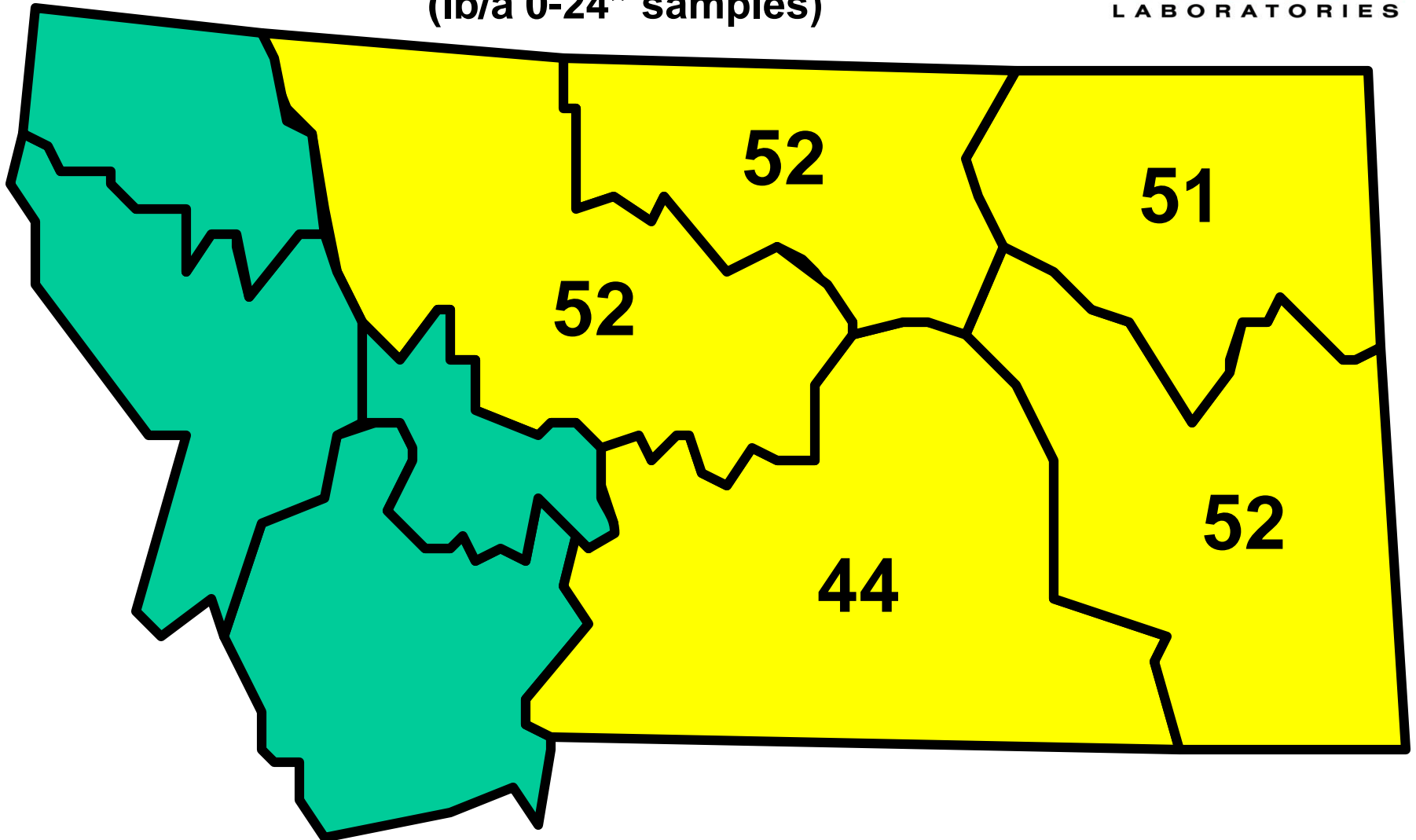


Average Soil Nitrate following Wheat in 2016

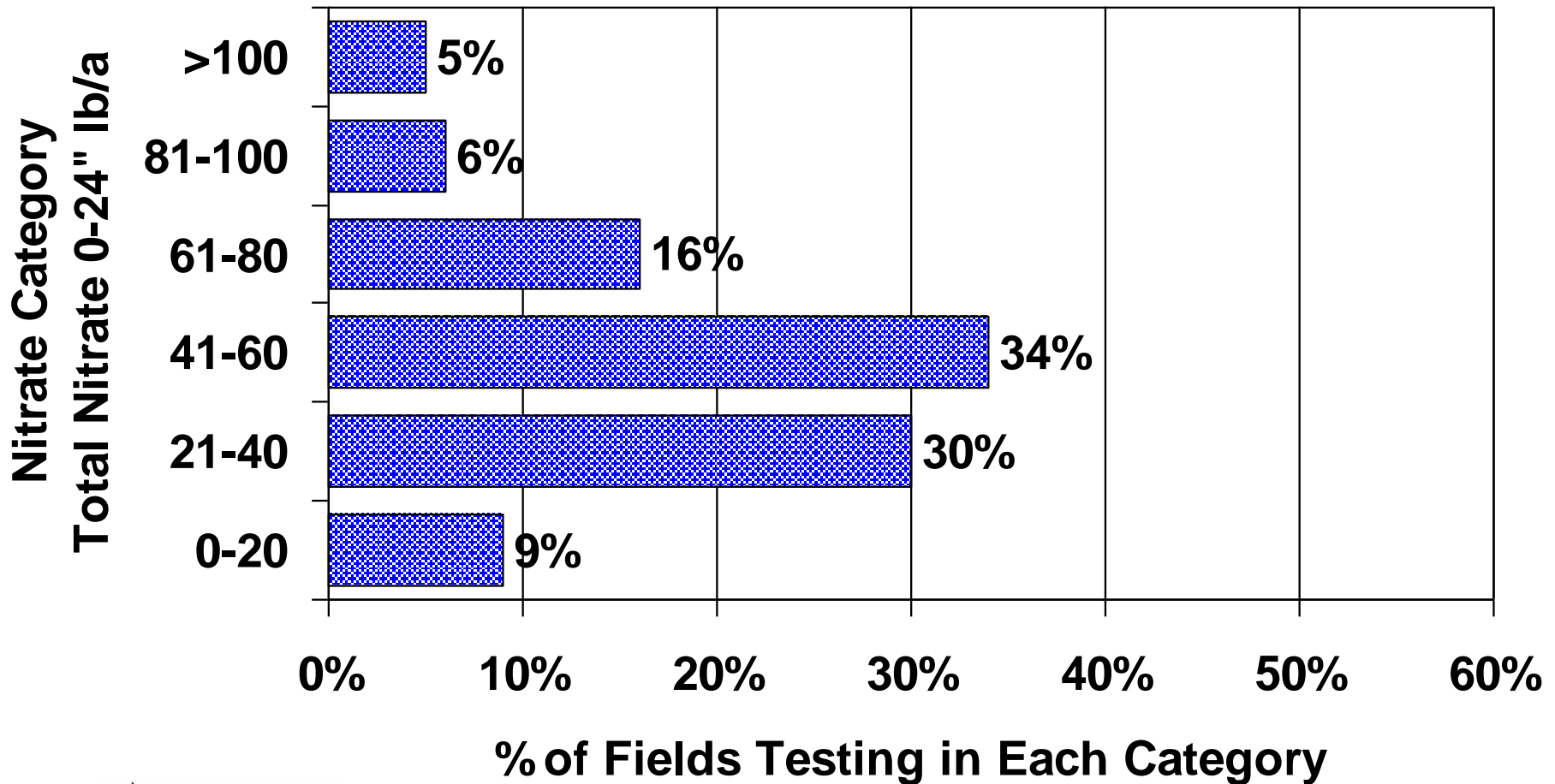


Average Soil Nitrate following "Fallow" in 2016

Fall 2016 samples
(lb/a 0-24" samples)

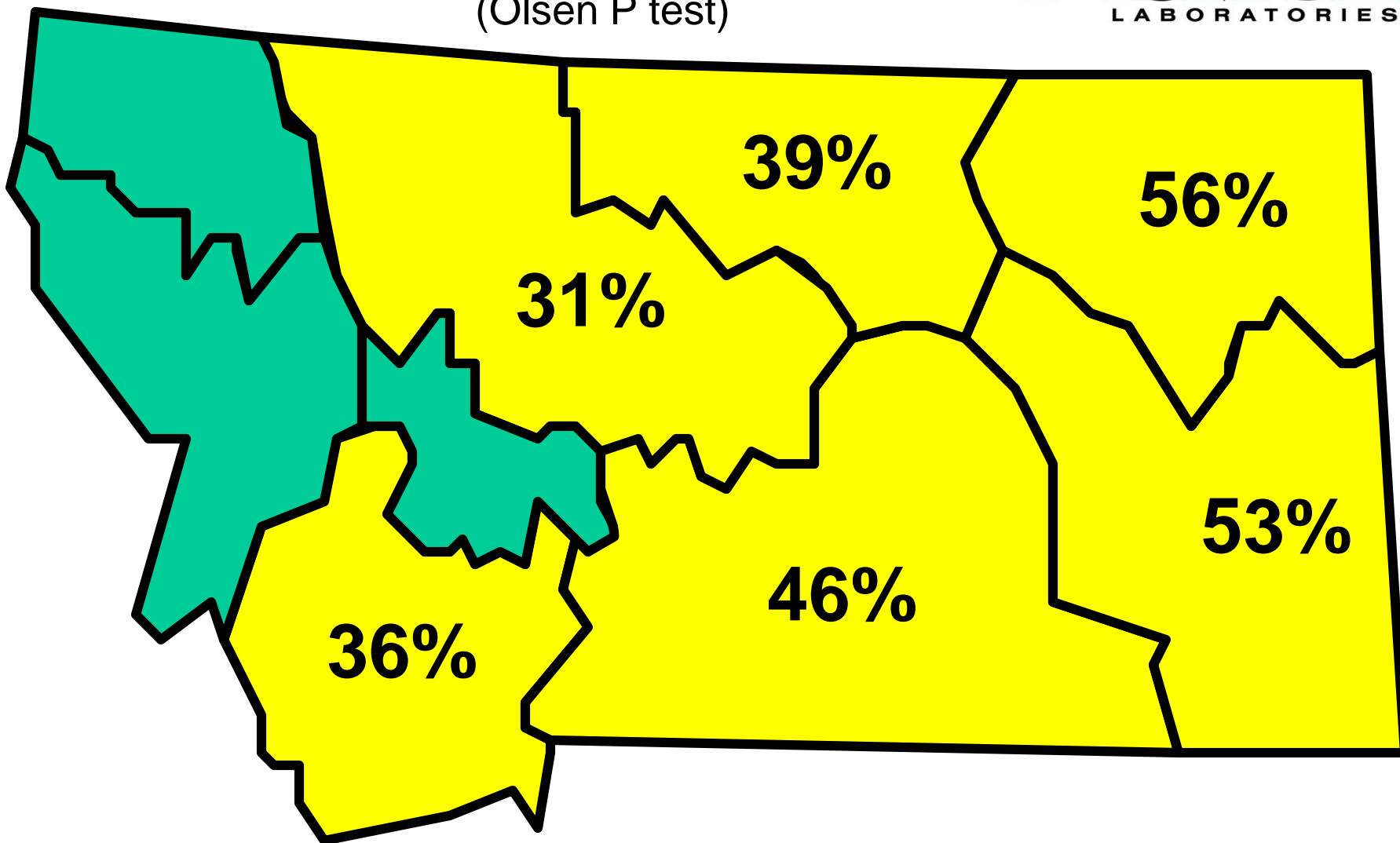


Soil Nitrate Variability Between Fields Following “Fallow” in Montana - 2016



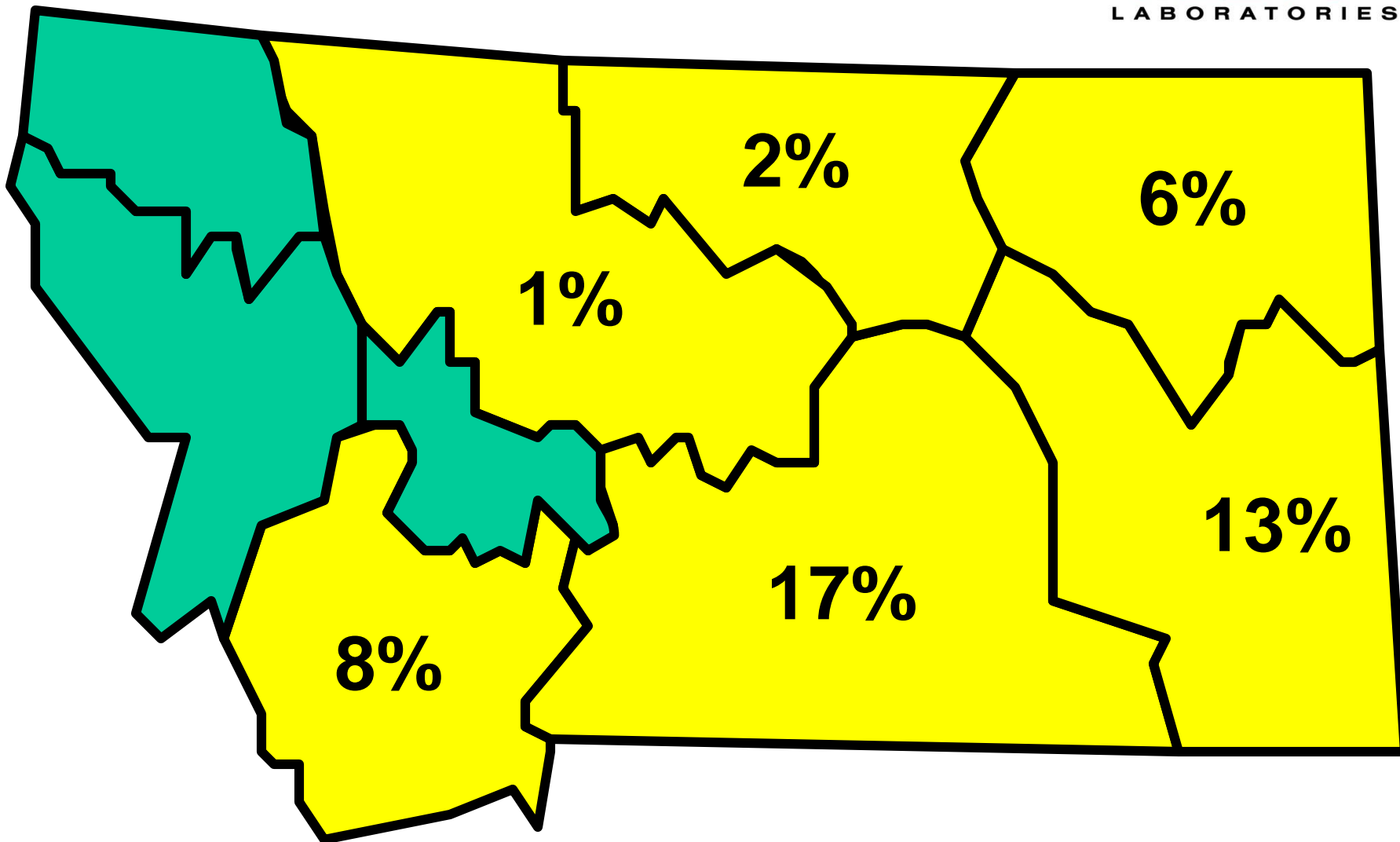
% Soil Samples with Phosphorus less than 10 ppm

Fall 2016 samples (0-6")
(Olsen P test)



% Soil Samples with Potassium less than 150 ppm

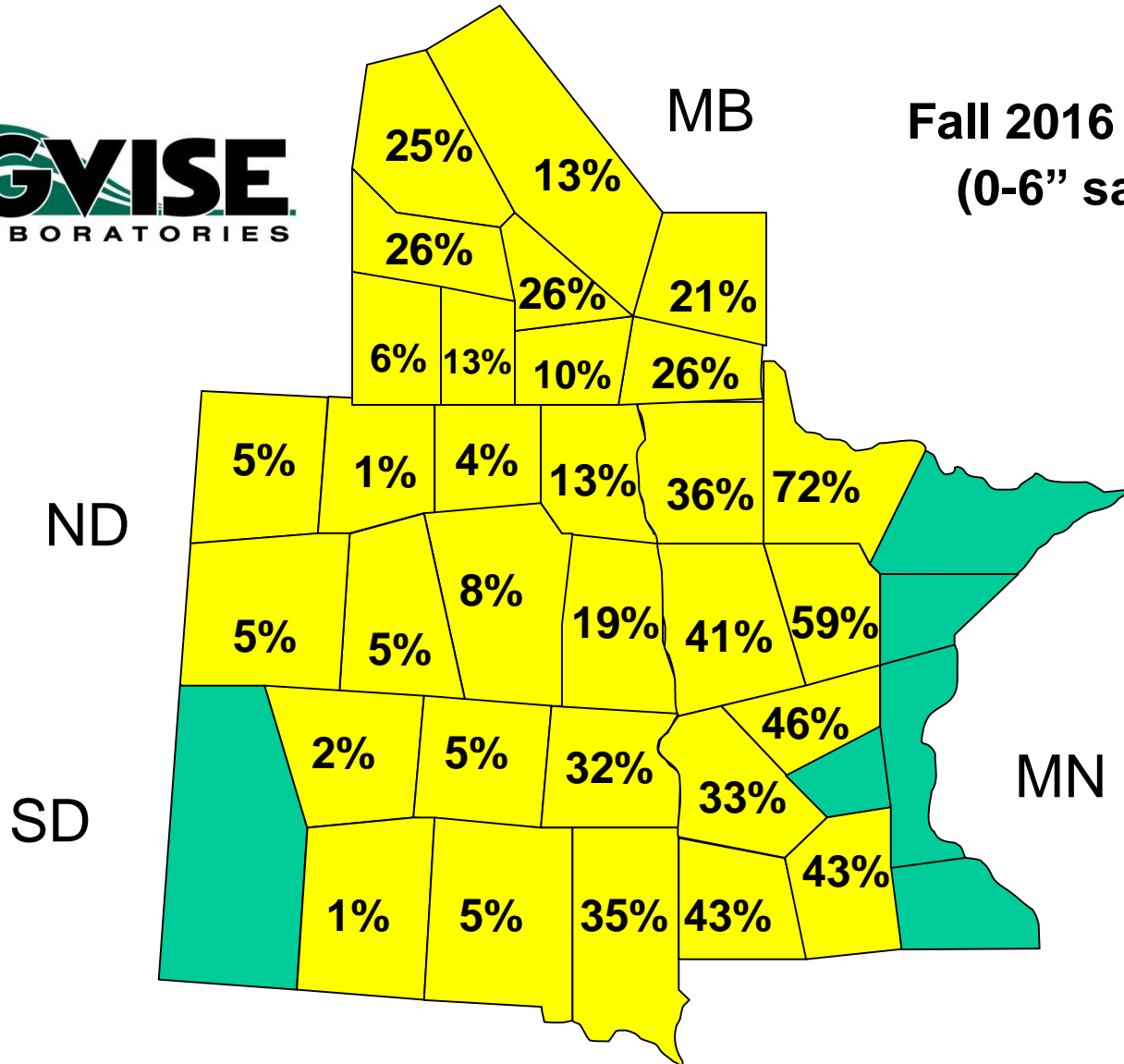
Fall 2016 samples (0-6")



% Soil Samples with Potassium less than 150 ppm

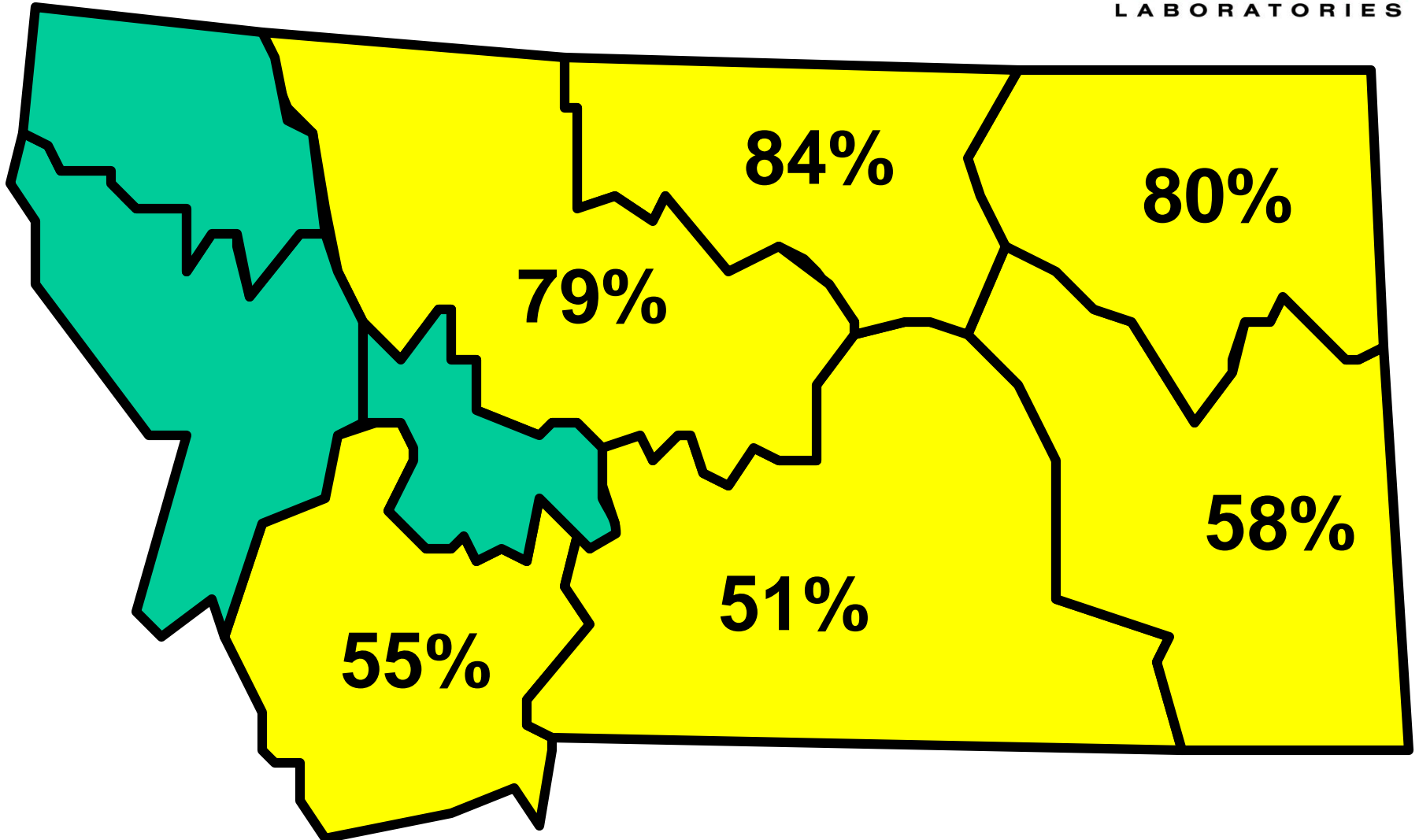


Fall 2016 samples
(0-6" samples)



% Soil Samples with Zinc less than 1.0 ppm

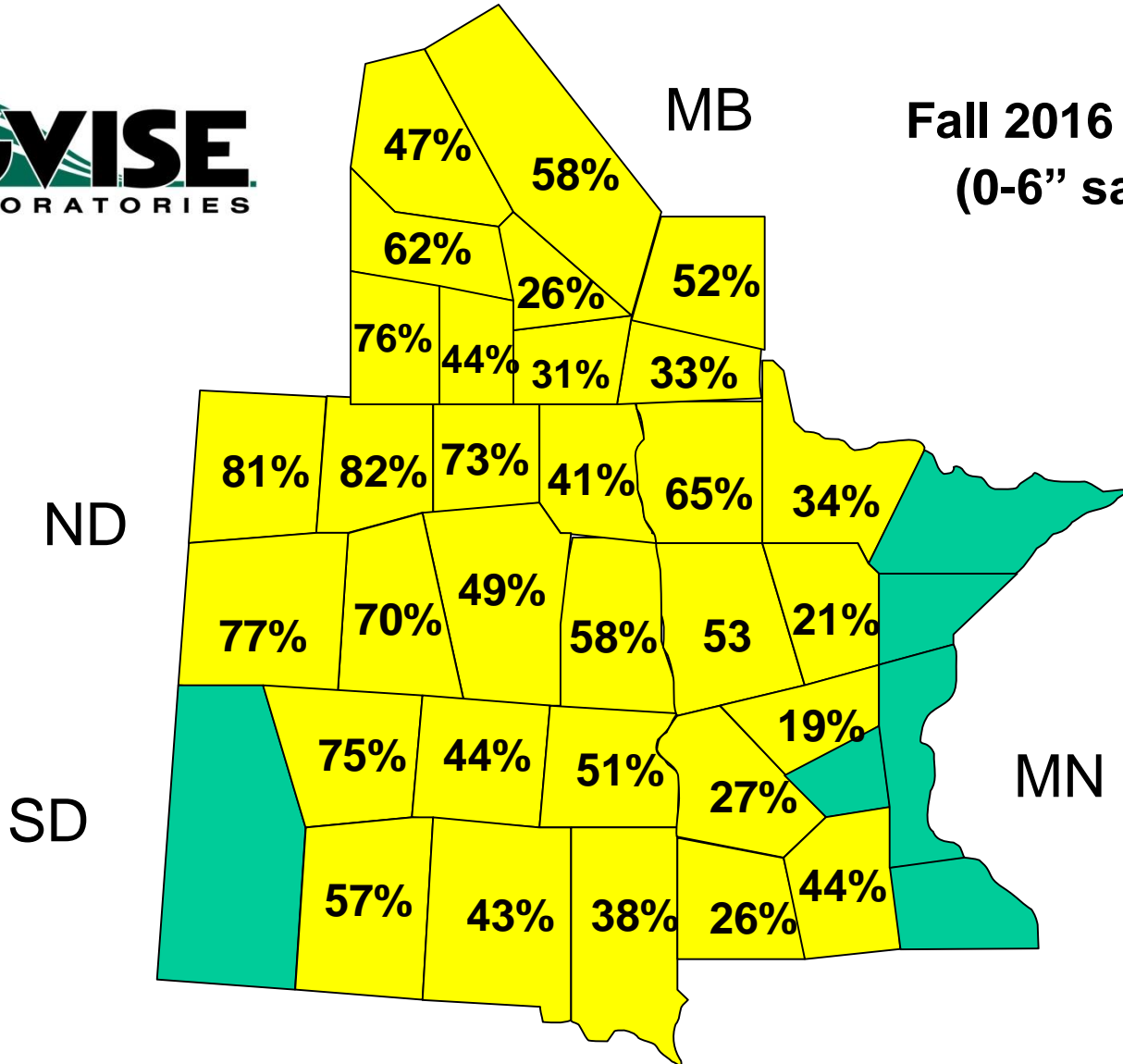
Fall 2016 samples (0-6")



% Soil Samples with Zinc less than 1.0 ppm

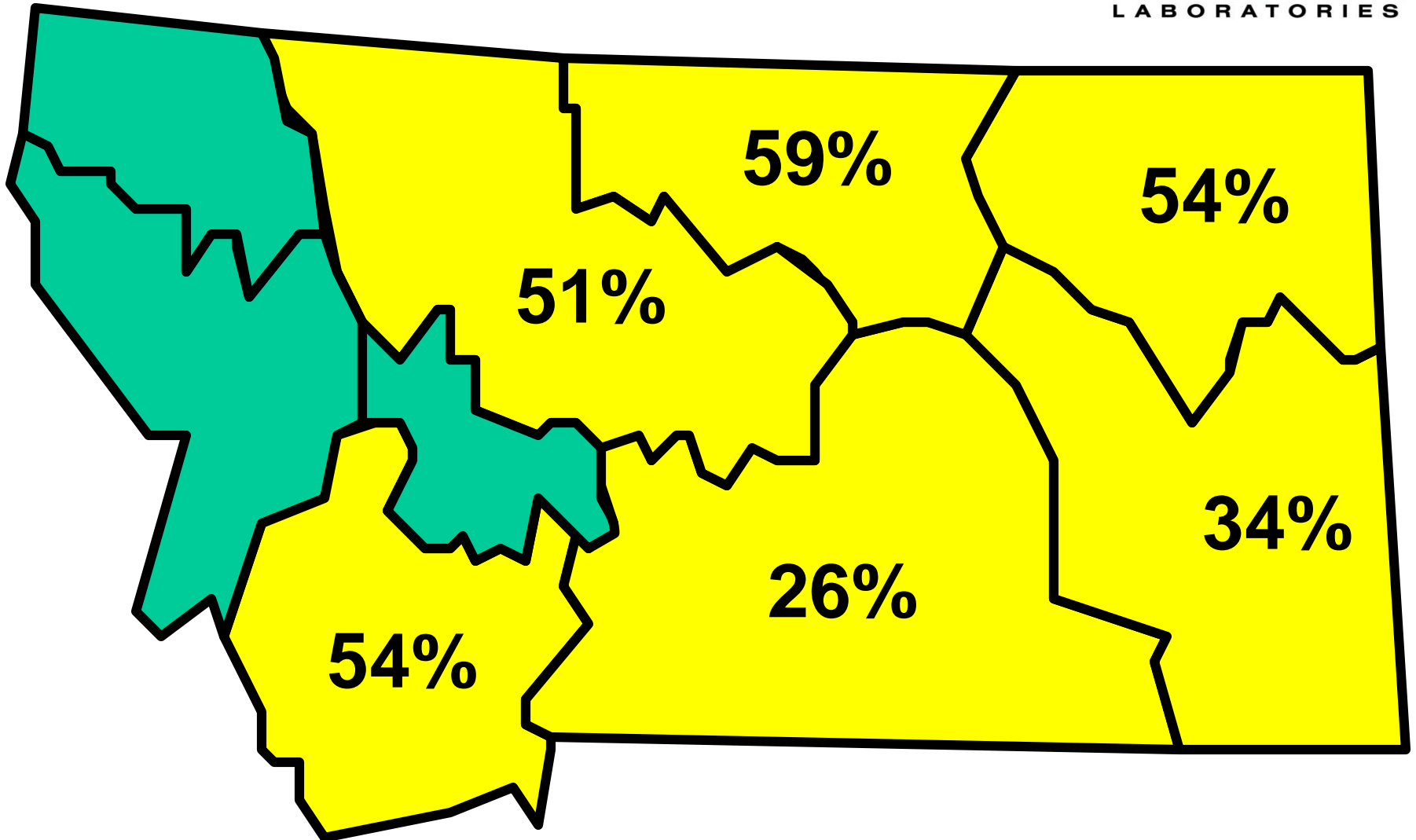


Fall 2016 samples
(0-6" samples)



% Soil Samples with Sulfur less than 15 lb/a

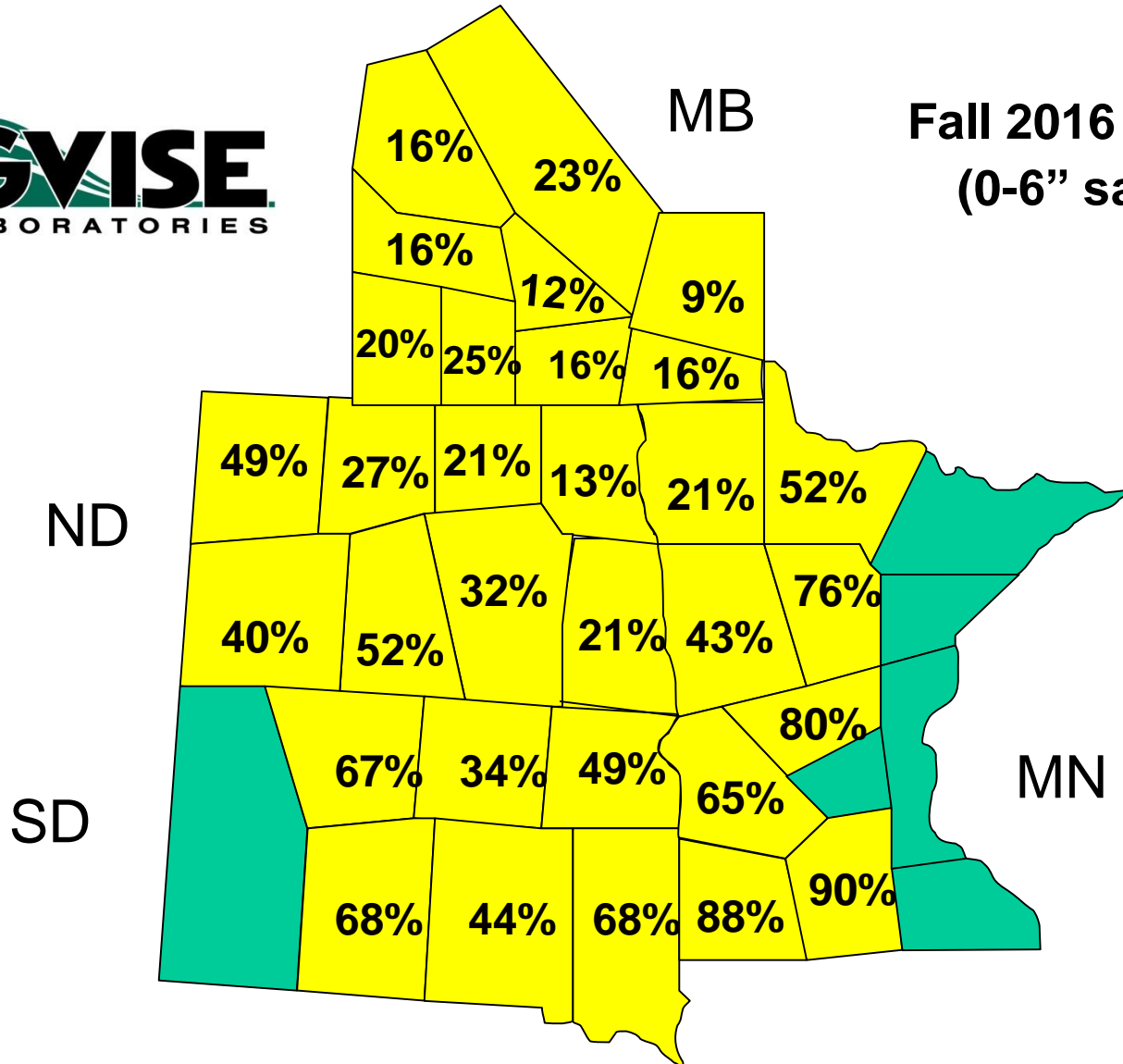
Fall 2016 samples (0-6")



% Soil Samples with Sulfur less than 15 lb/a

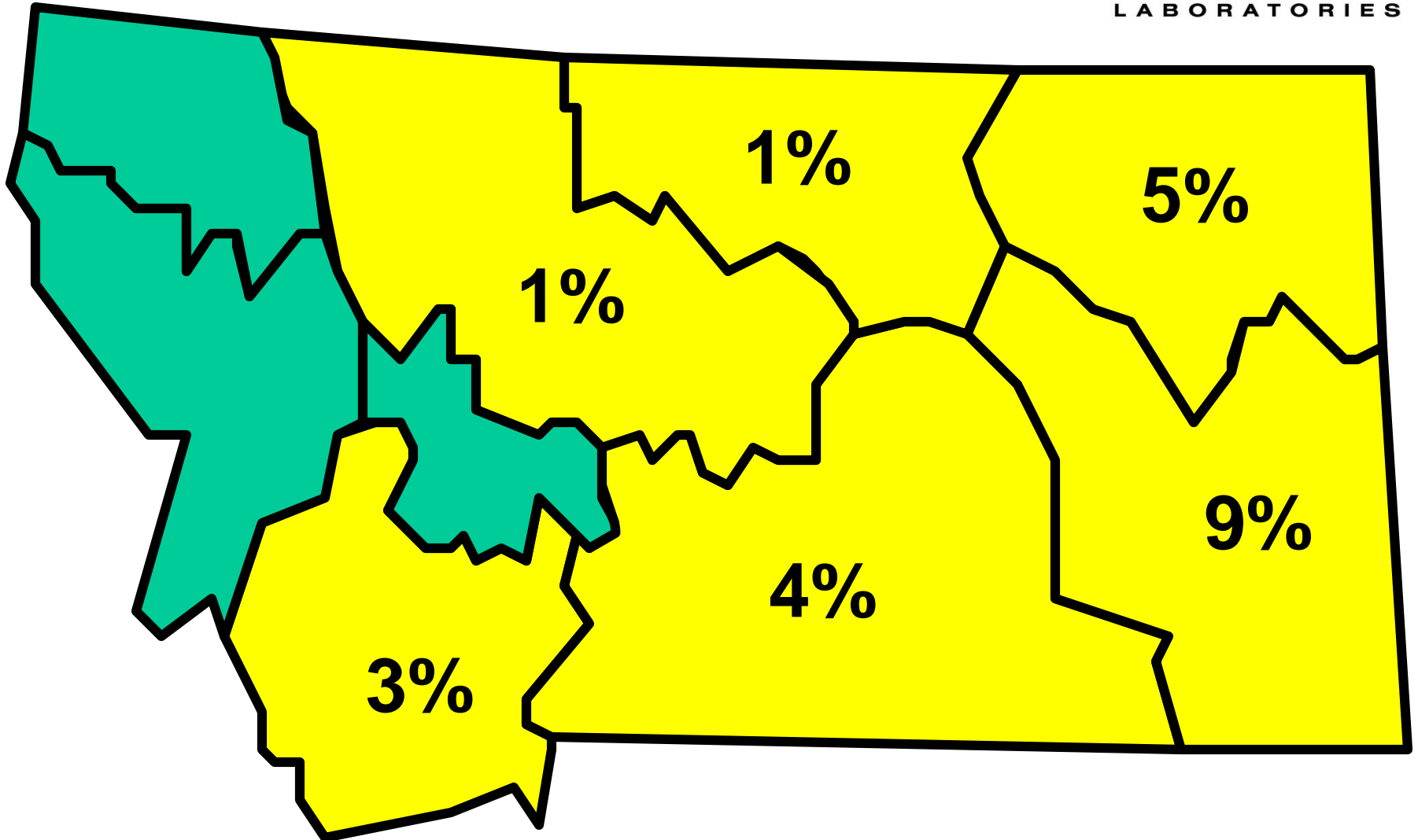


Fall 2016 samples
(0-6" samples)



% Soil Samples with Copper less than 0.5 ppm

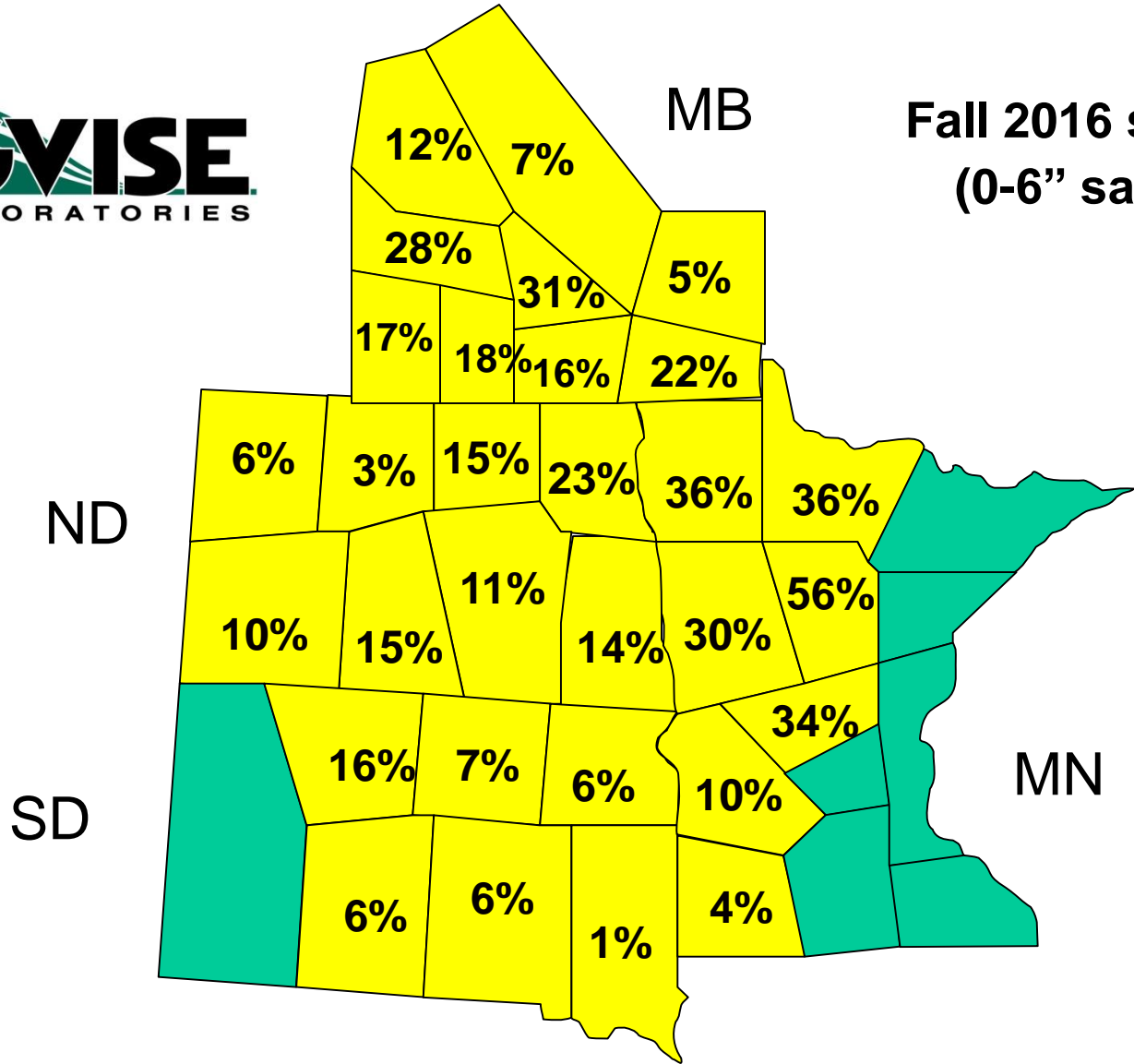
Fall 2016 samples (0-6")



% Soil Samples with Copper less than 0.5 ppm

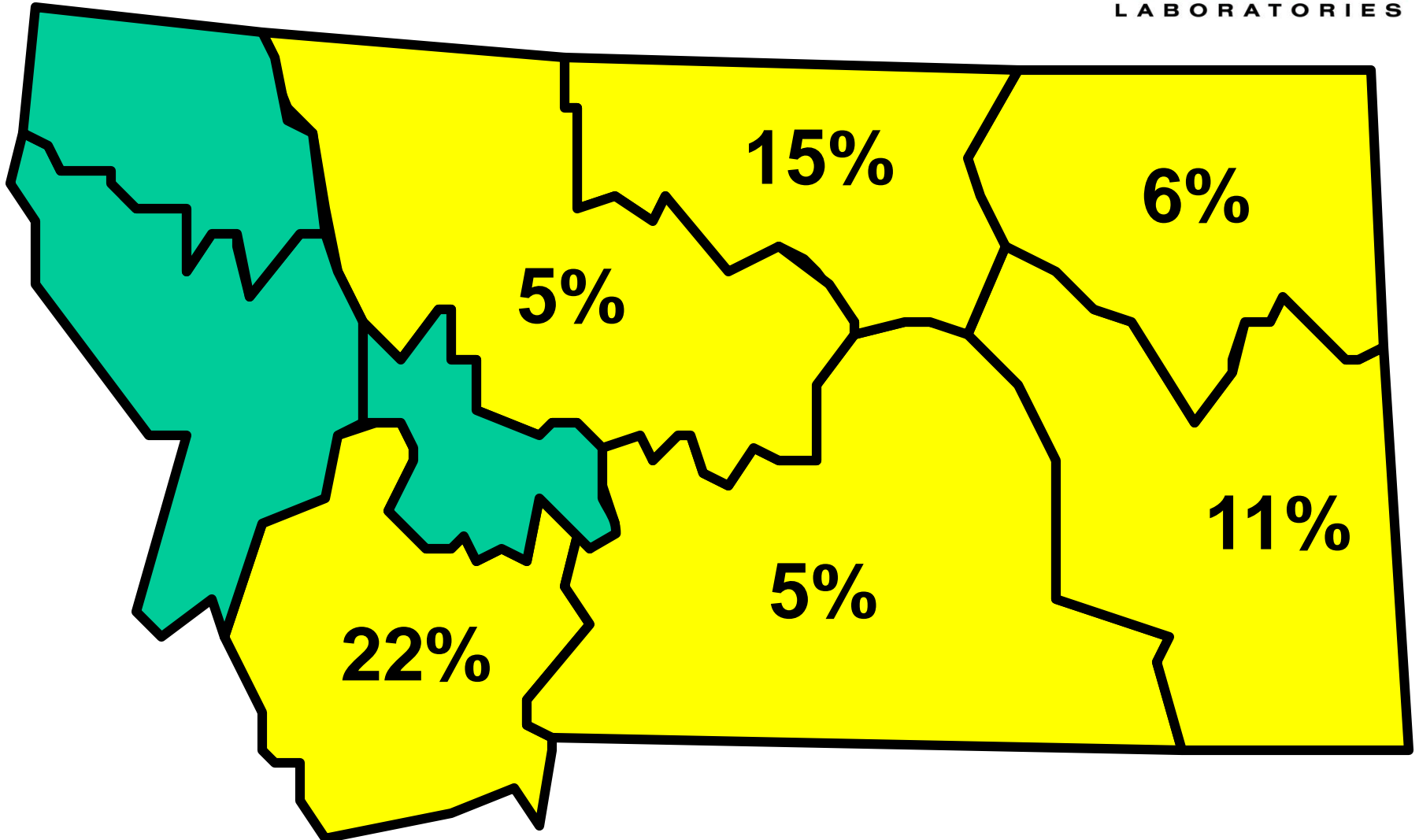


Fall 2016 samples
(0-6" samples)



% Soil Samples with Boron less than 0.4 ppm

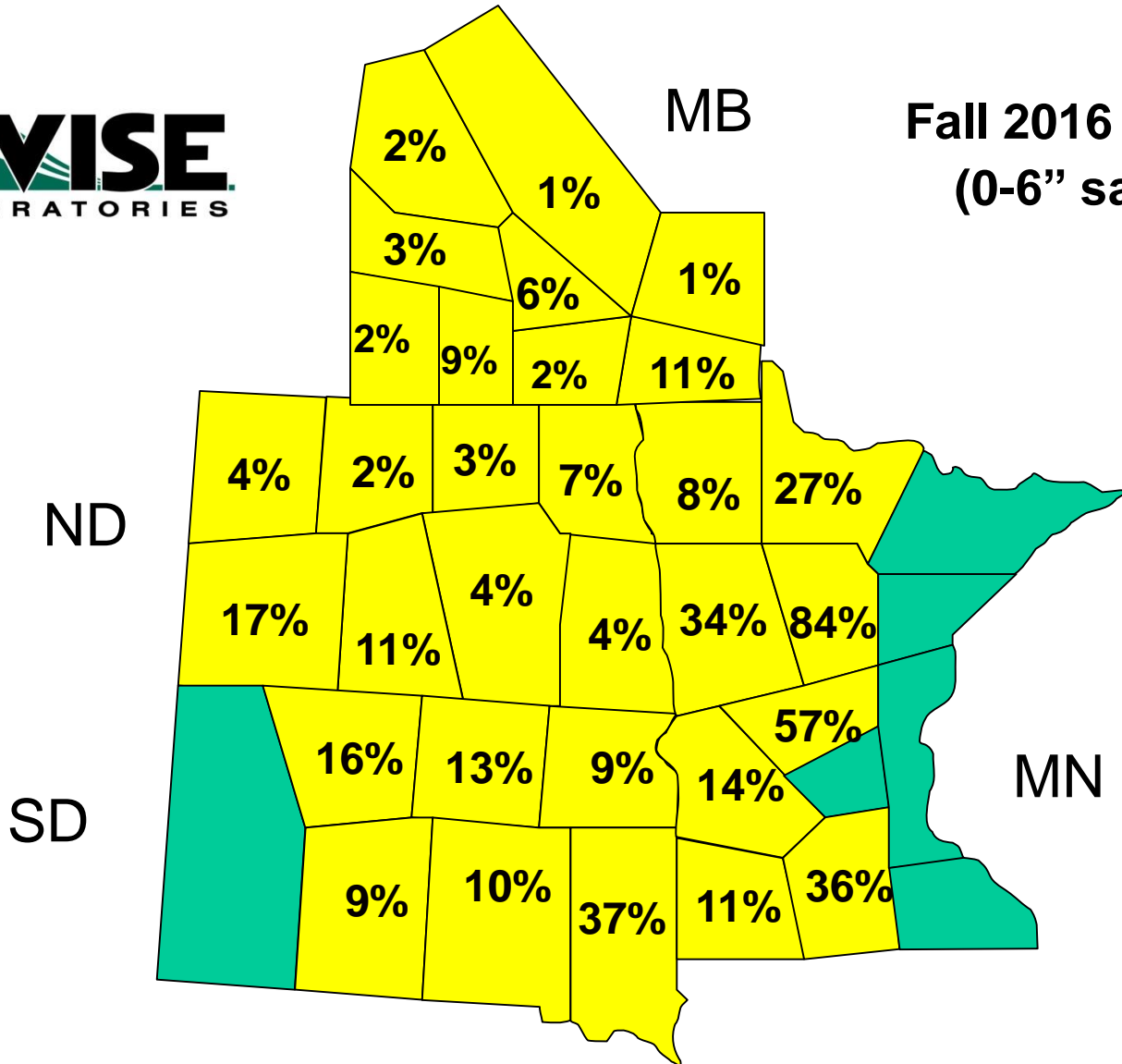
Fall 2016 samples (0-6")



% Soil Samples with Boron less than 0.4 ppm

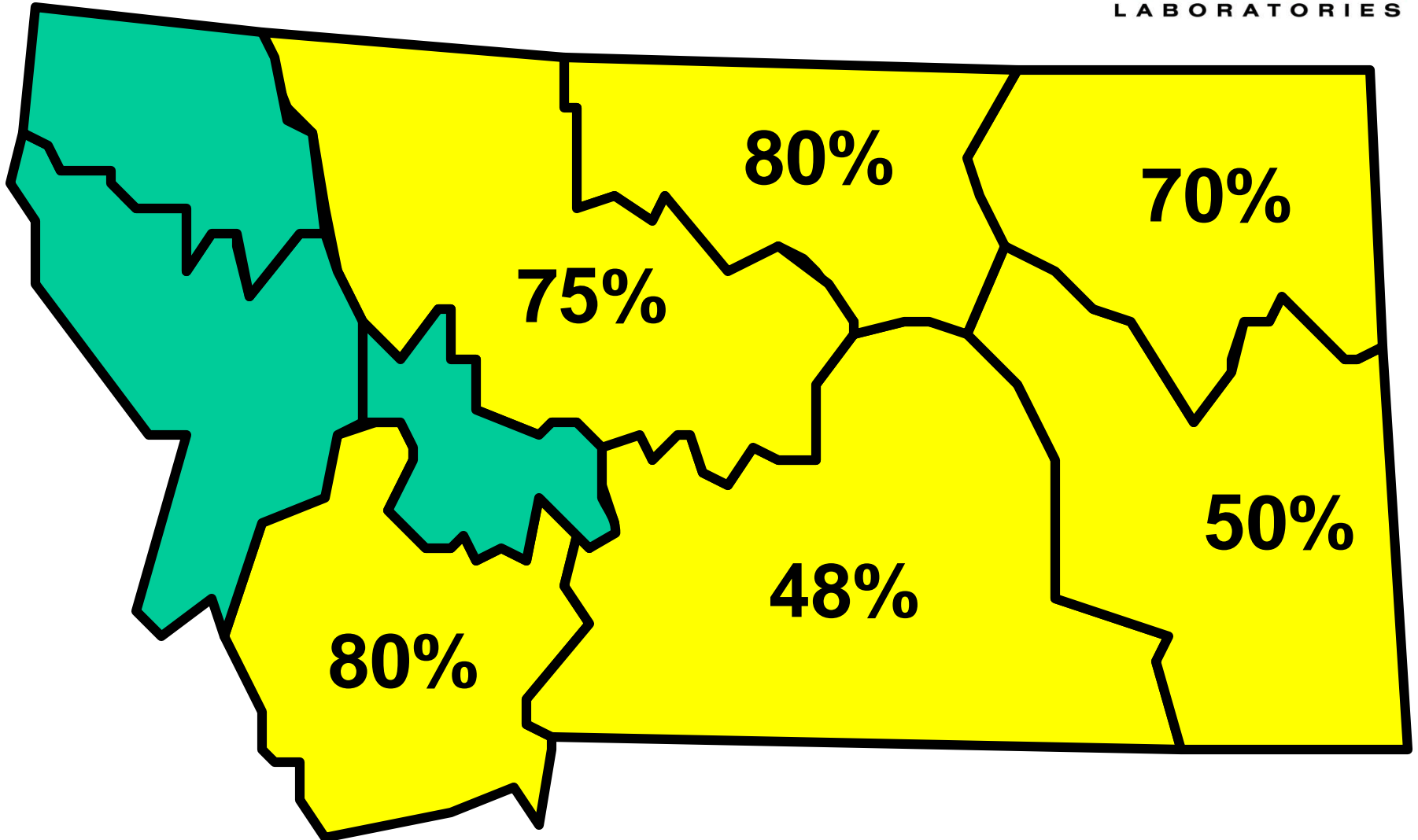


Fall 2016 samples
(0-6" samples)



% Soil Samples with Chloride less than 40 lb/a

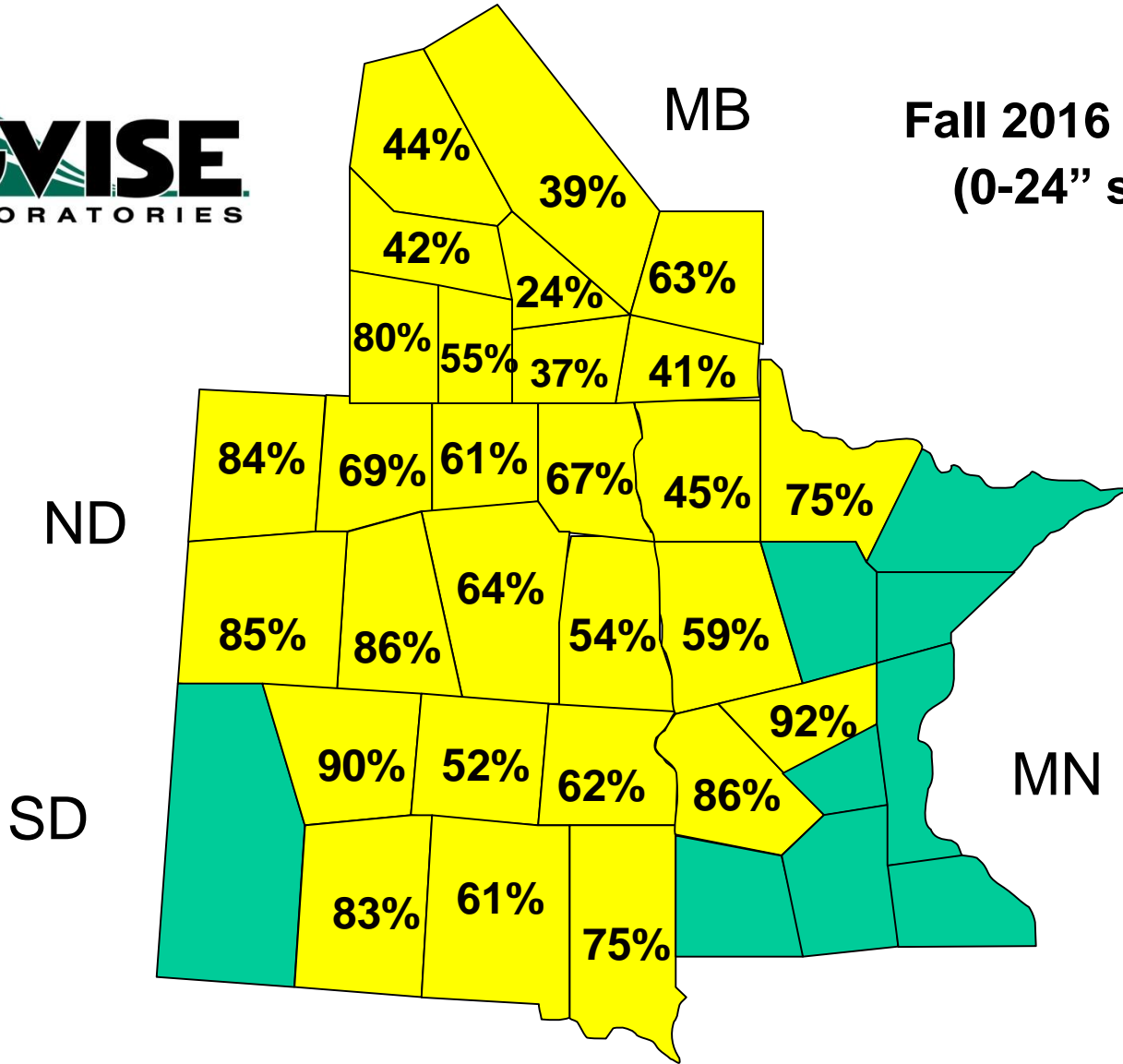
Fall 2016 samples (0-6")



% Soil Samples with Chloride less than 40 lb/a

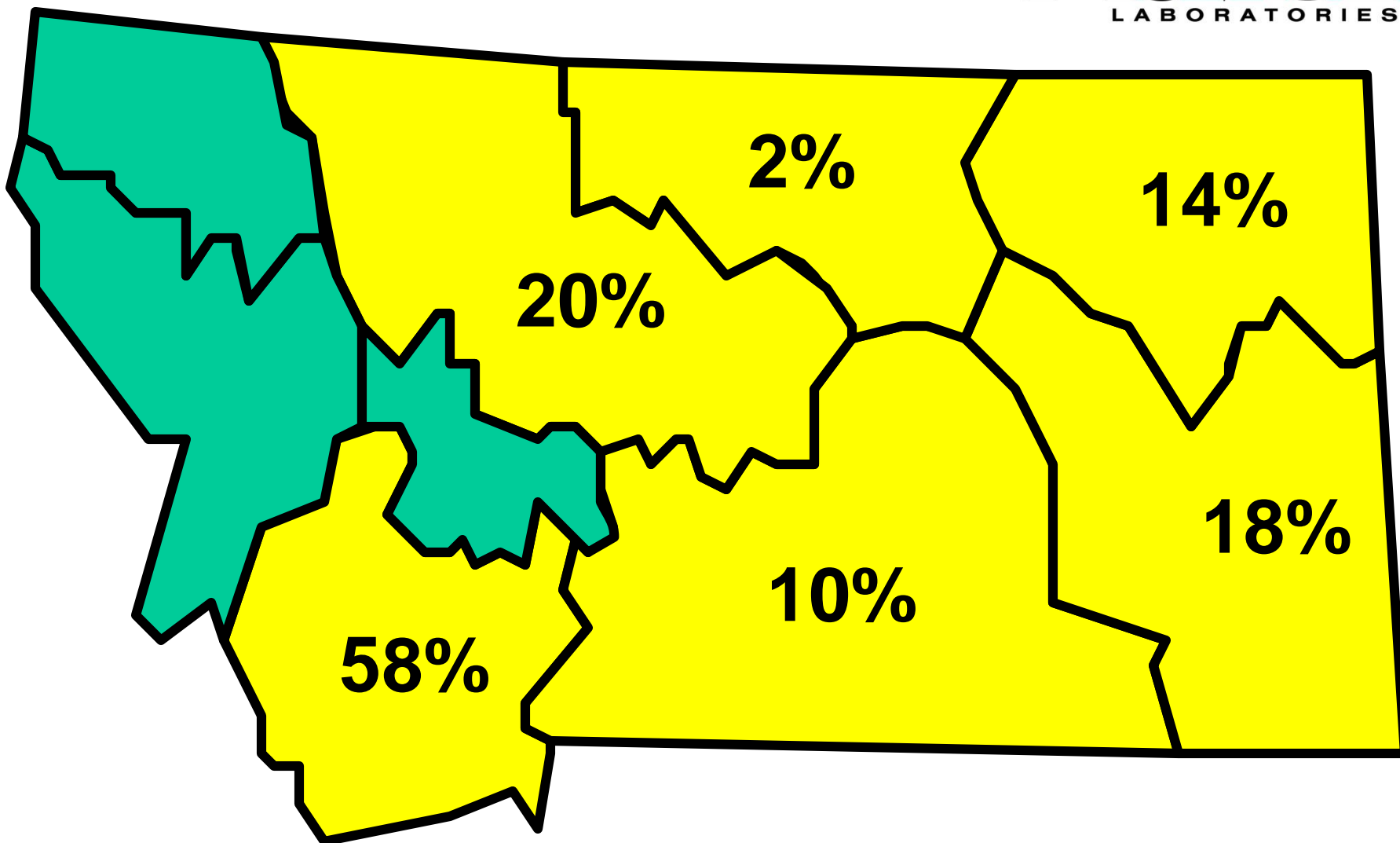


**Fall 2016 Samples
(0-24" samples)**



% Soil Samples with Carbonate greater than 5.0%

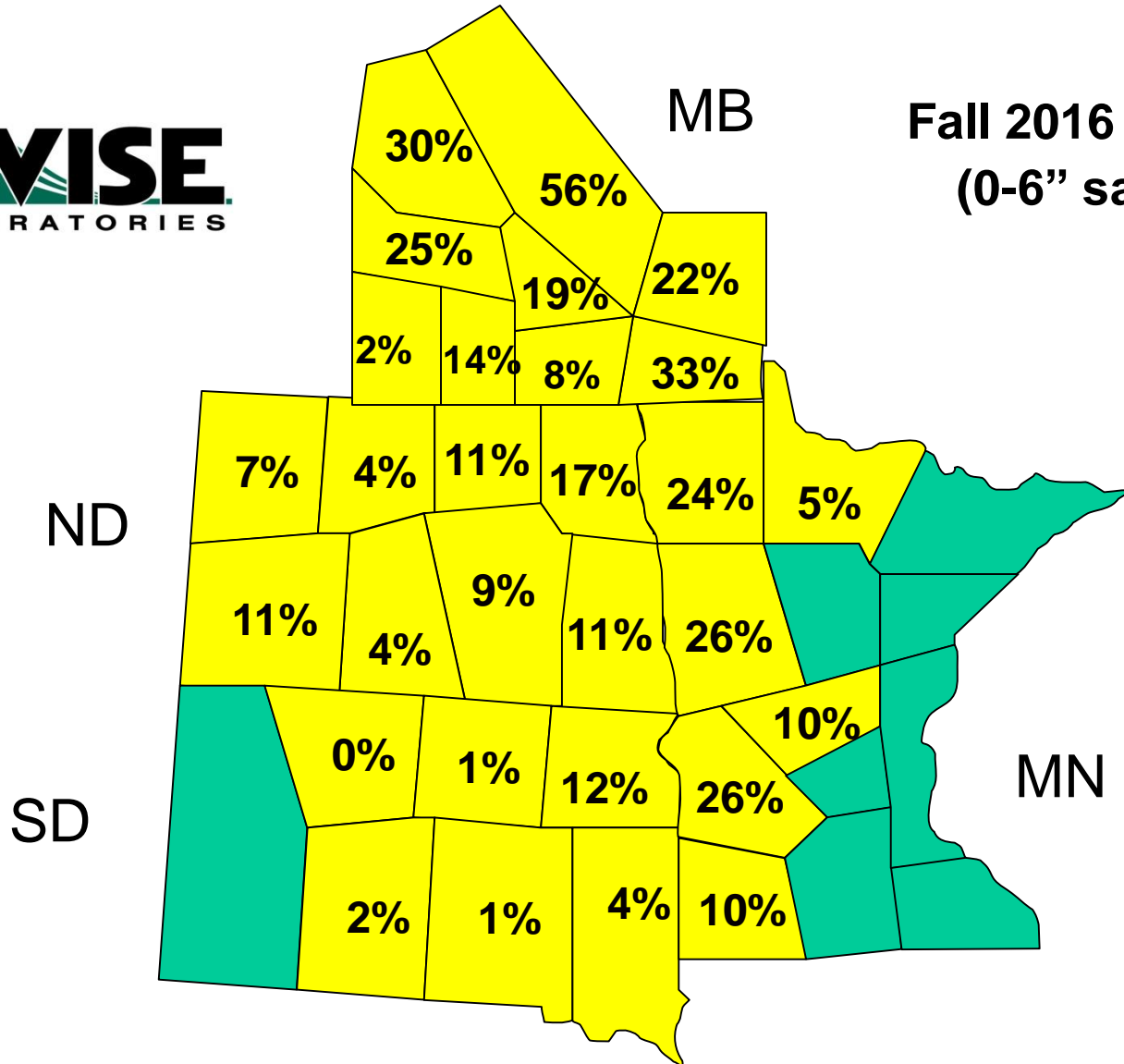
Fall 2016 samples (0-6")



% Soil Samples with Carbonate greater than 5.0%

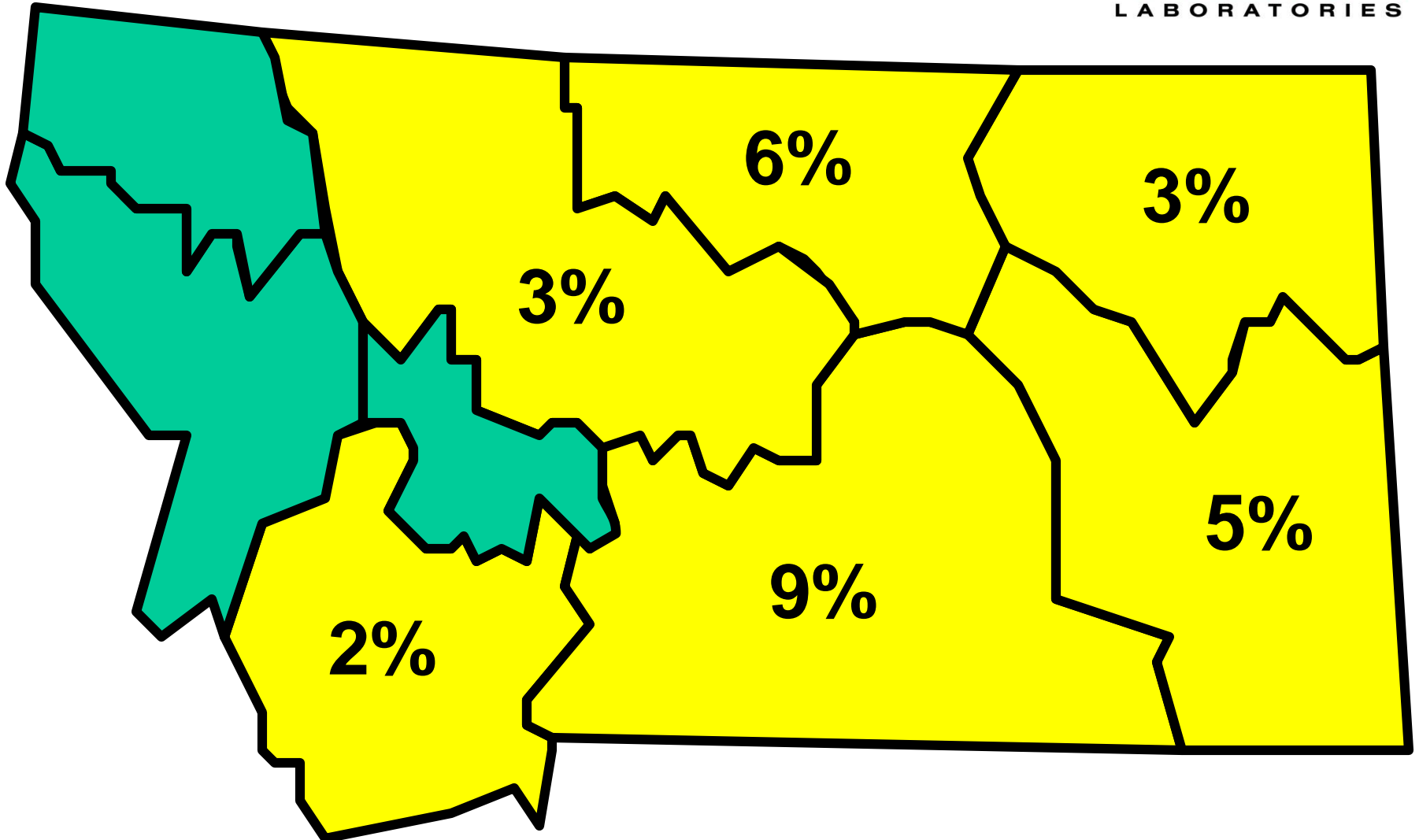


Fall 2016 samples
(0-6" samples)



% Soil Samples with Salts greater than 1.0 mmhos/cm

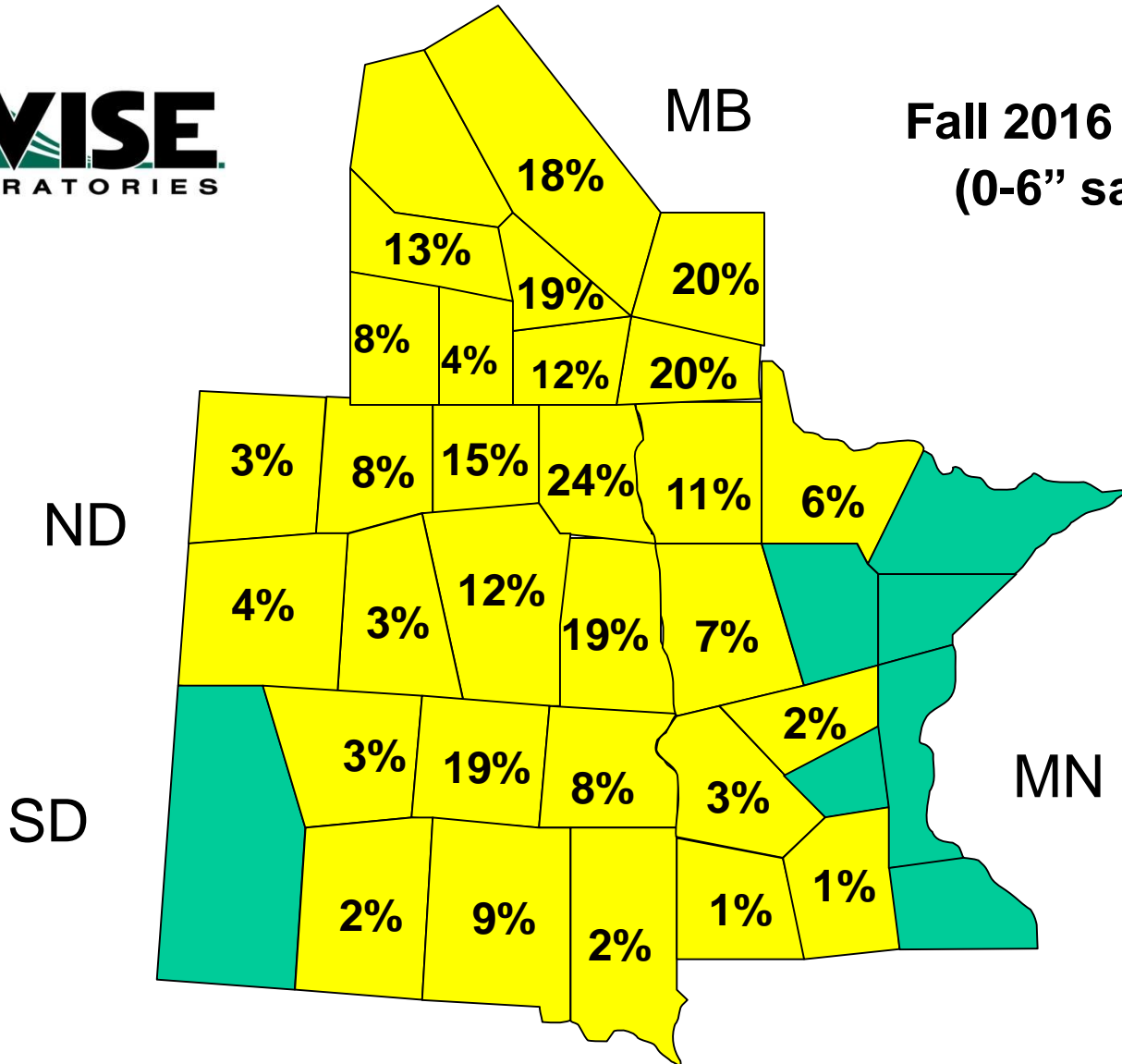
Fall 2016 samples (0-6")



% Soil Samples with Salts greater than 1.0

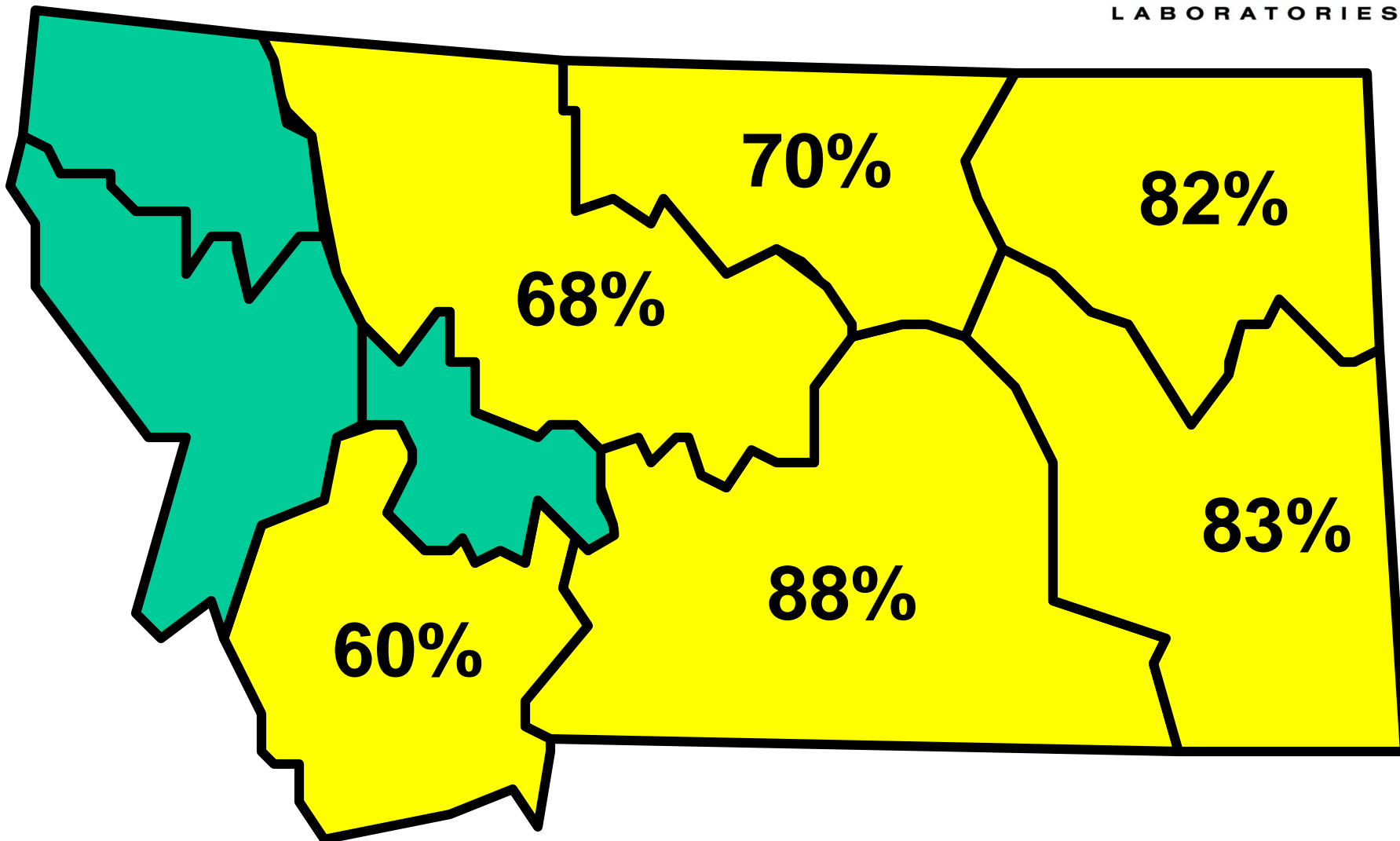


Fall 2016 Samples
(0-6" samples)



% Soil Samples with soil pH greater than 7.3

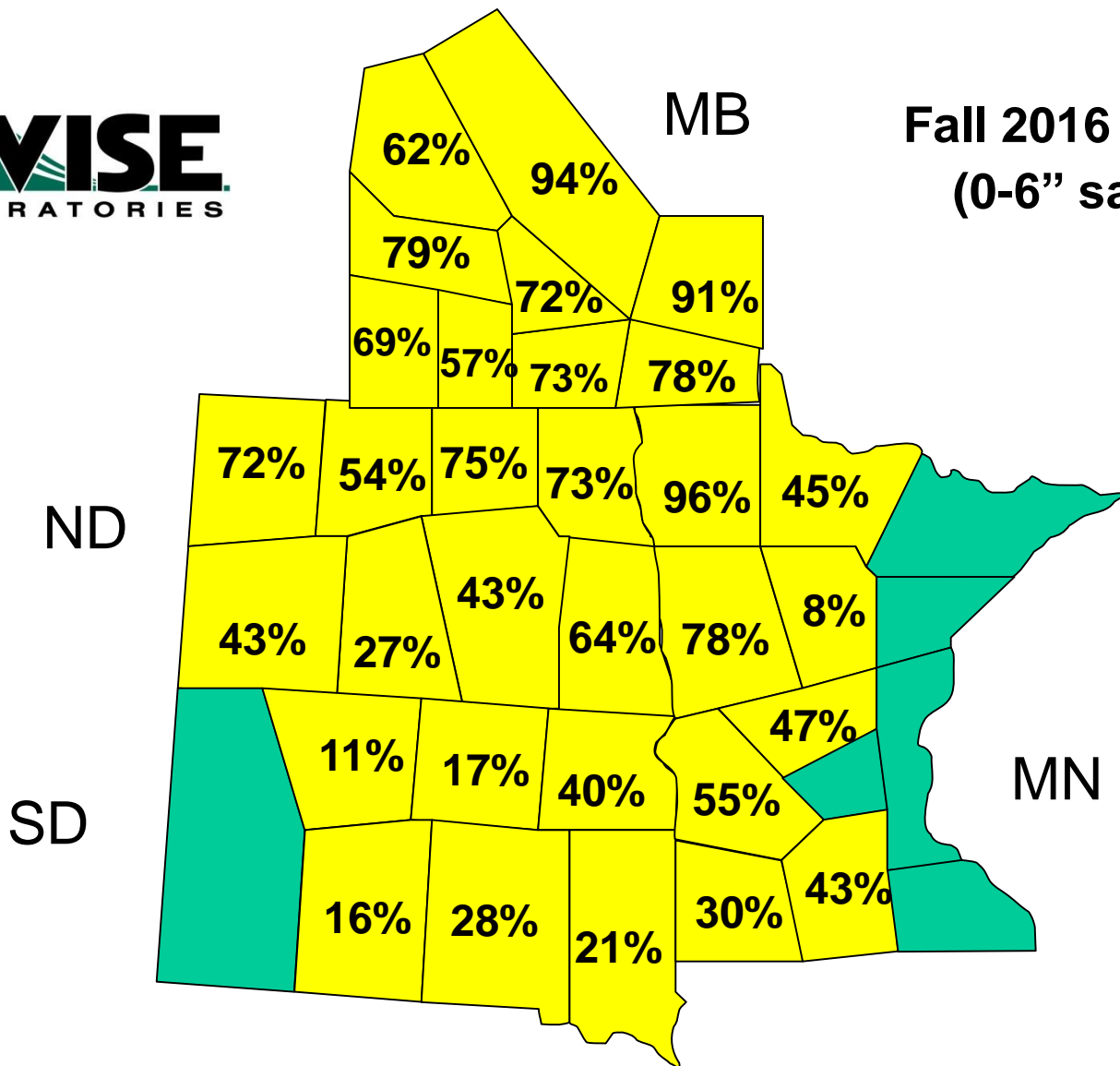
Fall 2016 samples (0-6")



% Soil Samples with Soil pH greater than 7.3

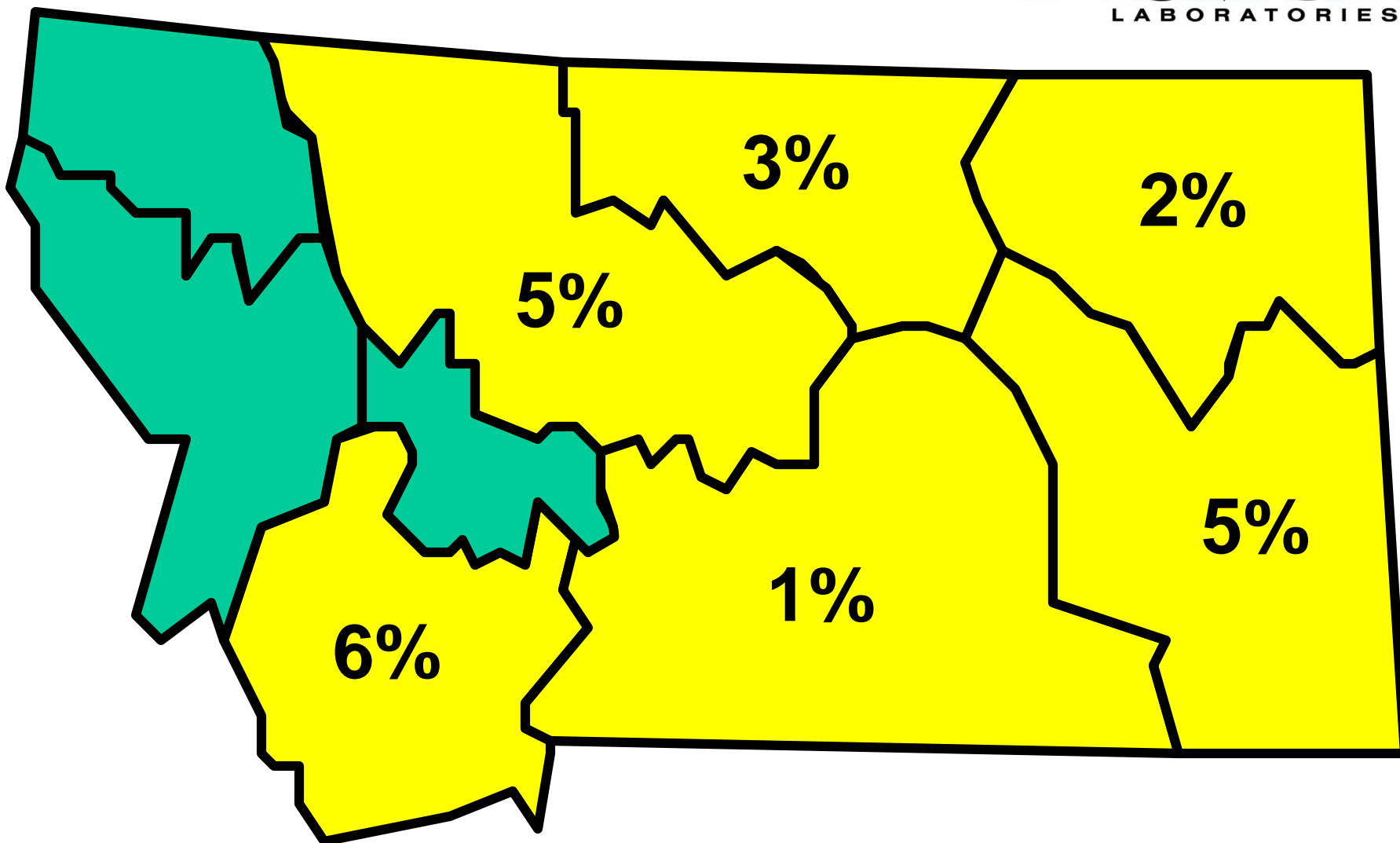


Fall 2016 samples
(0-6" samples)



% Soil Samples with soil pH less than 6.0

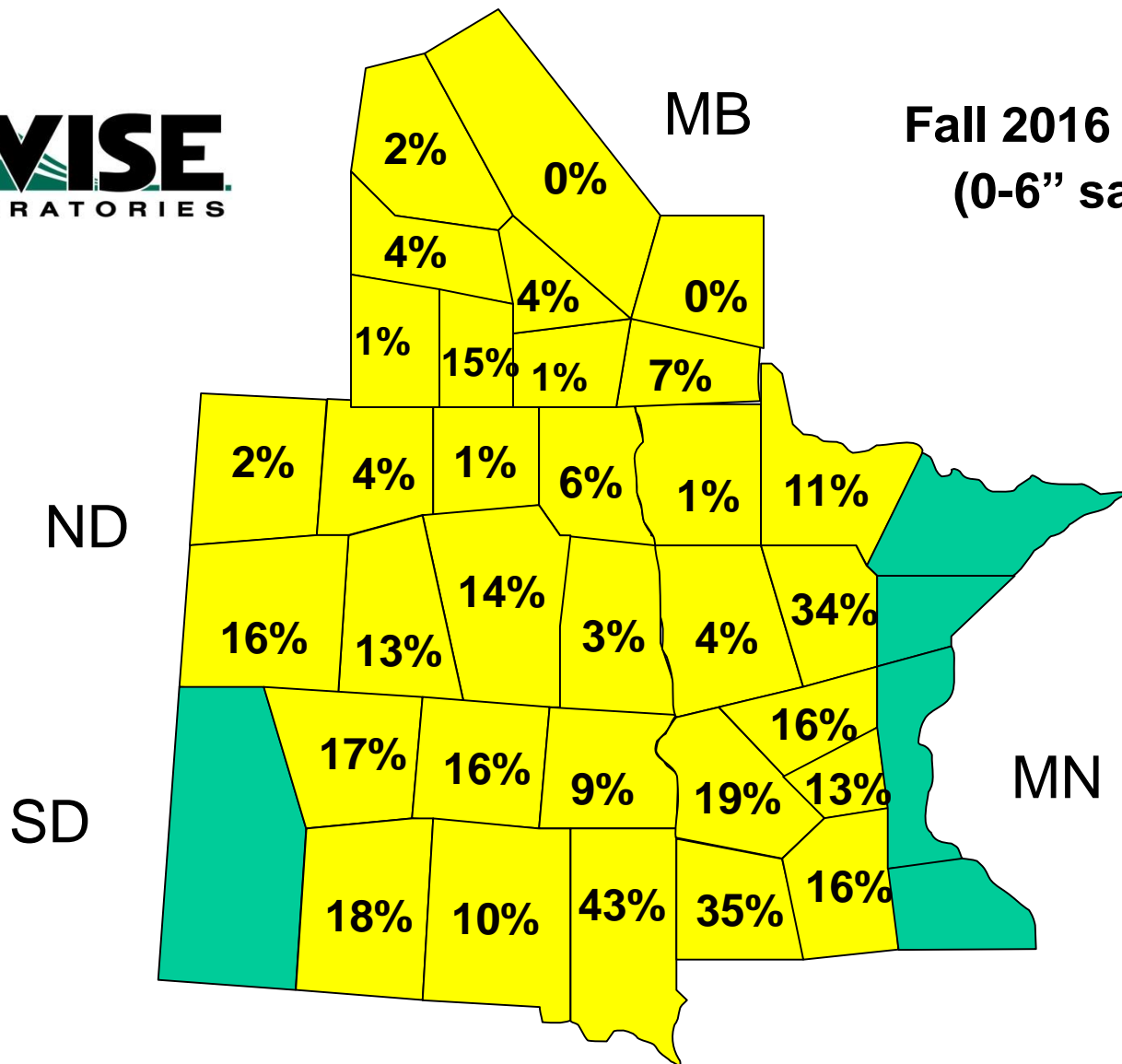
Fall 2016 samples (0-6")



% Soil Samples with Soil pH less than 6.0

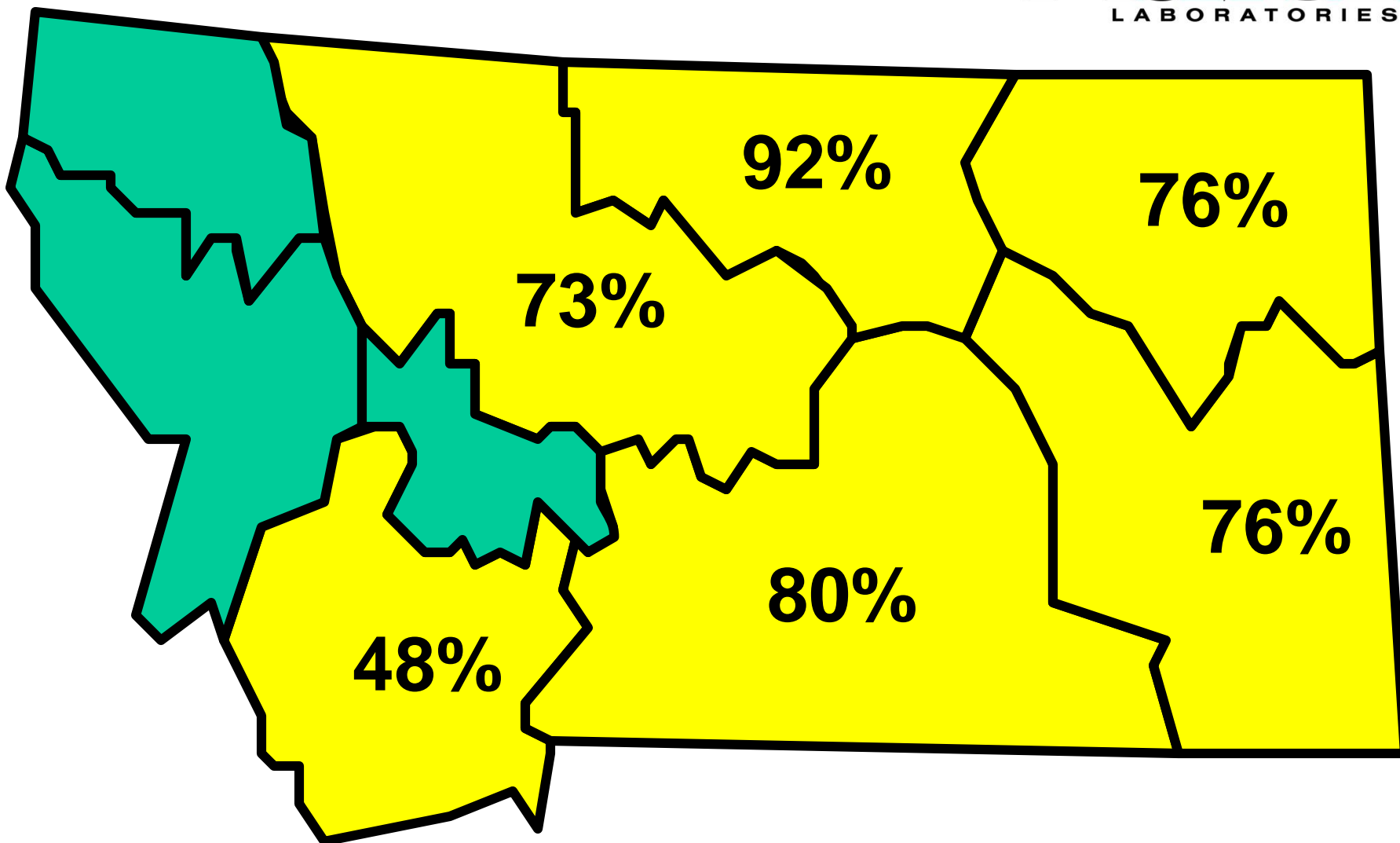


Fall 2016 samples
(0-6" samples)



% Soil Samples with %OM less than 3.0%

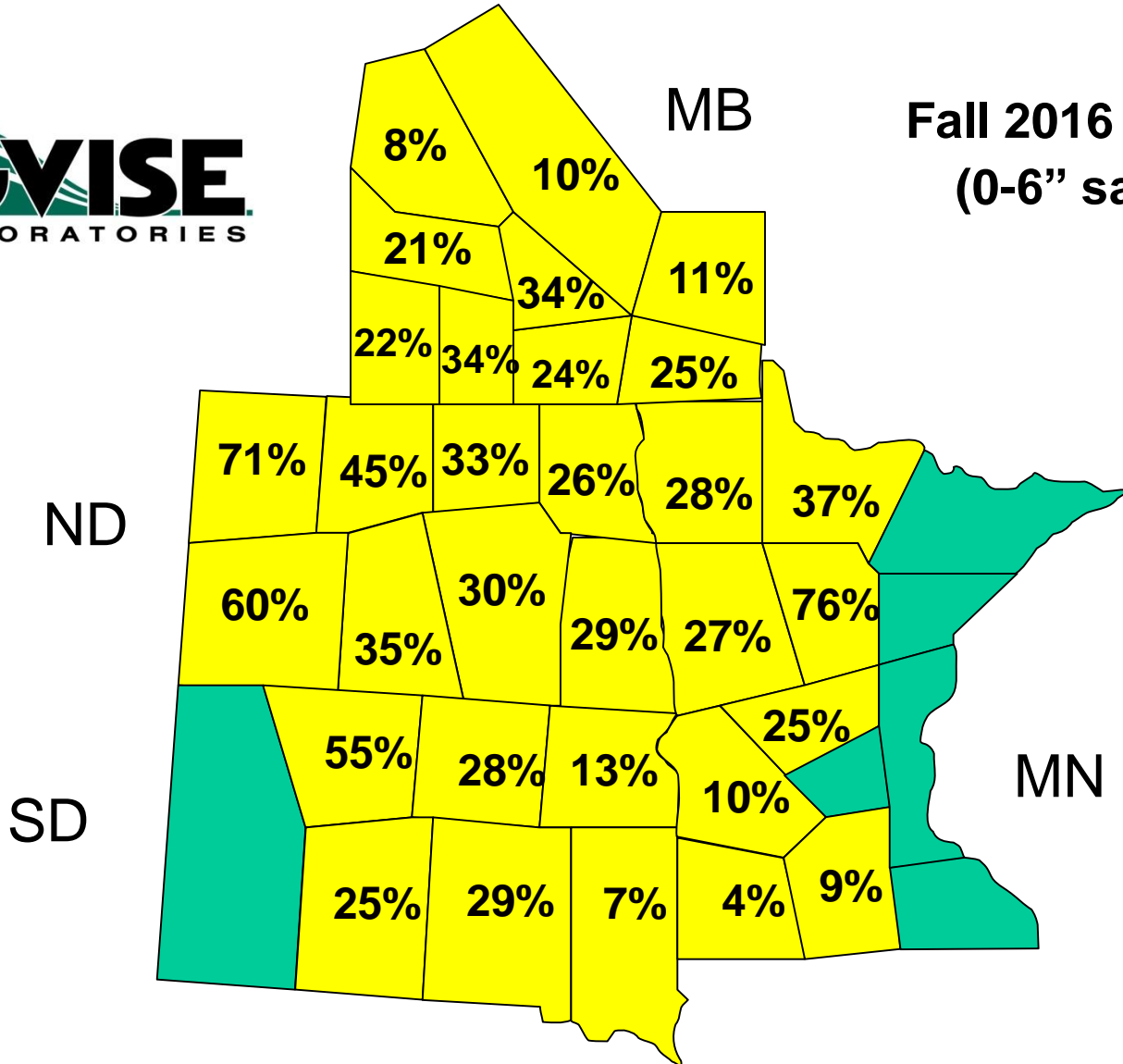
Fall 2016 samples (0-6")



% Soil Samples with %OM less than 3.0%



Fall 2016 Samples
(0-6" samples)



Zip codes for Montana

