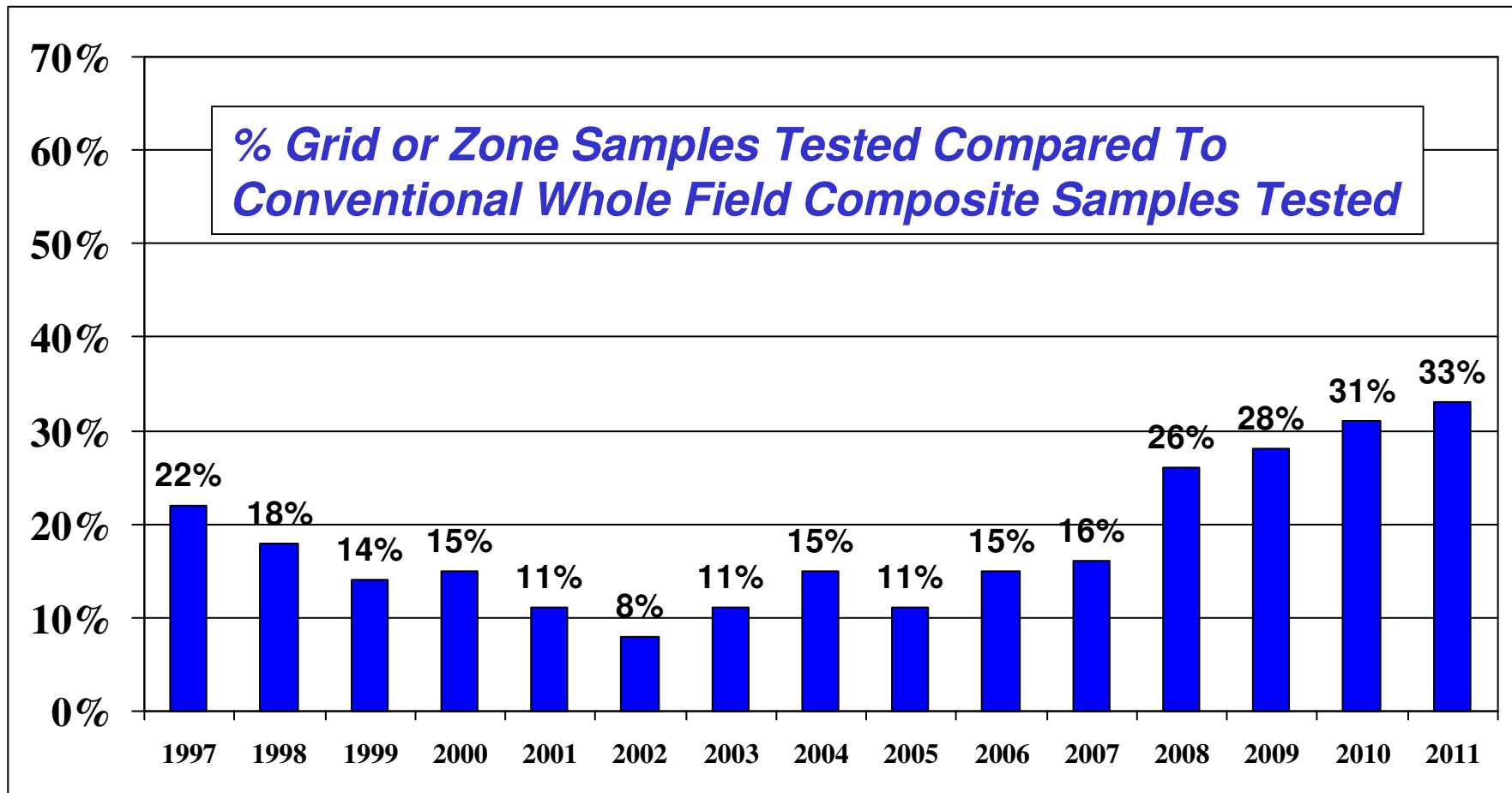


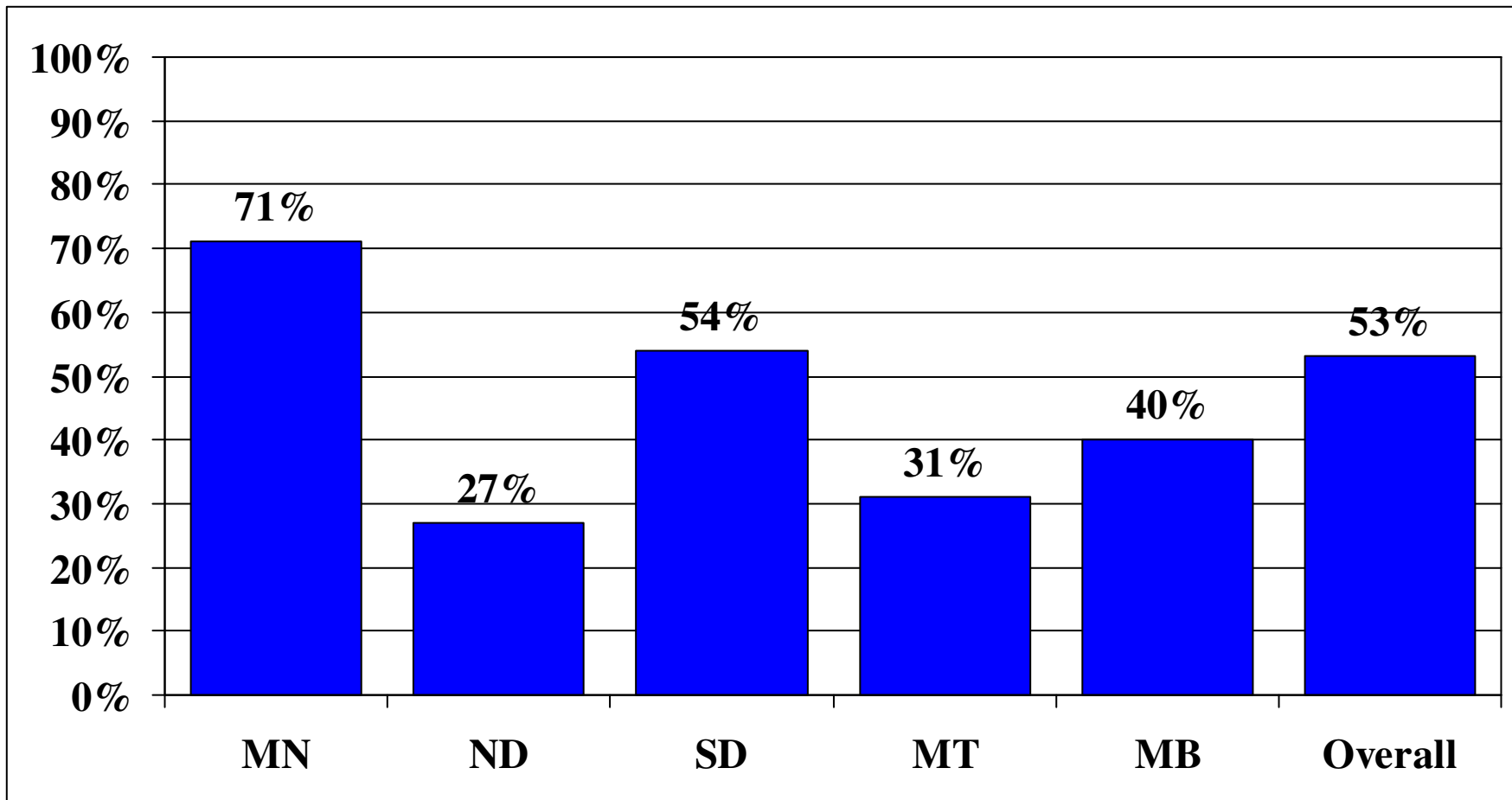
# ***AGVISE Laboratories***

***%Zone or Grid Samples – Northwood laboratory  
1997 - 2011***

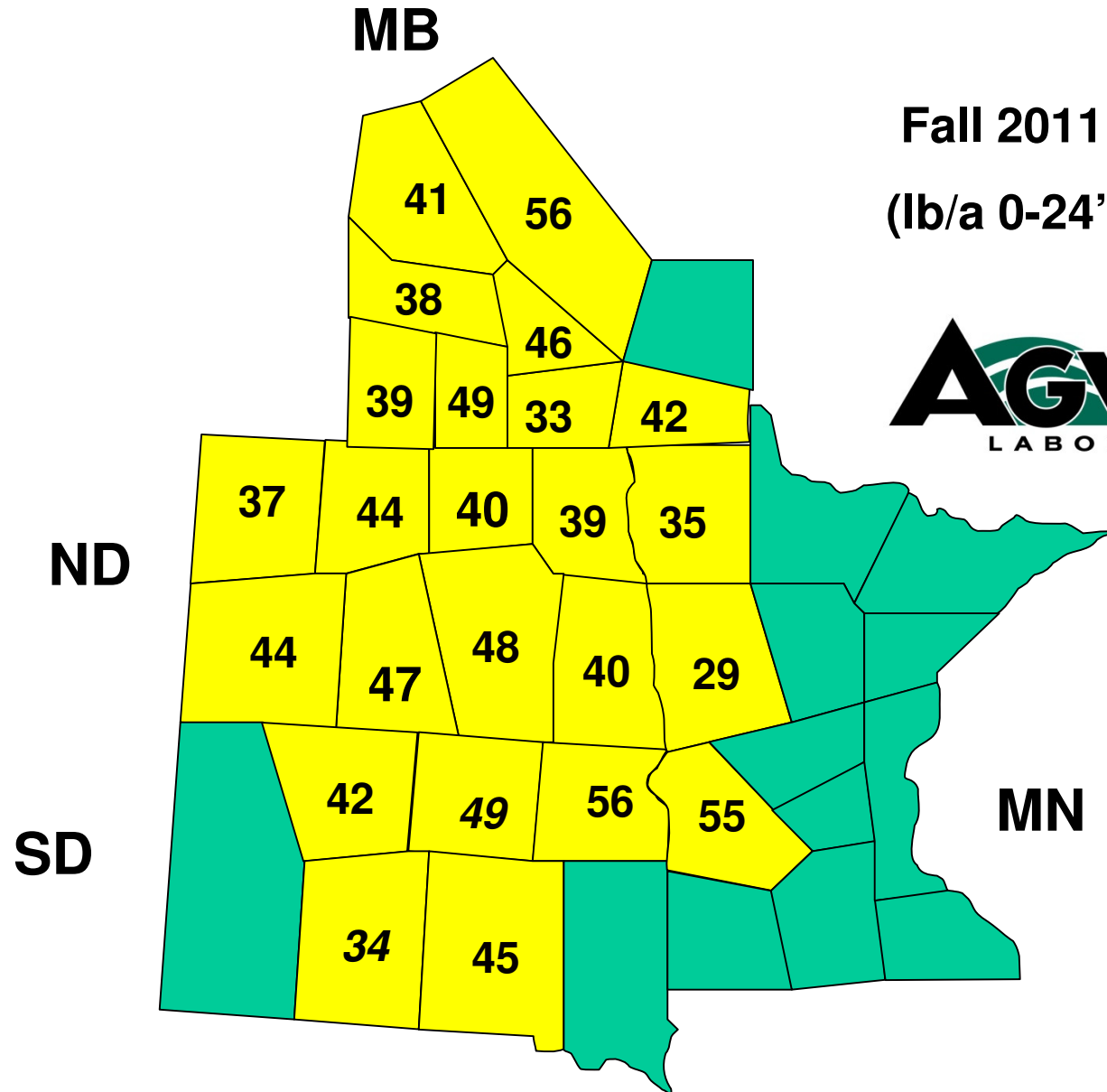


# ***AGVISE Laboratories***

***%Zone or Grid Samples Tested Compared to  
Conventional Whole Field Composite Samples in 2011***



# Average Soil Nitrate following Wheat in 2011



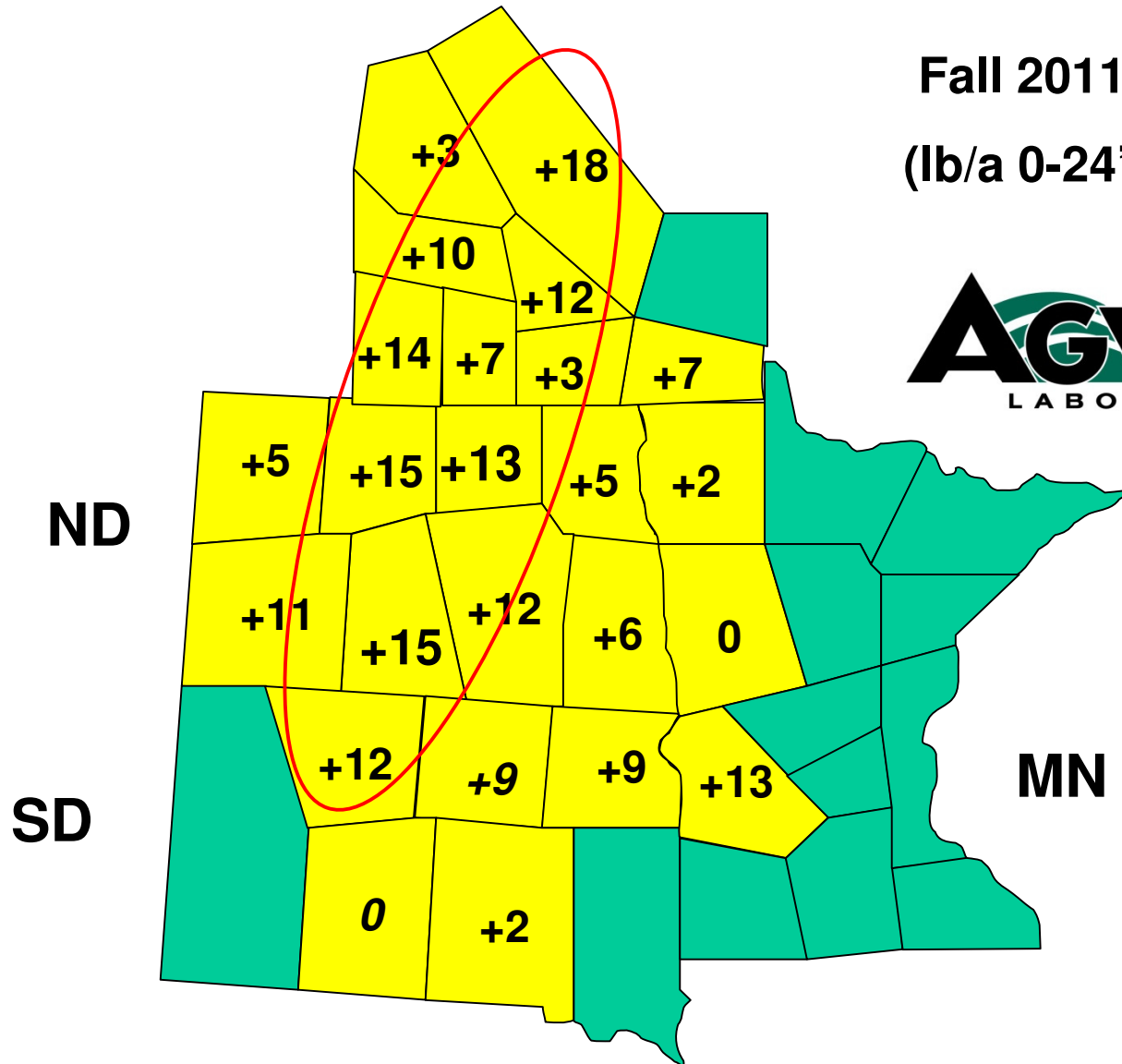
Fall 2011 Samples  
(lb/a 0-24" samples)



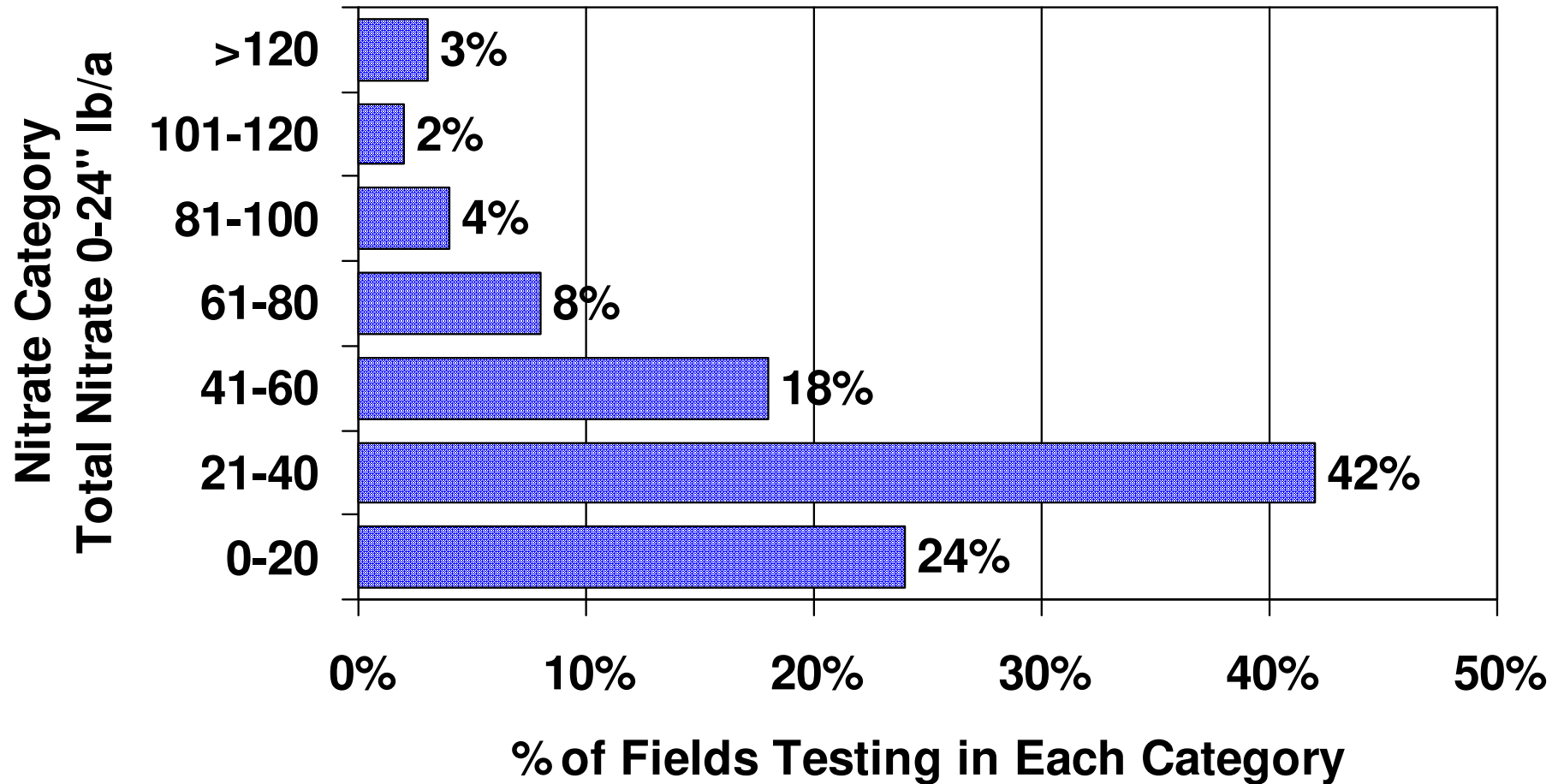
# Average Soil Nitrate following Wheat in 2011 (change from 2010 averages – More high testing fields)

MB

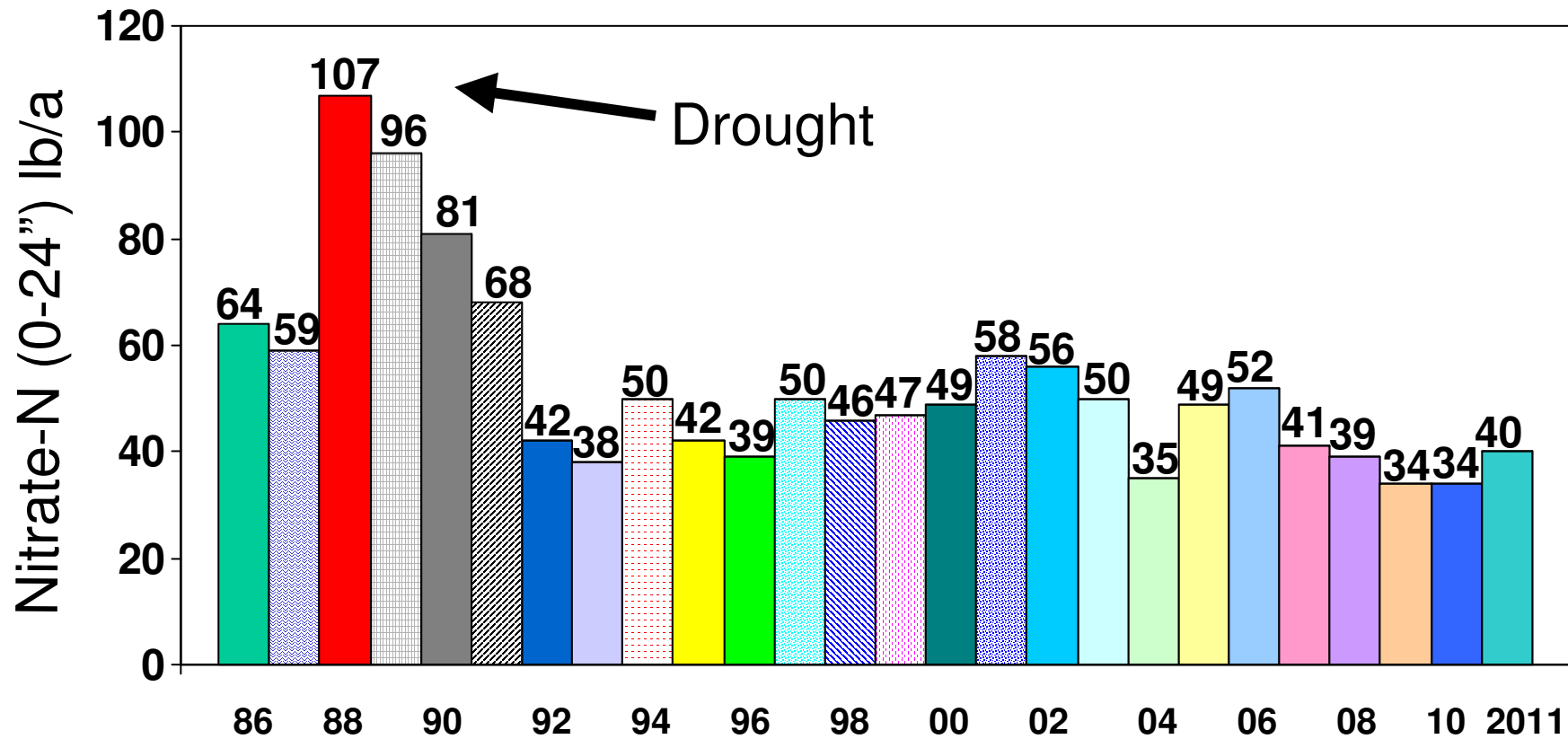
Fall 2011 Samples  
(1b/a 0-24" samples)



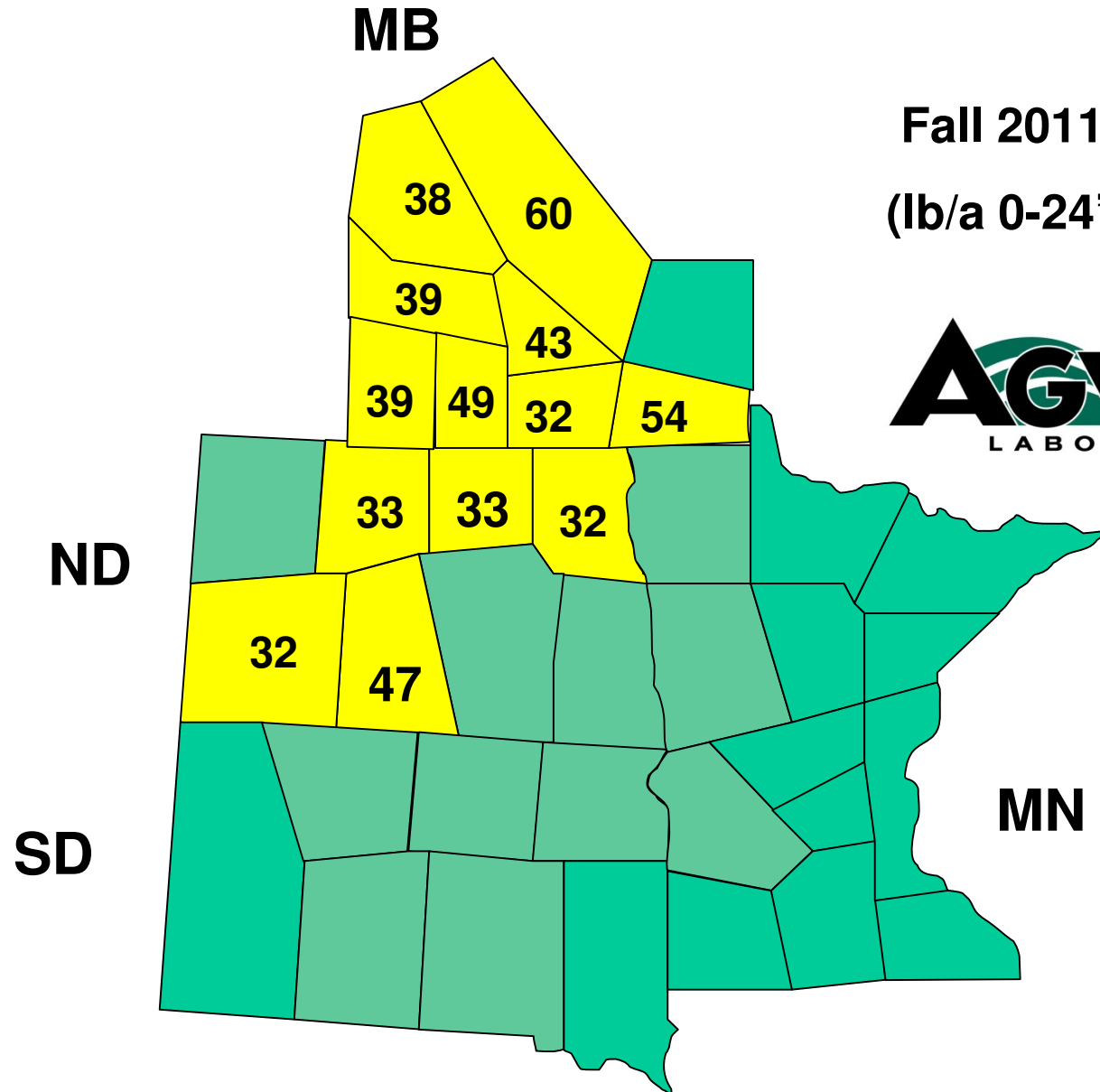
# ***Soil Nitrate Variability Between Fields Following “WHEAT” in Canada - 2011***



# Average Soil Nitrate Following "WHEAT" in Canada 1986-2011



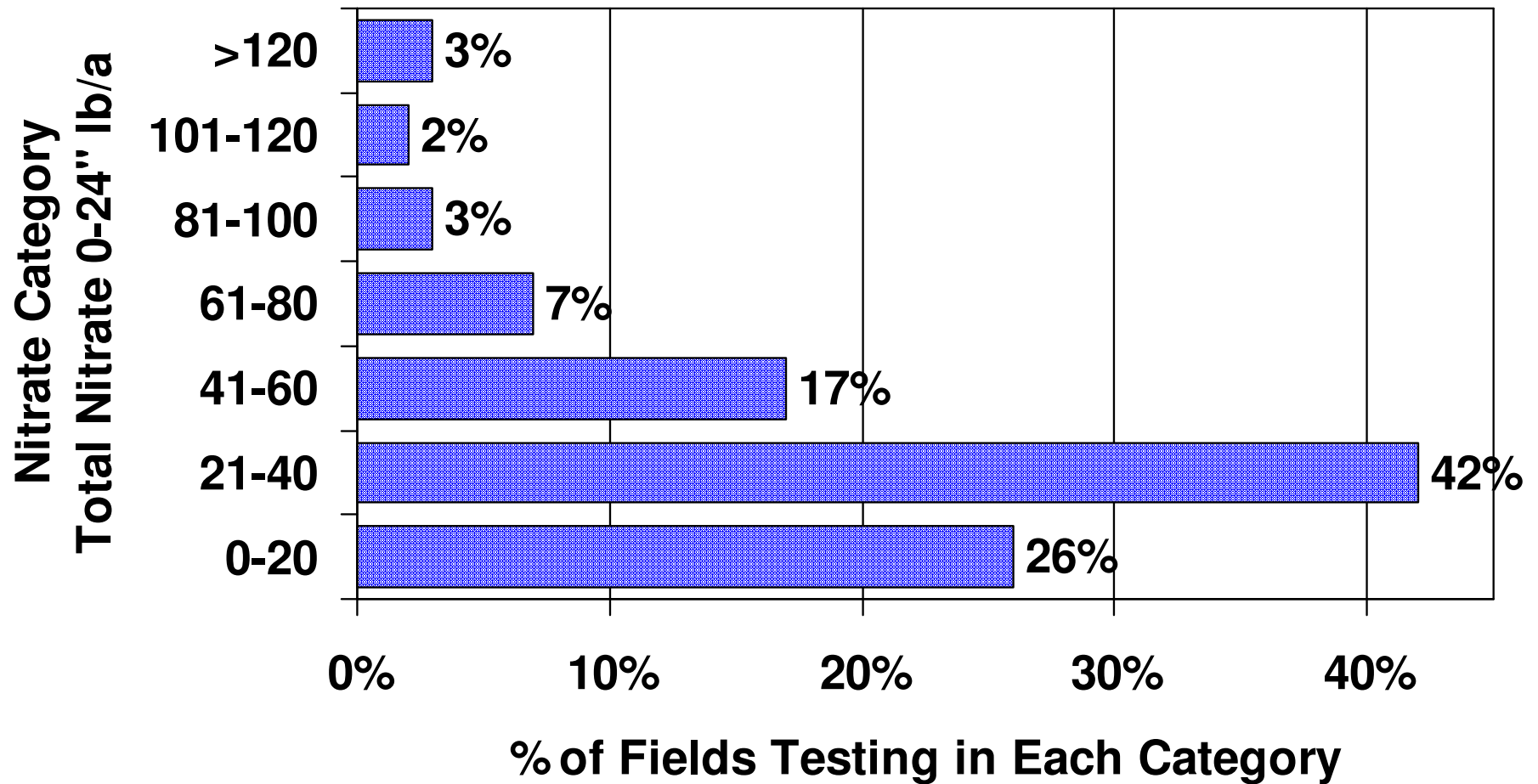
# Average Soil Nitrate following Canola in 2011



Fall 2011 Samples  
(lb/a 0-24" samples)

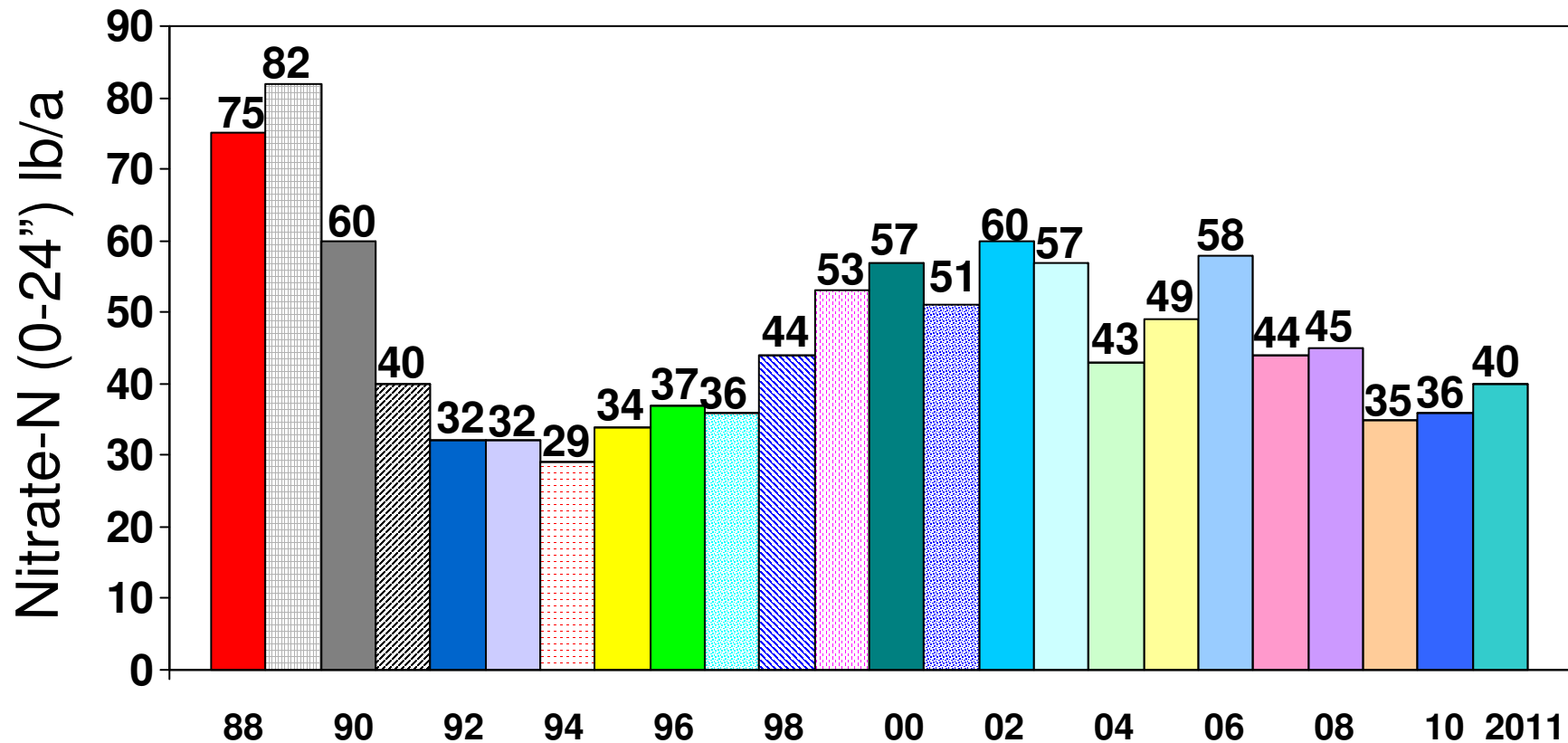


# ***Soil Nitrate Variability Between Fields Following “Canola” in Canada – 2011***

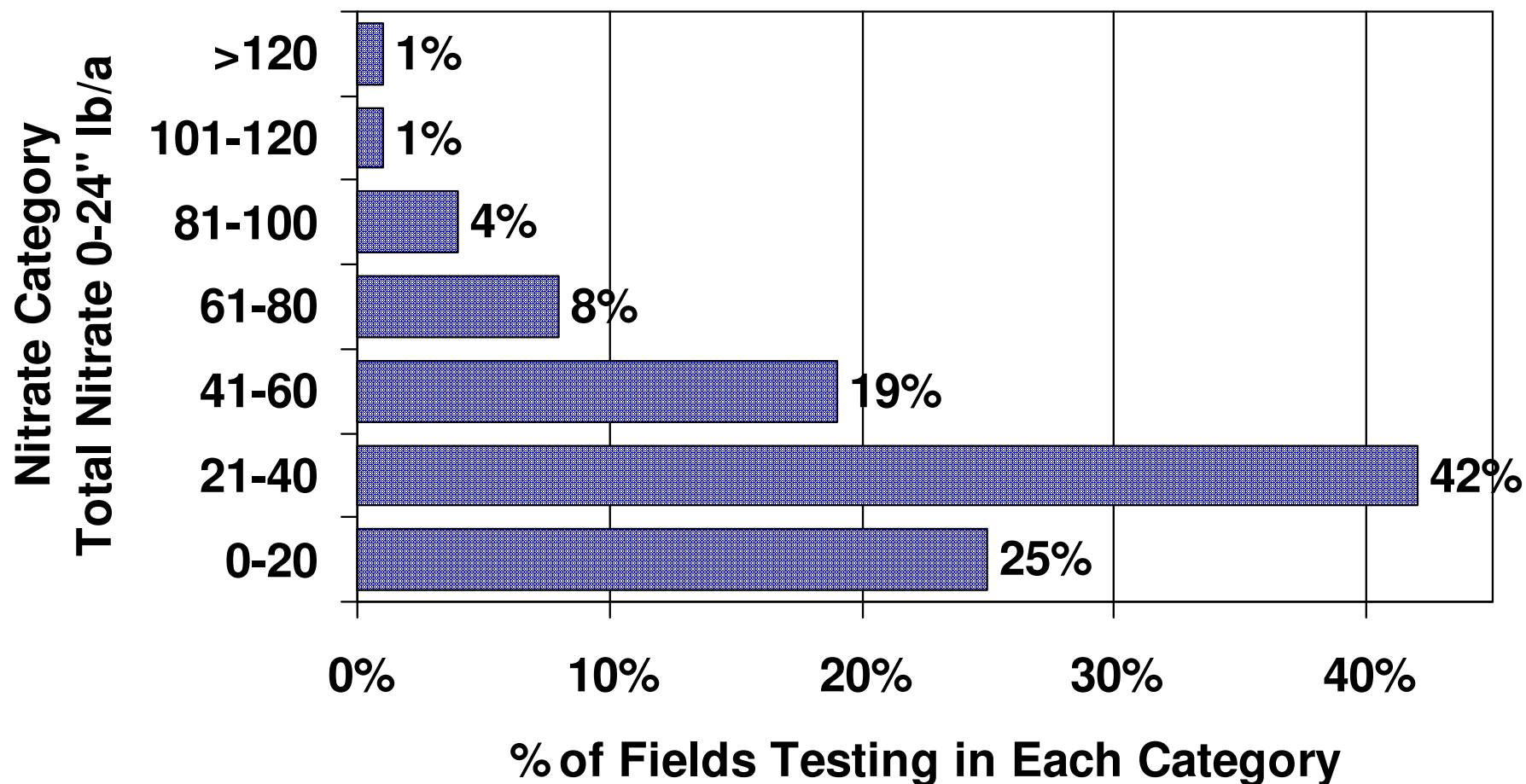




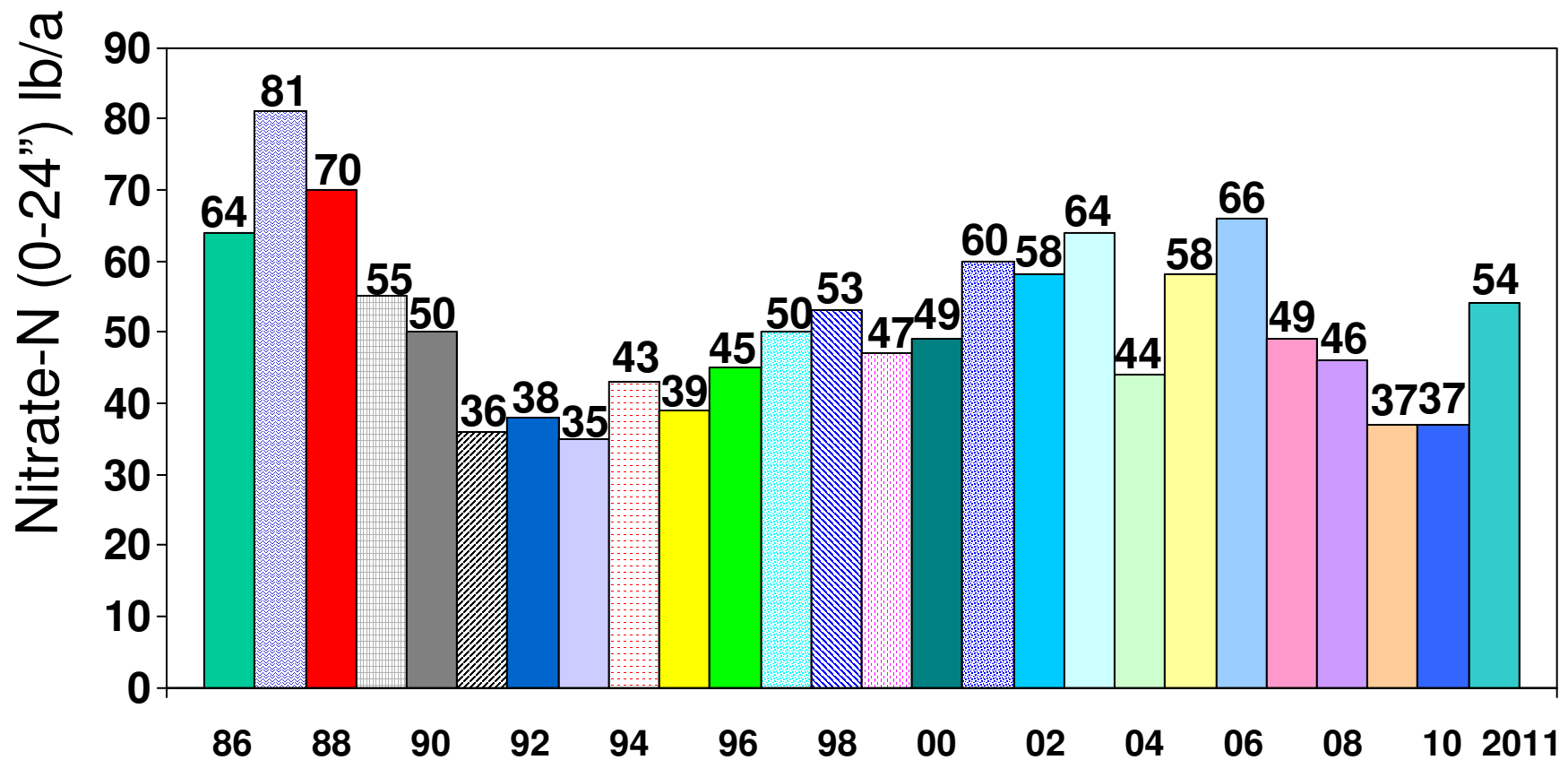
# *Average Soil Nitrate Following “Canola” in Canada 1988-2011*



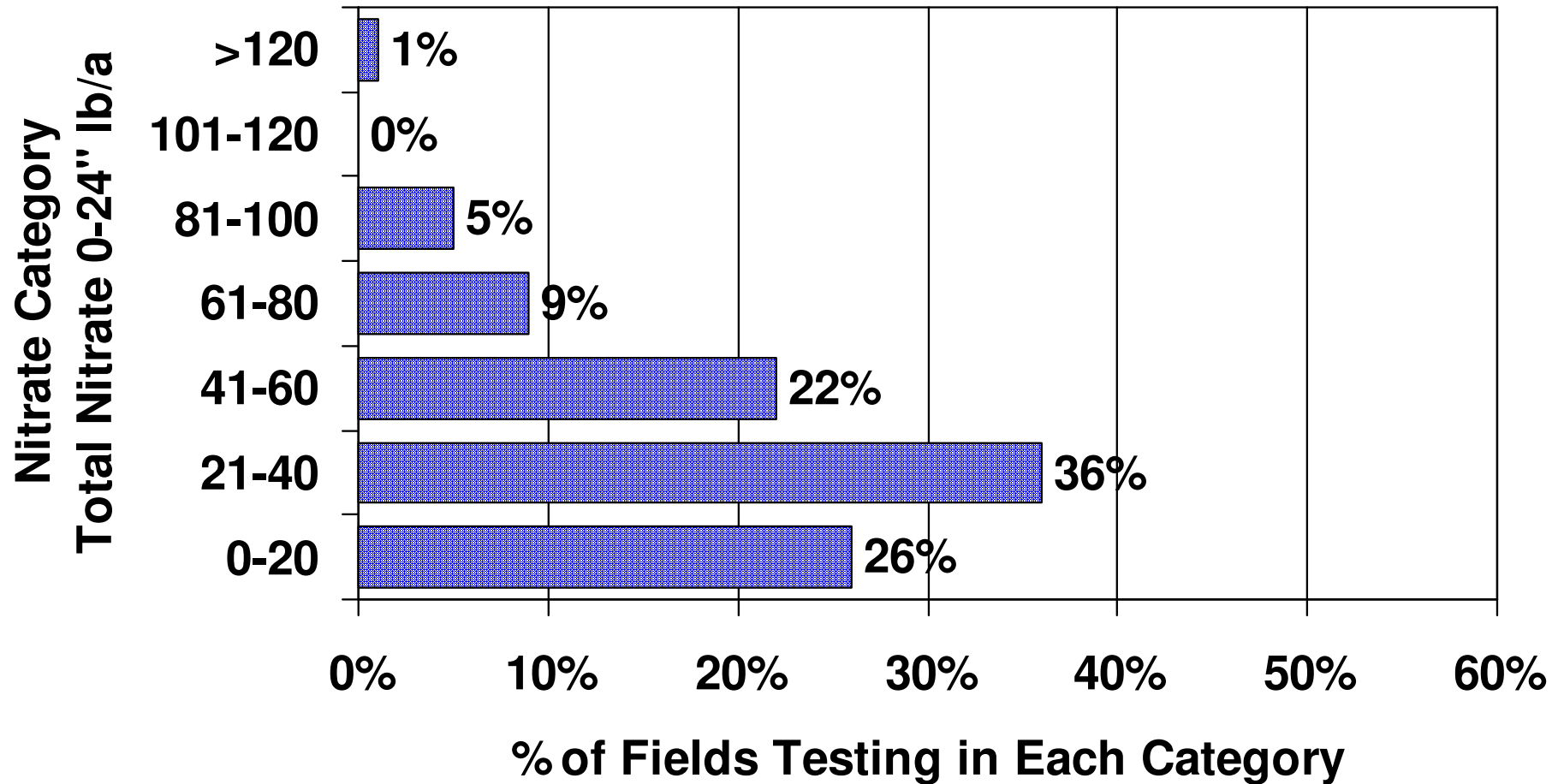
# ***Soil Nitrate Variability Between Fields Following “Barley” in Canada - 2011***



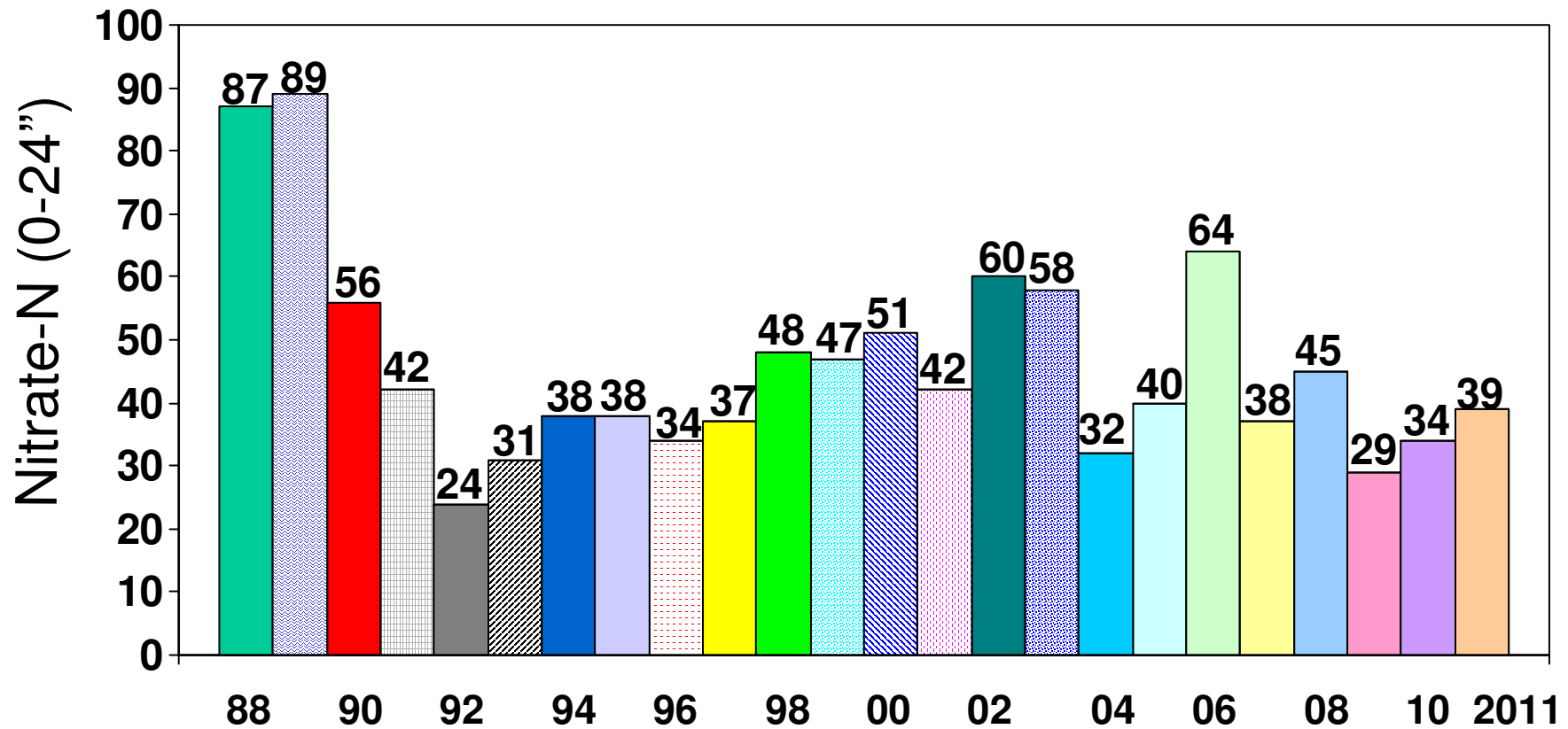
# *Average Soil Nitrate Following "BARLEY in Canada 1986-2011*



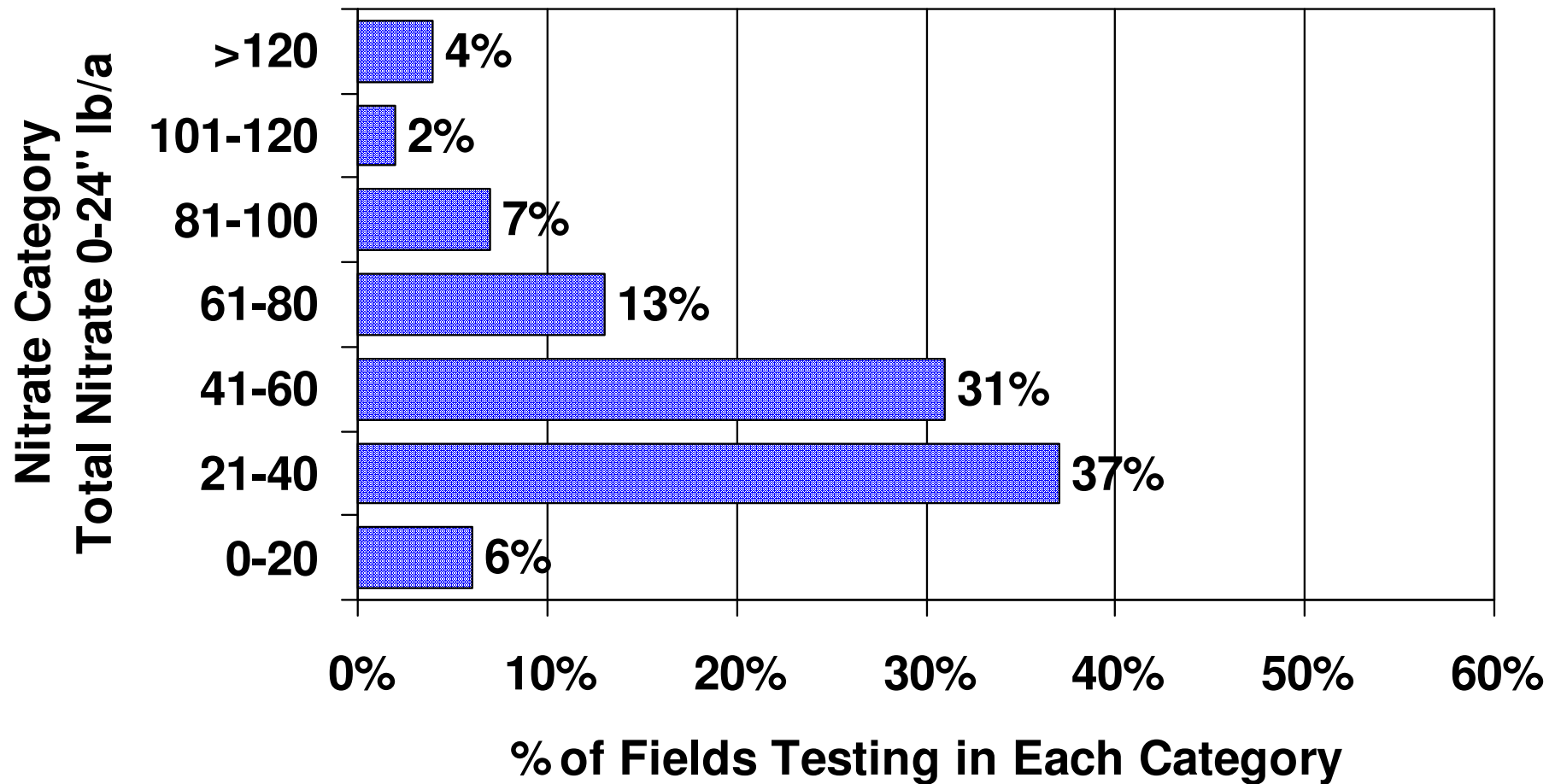
# ***Soil Nitrate Variability Between Fields Following “Flax” in Canada - 2011***



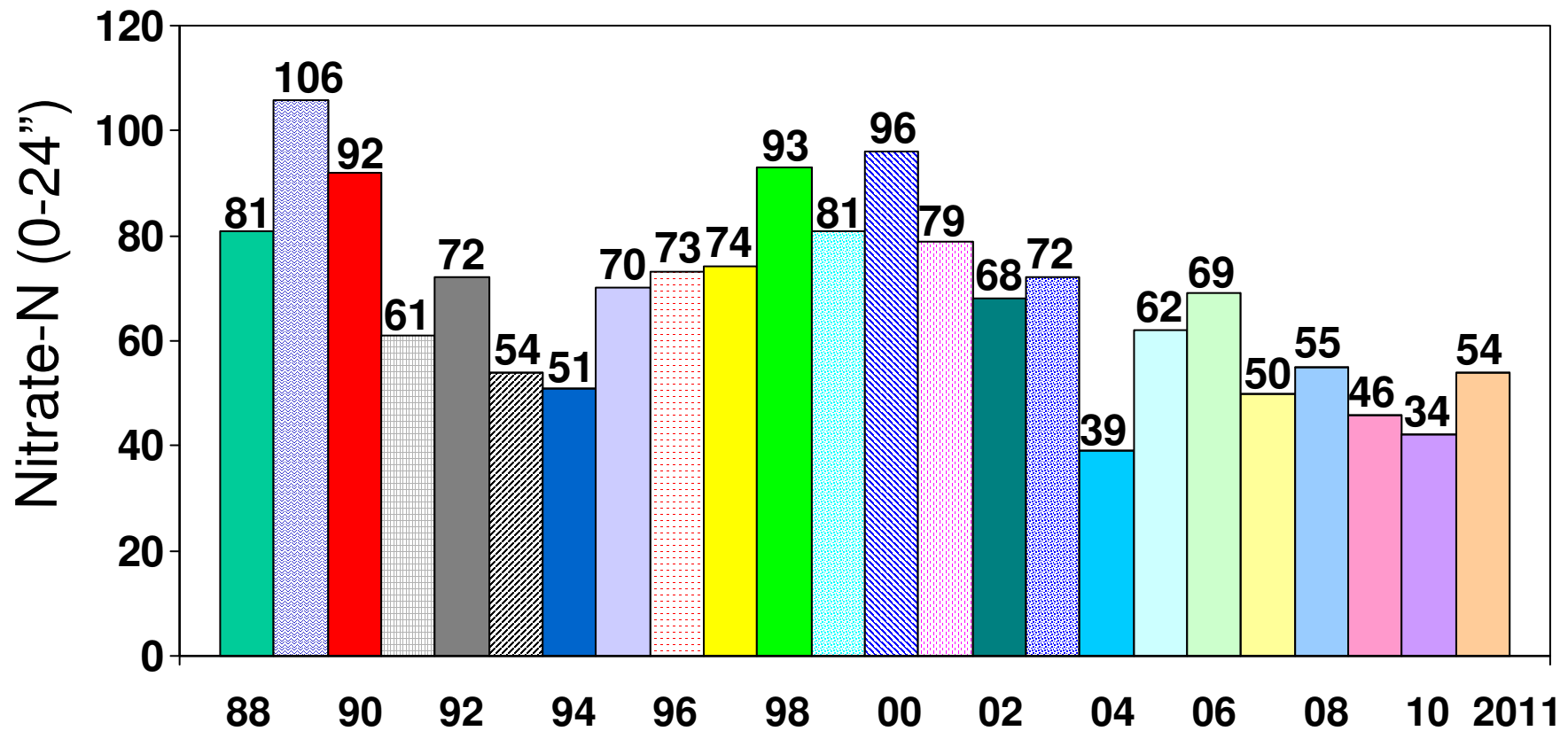
# *Average Soil Nitrate Following "FLAX in Canada 1988-2011*



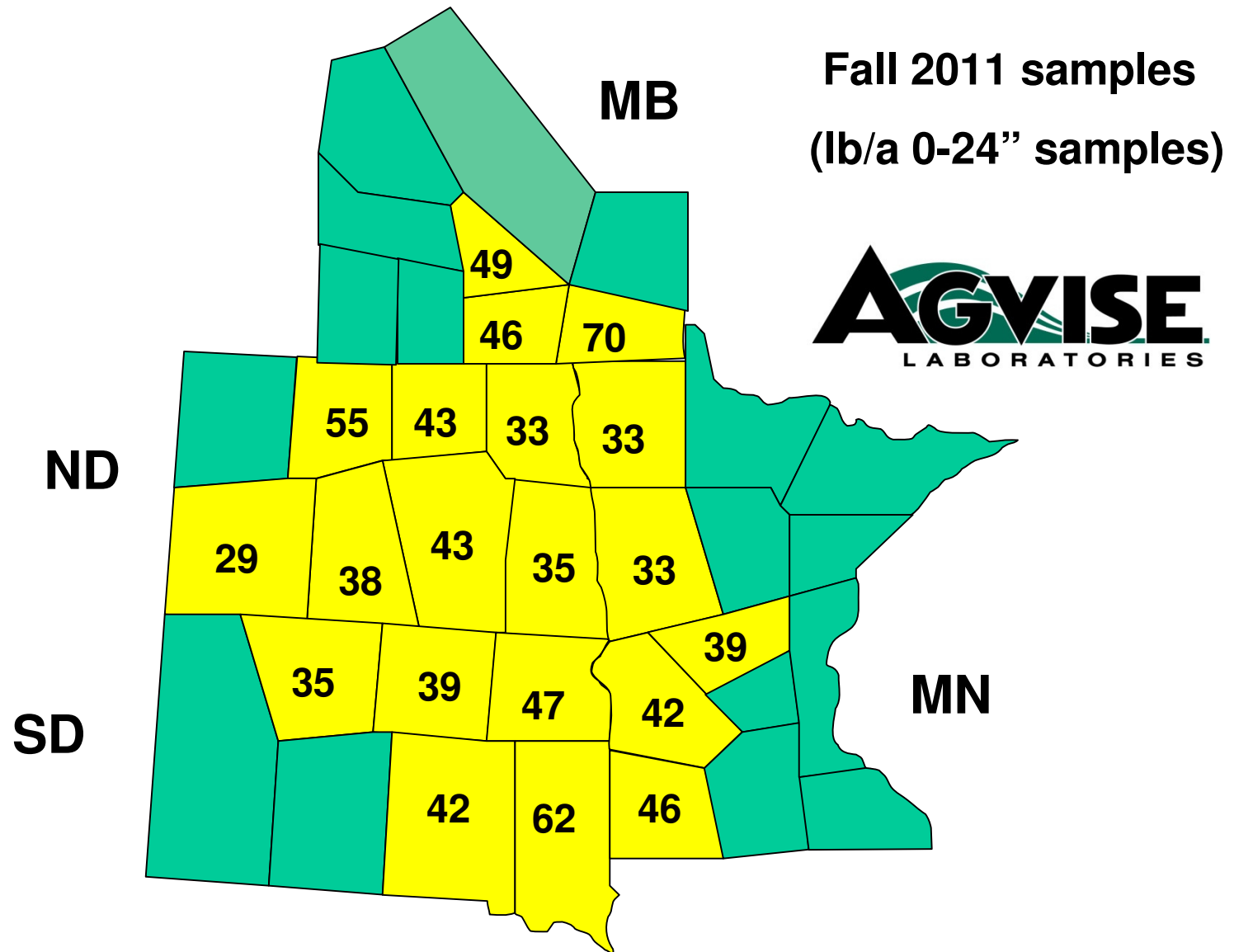
# ***Soil Nitrate Variability Between Fields Following “Potato” in Canada - 2011***



# *Average Soil Nitrate Following "POTATO" in Canada 1988-2011*

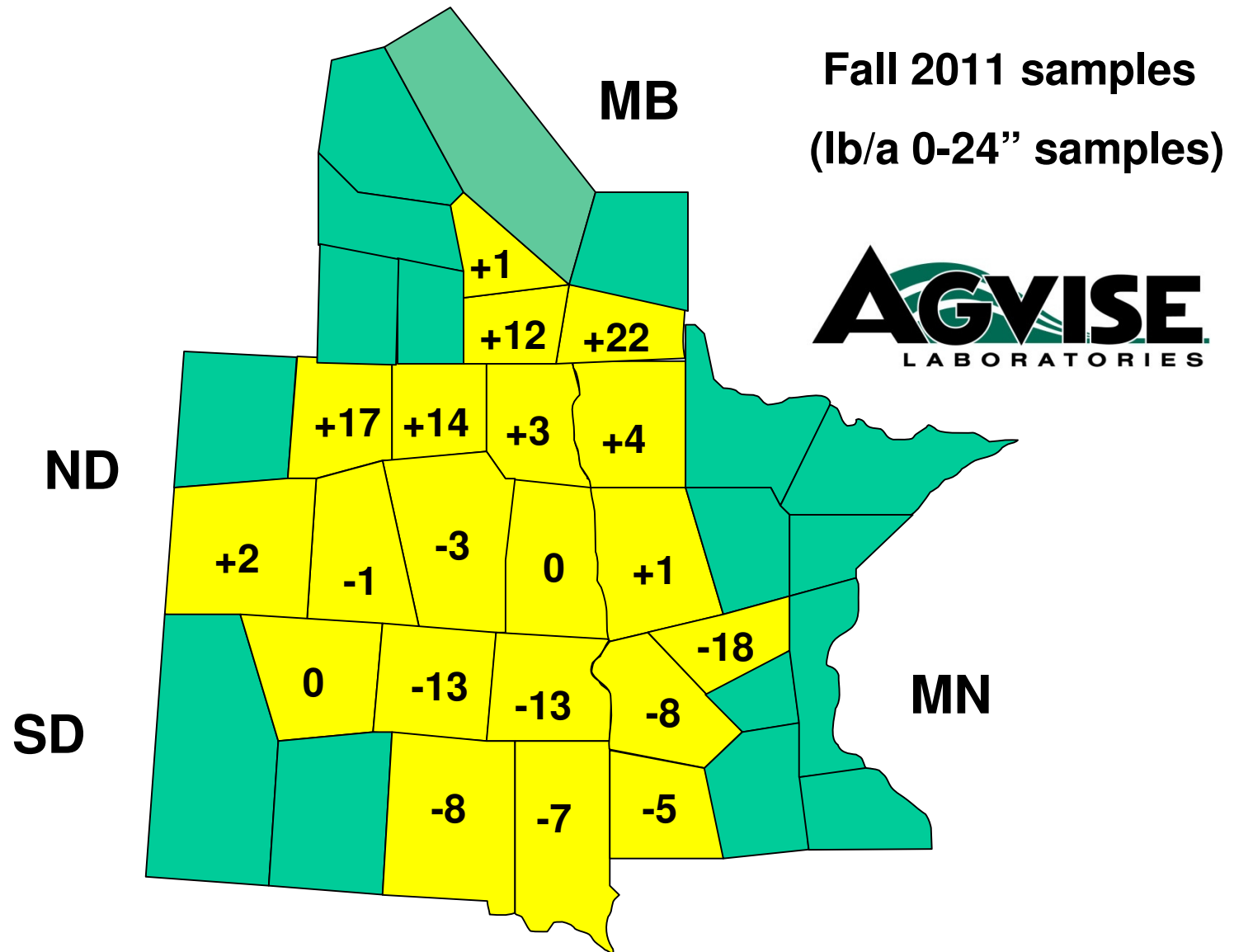


# Average Soil Nitrate following Corn in 2011

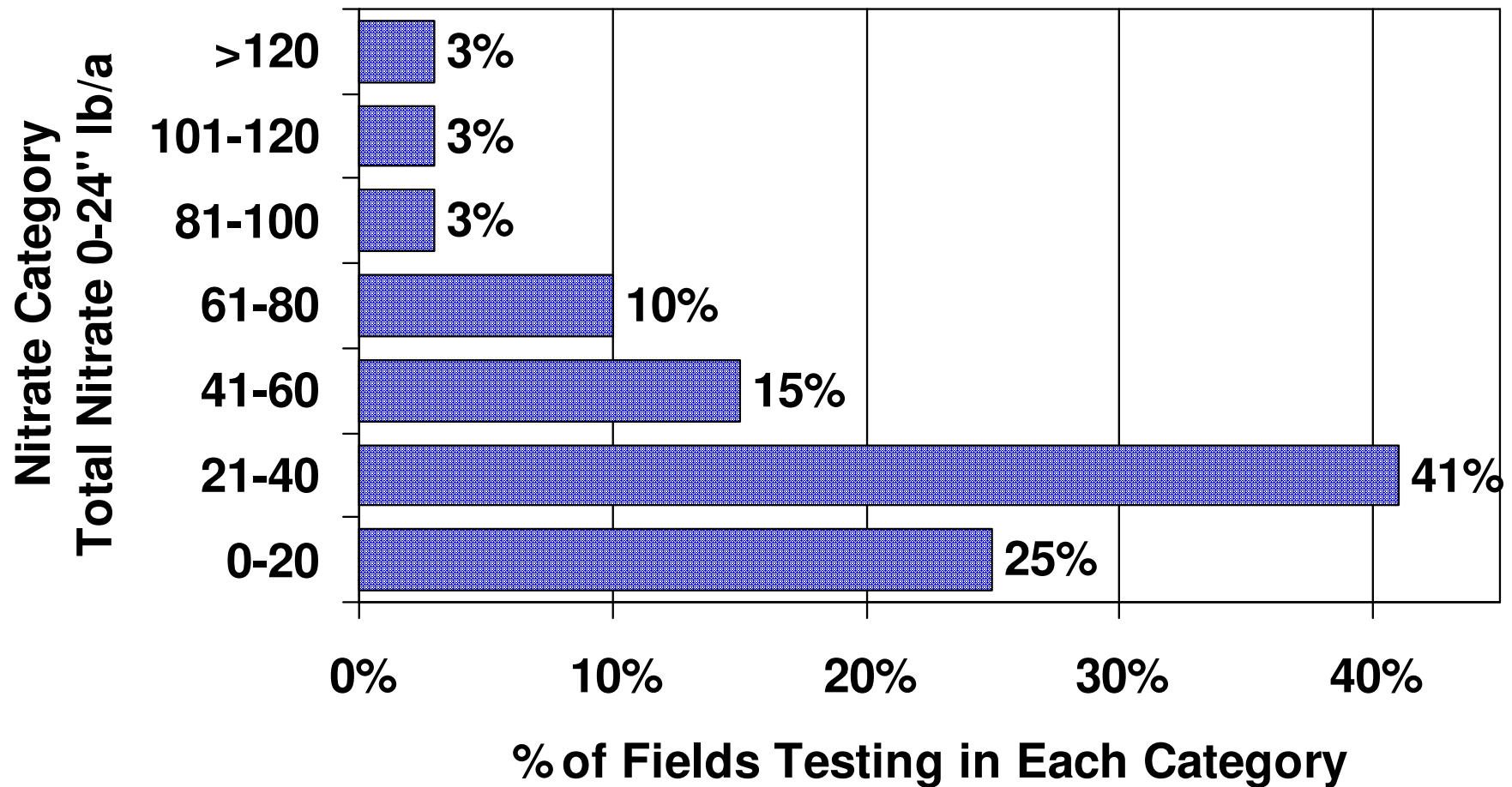




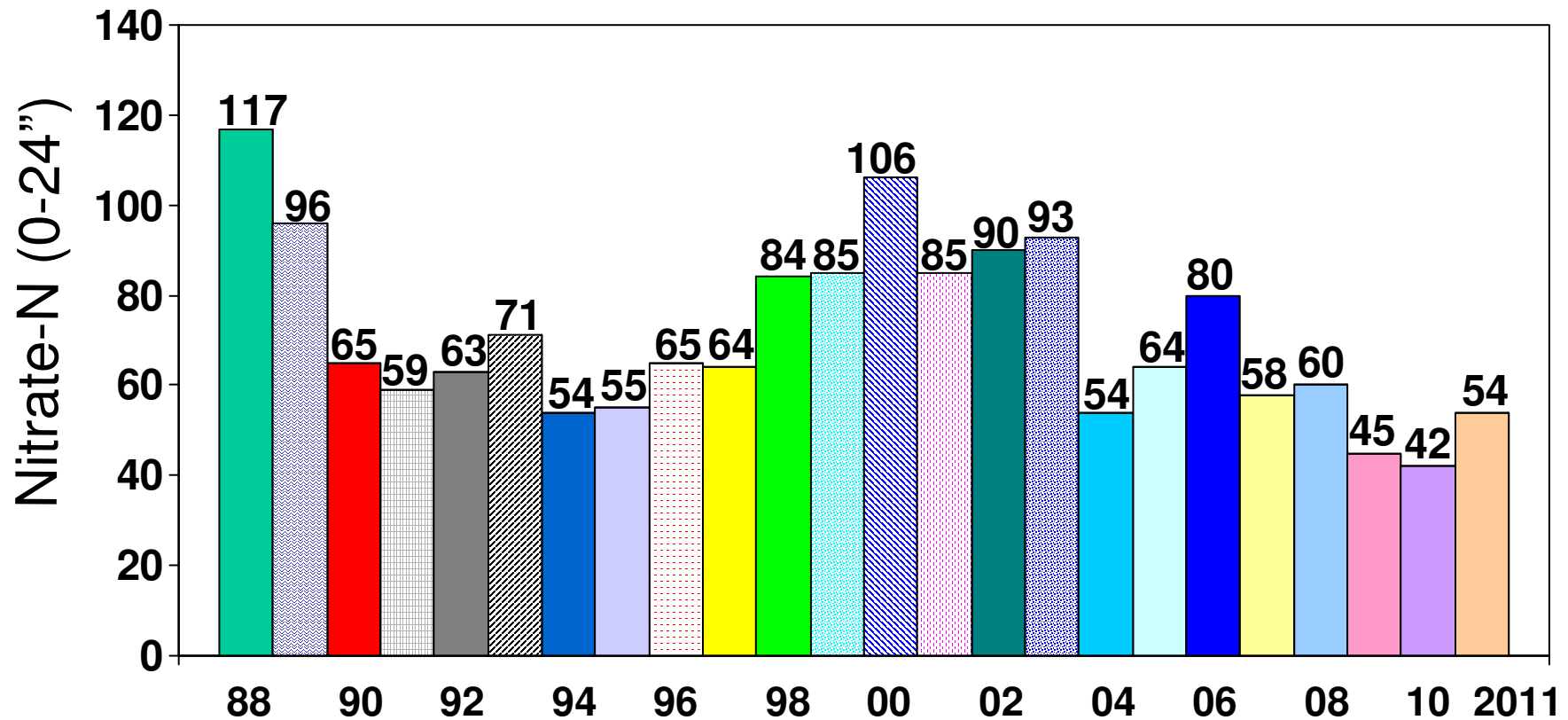
# Average Soil Nitrate following Corn in 2011 (Change from 2010 averages)



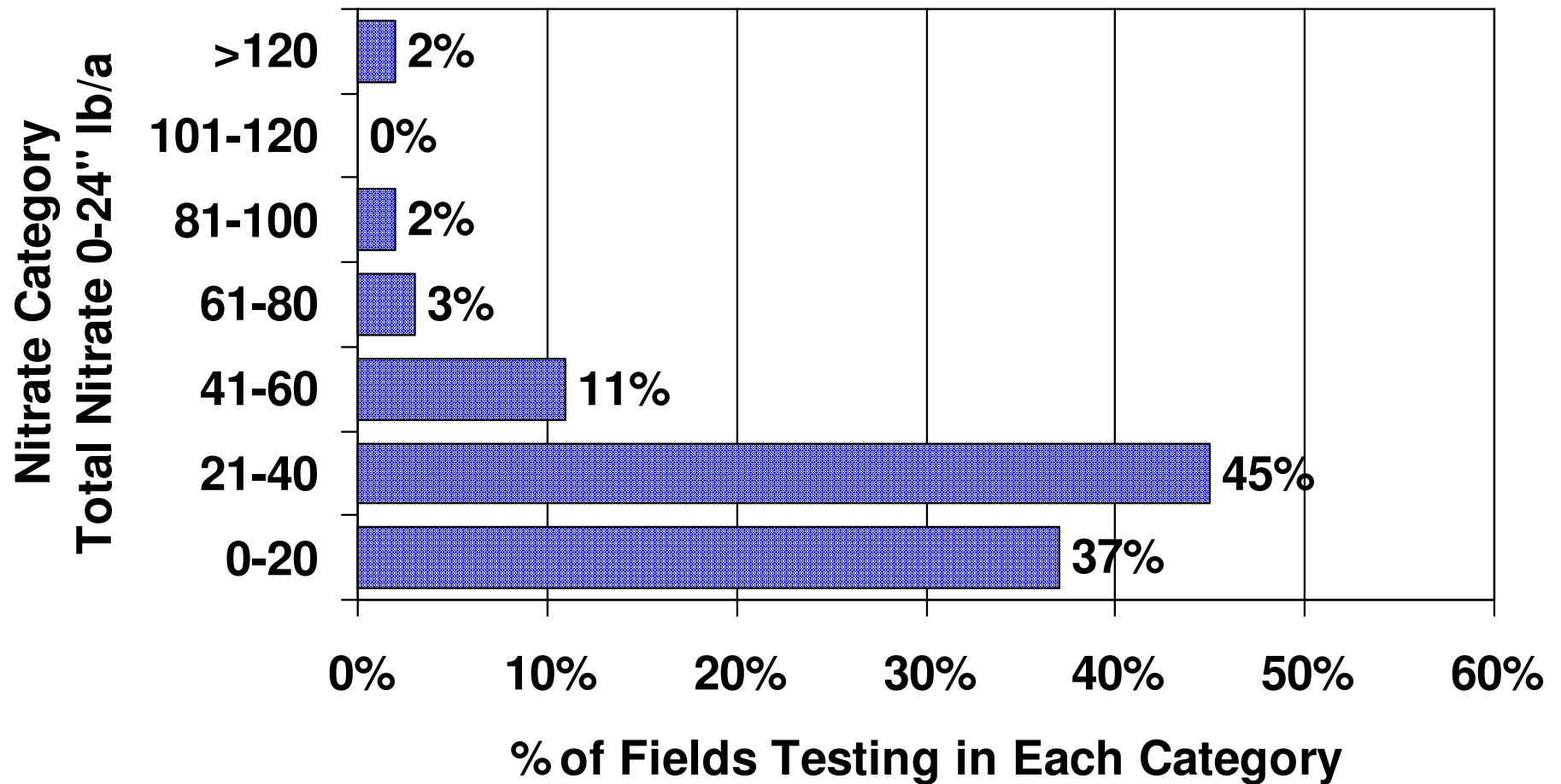
# ***Soil Nitrate Variability Between Fields Following “Corn” in Canada - 2011***



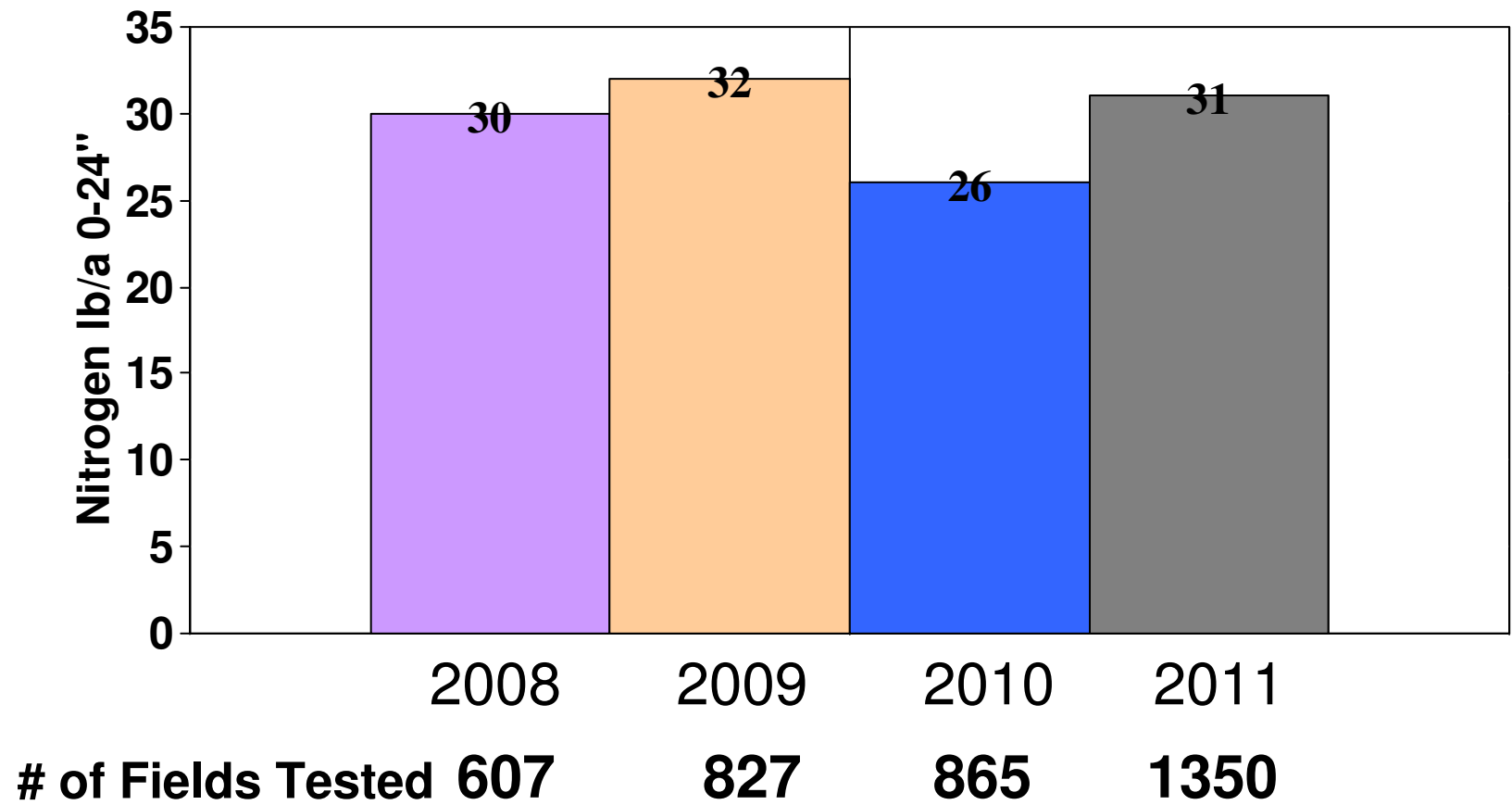
# *Average Soil Nitrate Following "CORN in Canada 1988-2011*



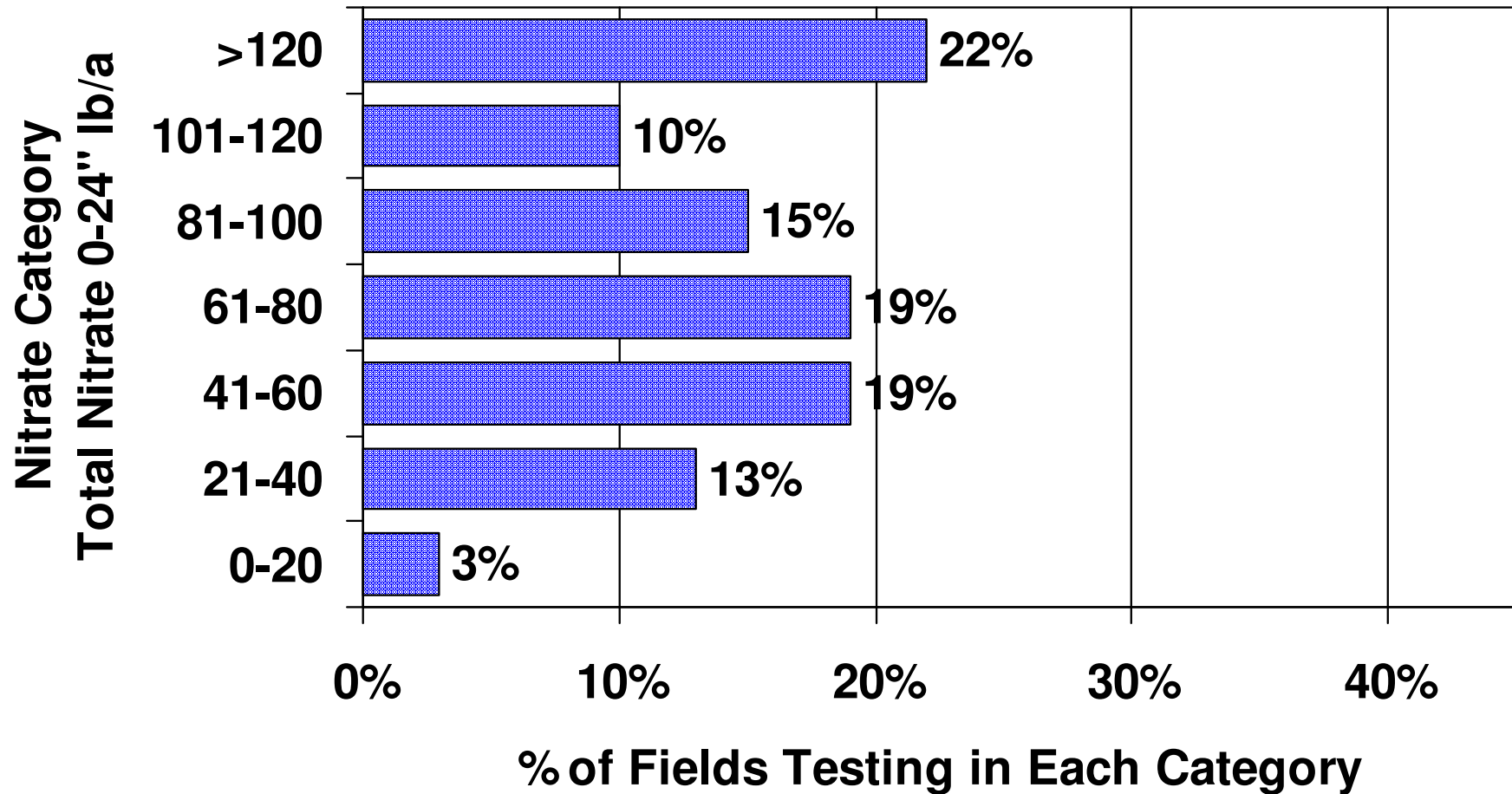
# *Soil Nitrate Variability Between Fields Following “Soybean” in Canada 2011*



# ***Average Soil Nitrate Following “Soybeans” in Canada***

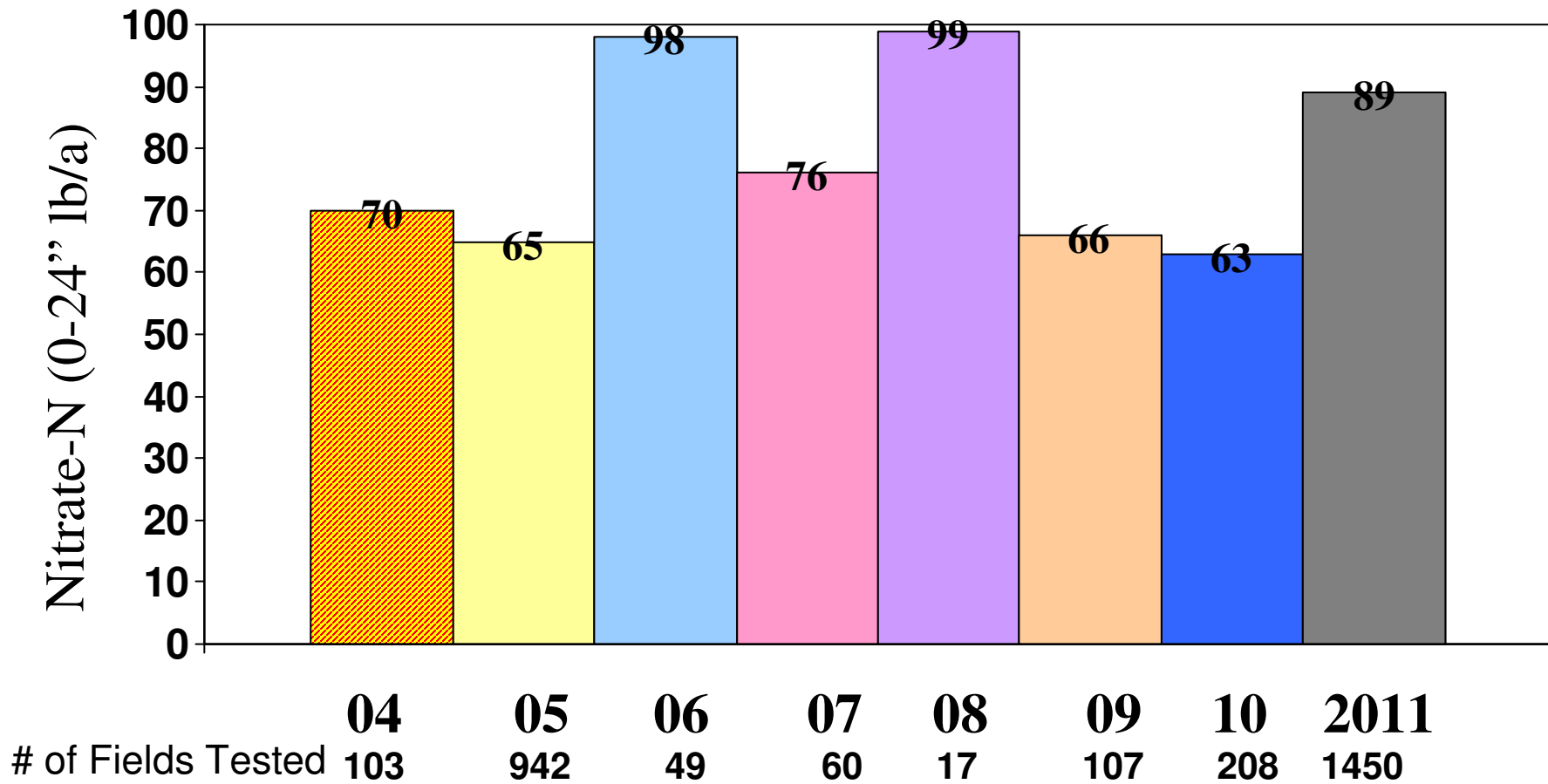


# ***Soil Nitrate Variability Between Fields Following “Fallow” in Canada 2011***

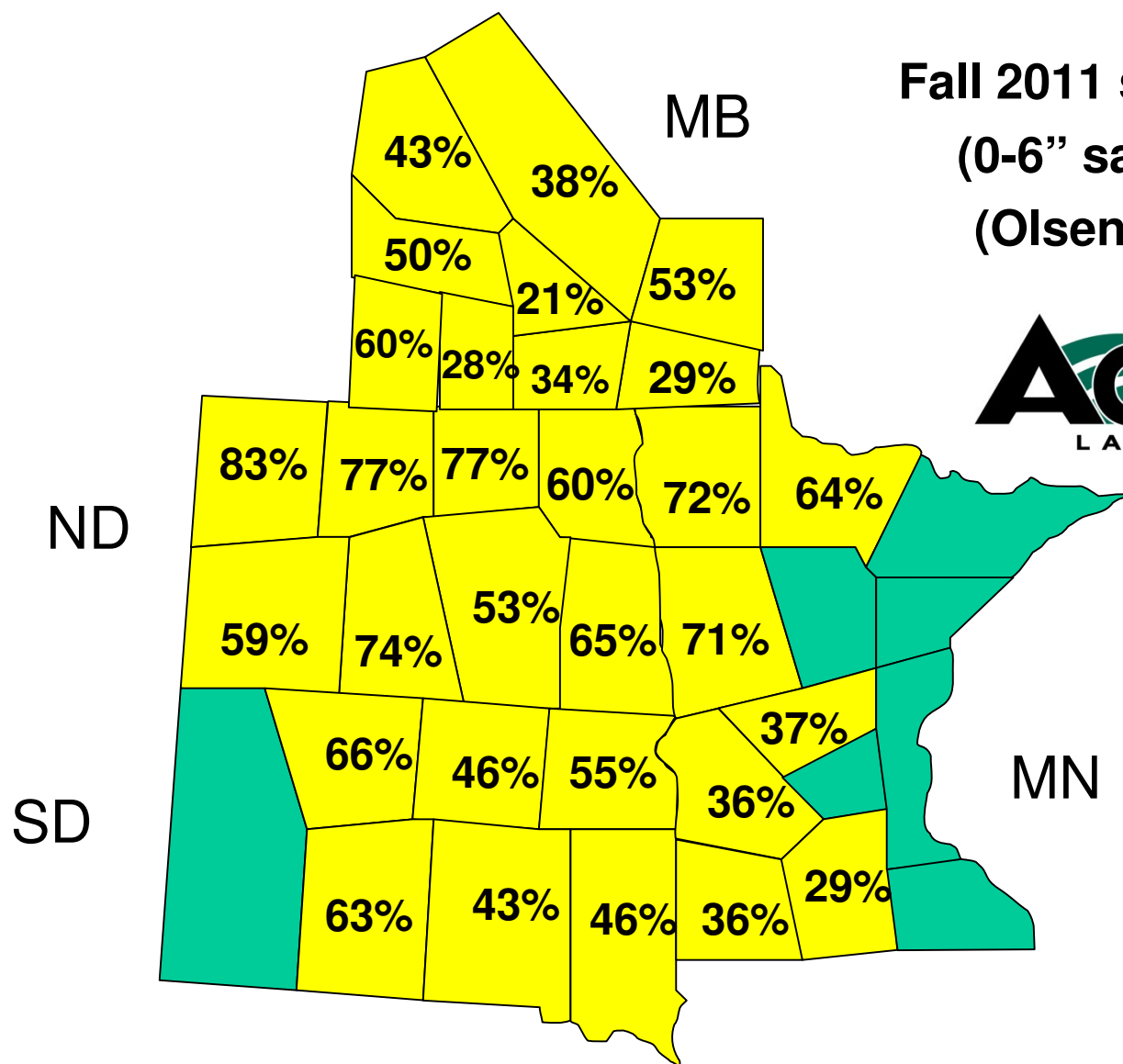


1450 Fallow (Unseeded) fields tested – fall 2011

# *Average Soil Nitrate Following “FALLOW” in Canada*



# **% Soil Samples with Phosphorus less than 10 ppm**



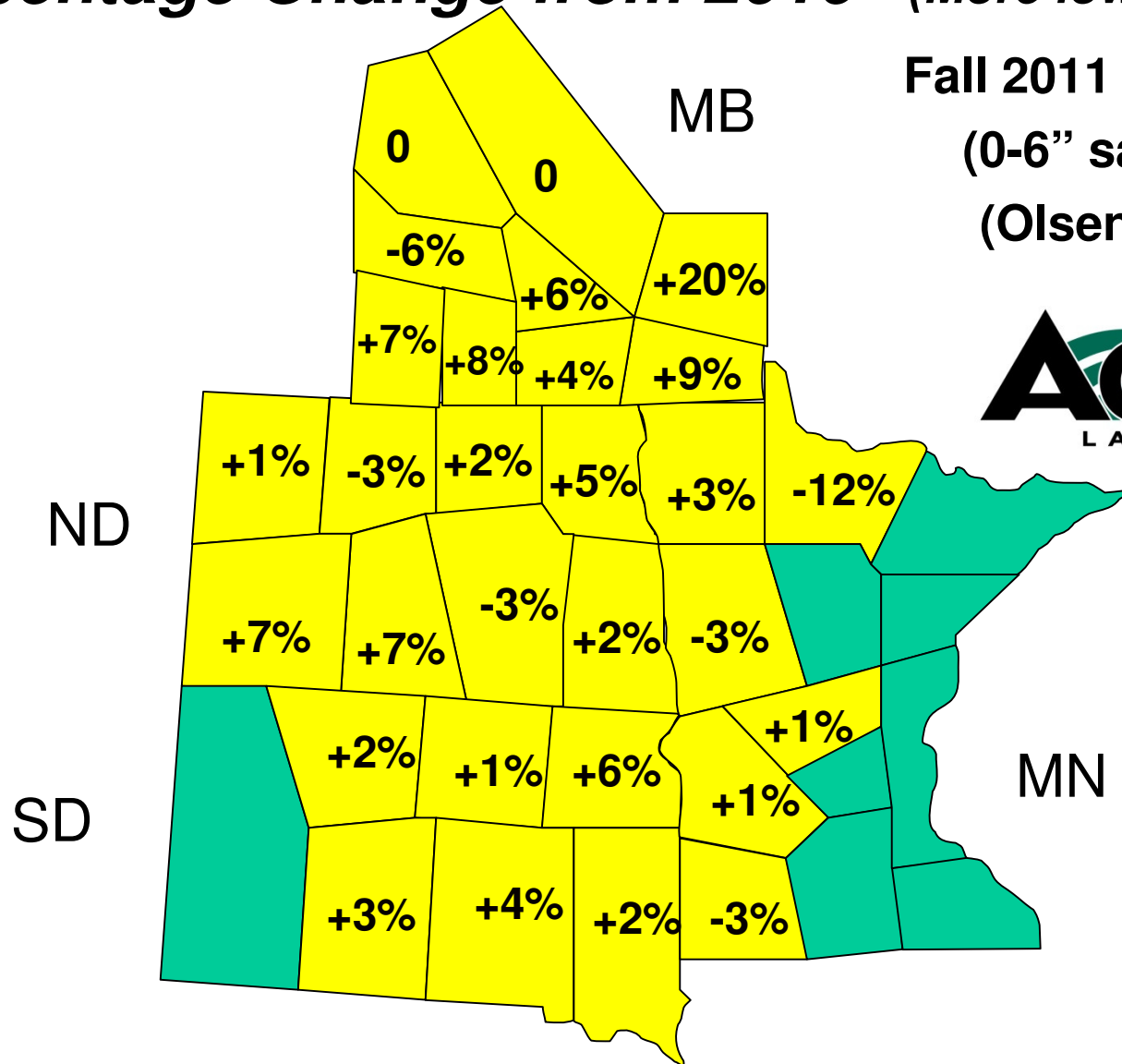
Fall 2011 samples  
(0-6" samples)  
(Olsen P test)



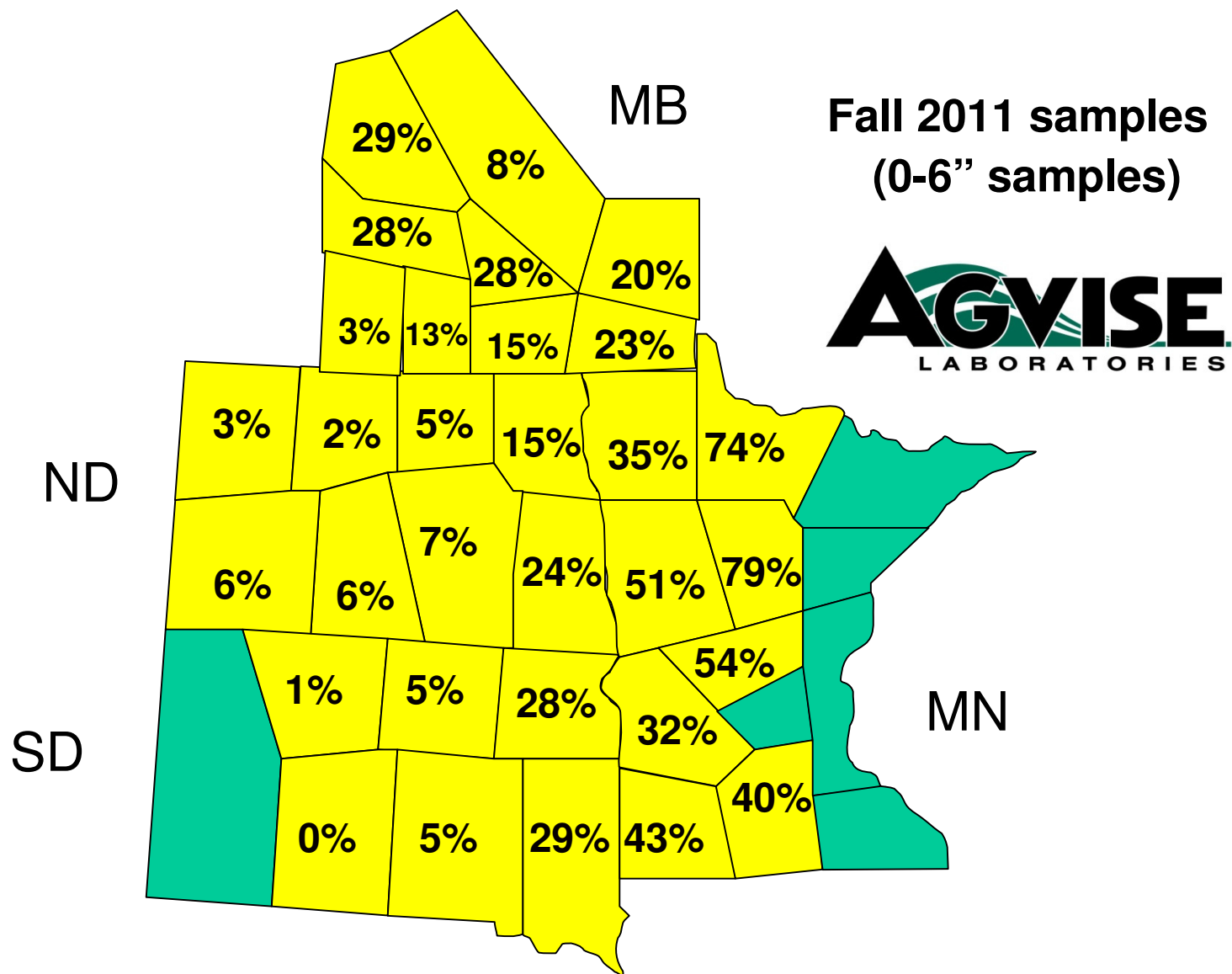


# **% Soil Samples with Phosphorus less than 10 ppm** **“Percentage Change from 2010”** (More low testing fields)

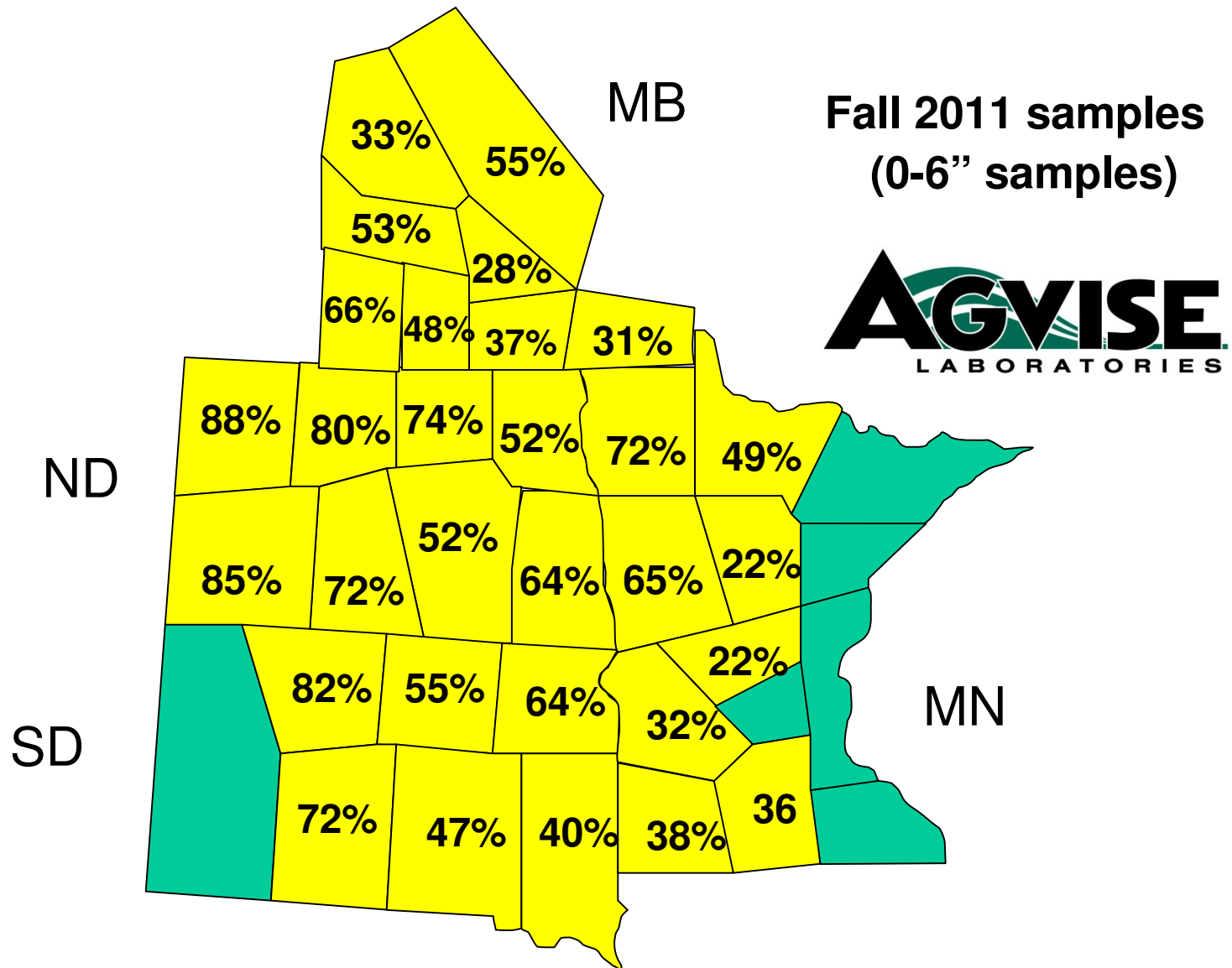
Fall 2011 samples  
(0-6” samples)  
(Olsen P test)



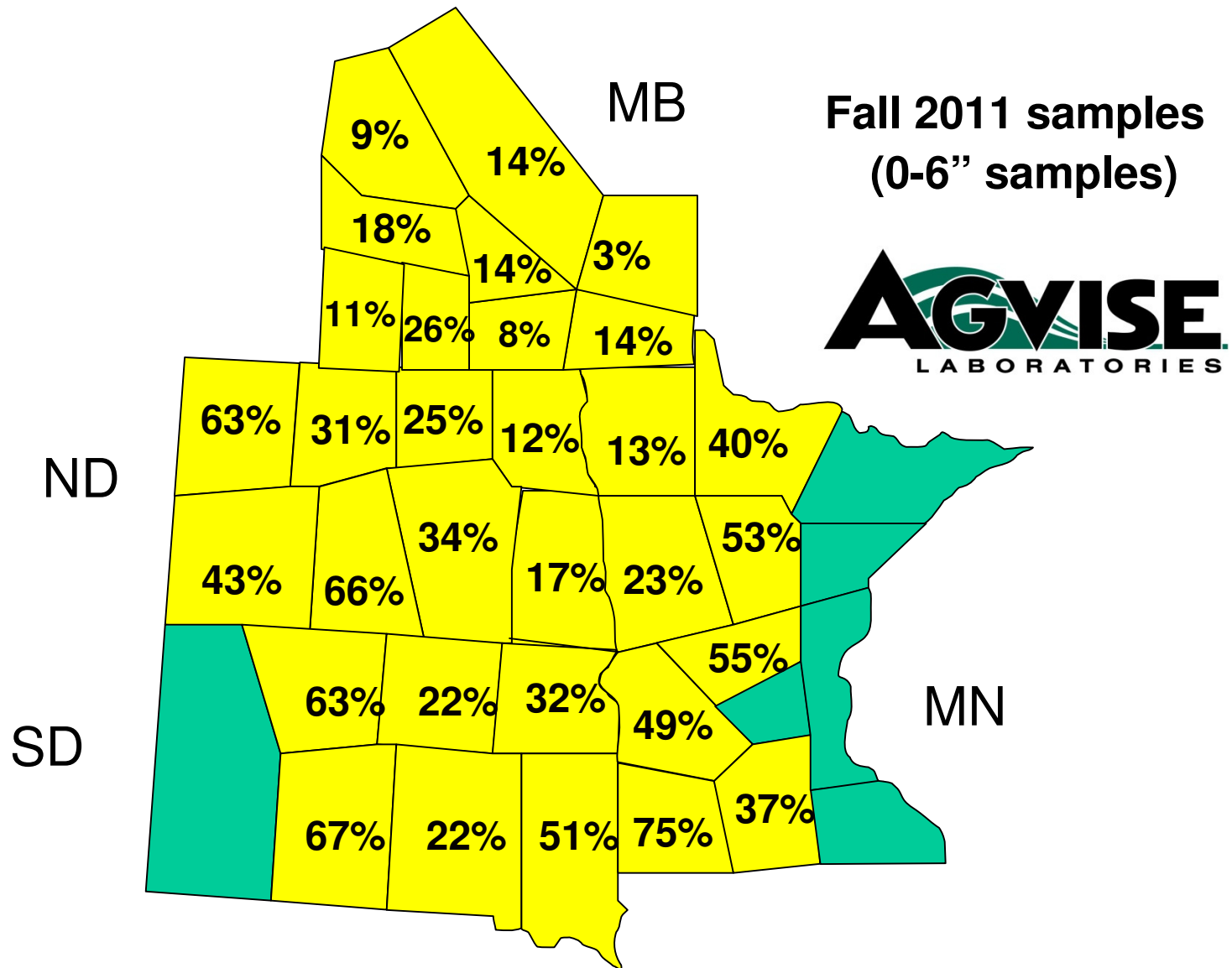
# **% Soil Samples with Potassium less than 150 ppm**



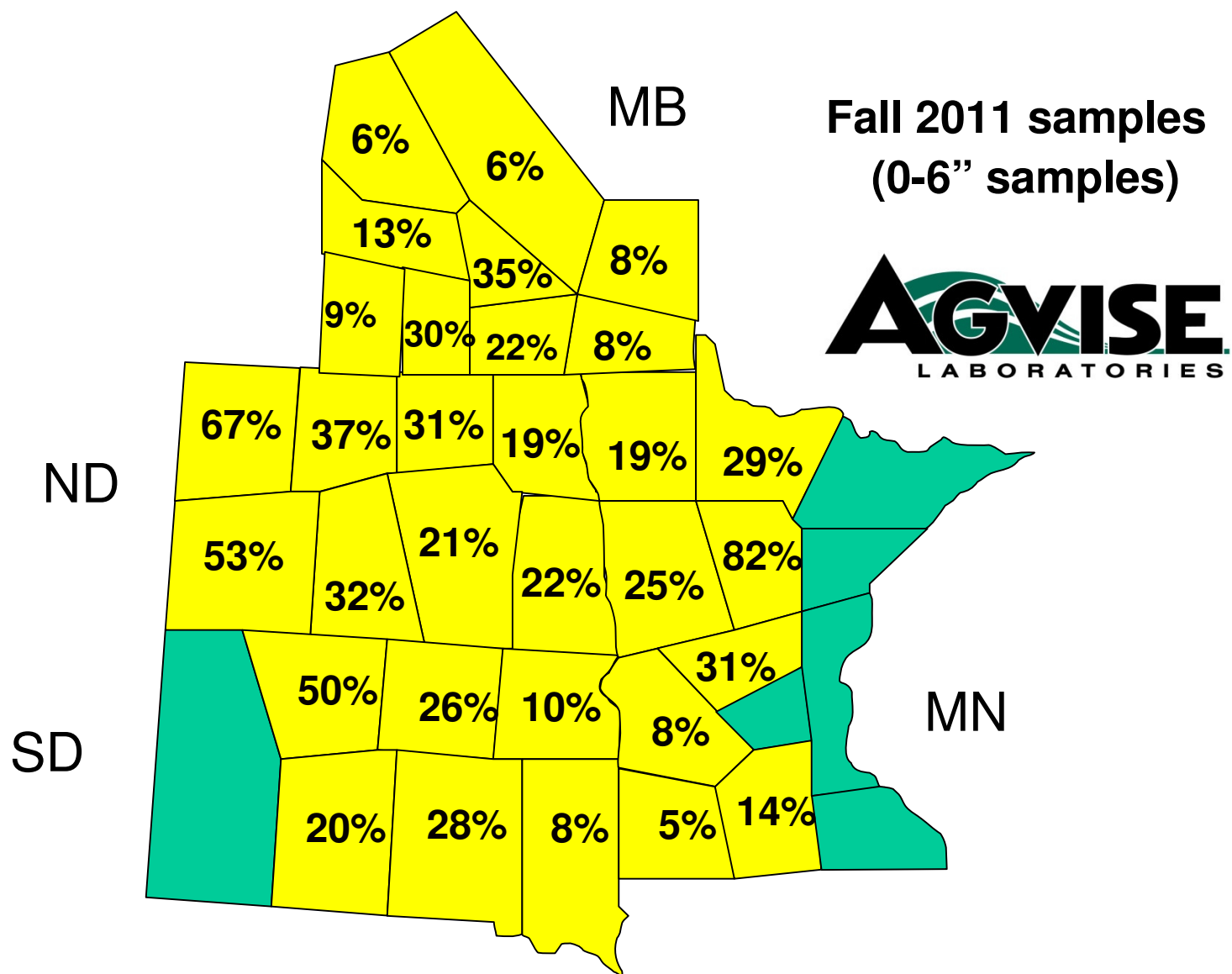
# ***% Soil Samples with Zinc less than 1.0 ppm***



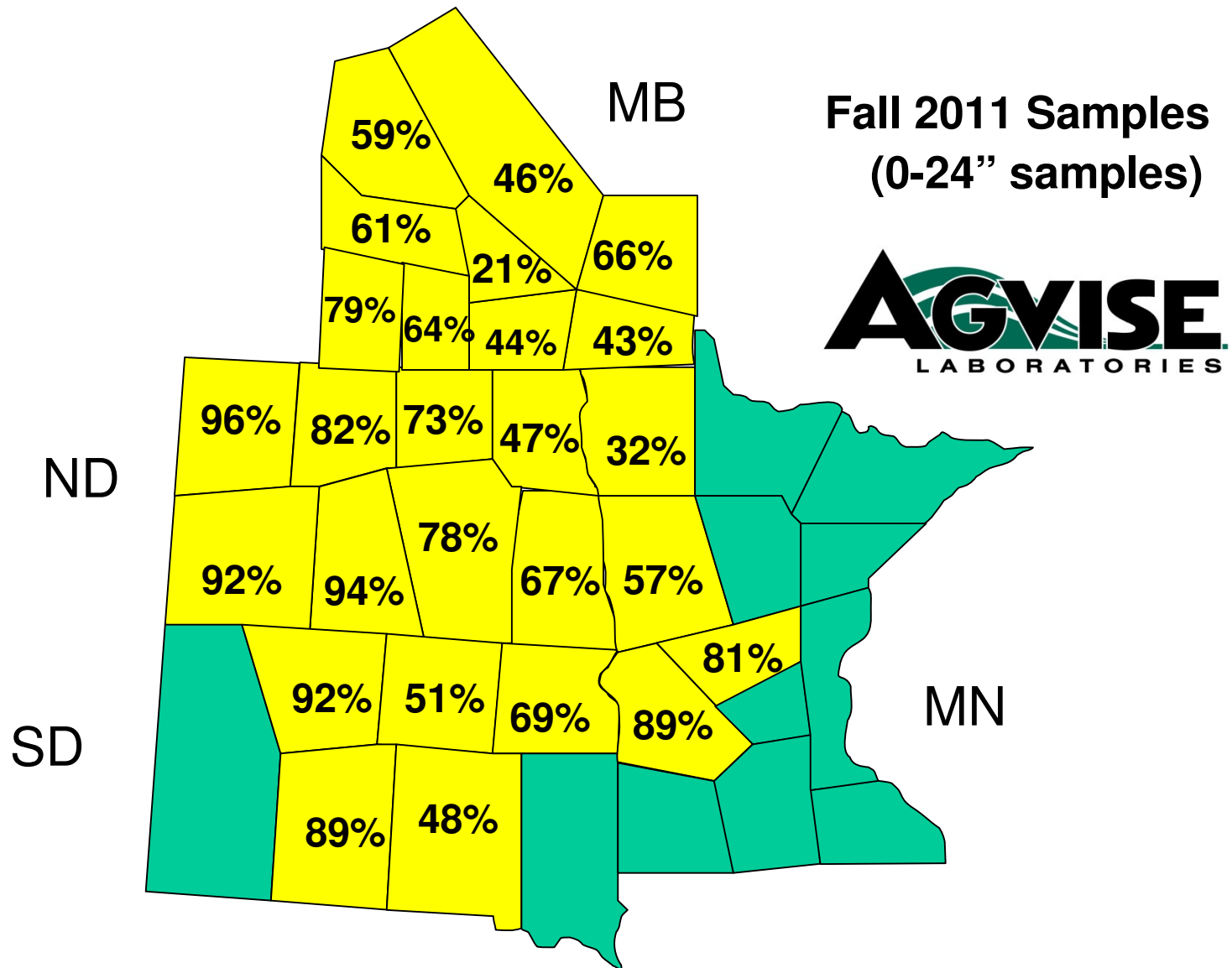
# *% Soil Samples with Sulfur less than 15 lb/a*



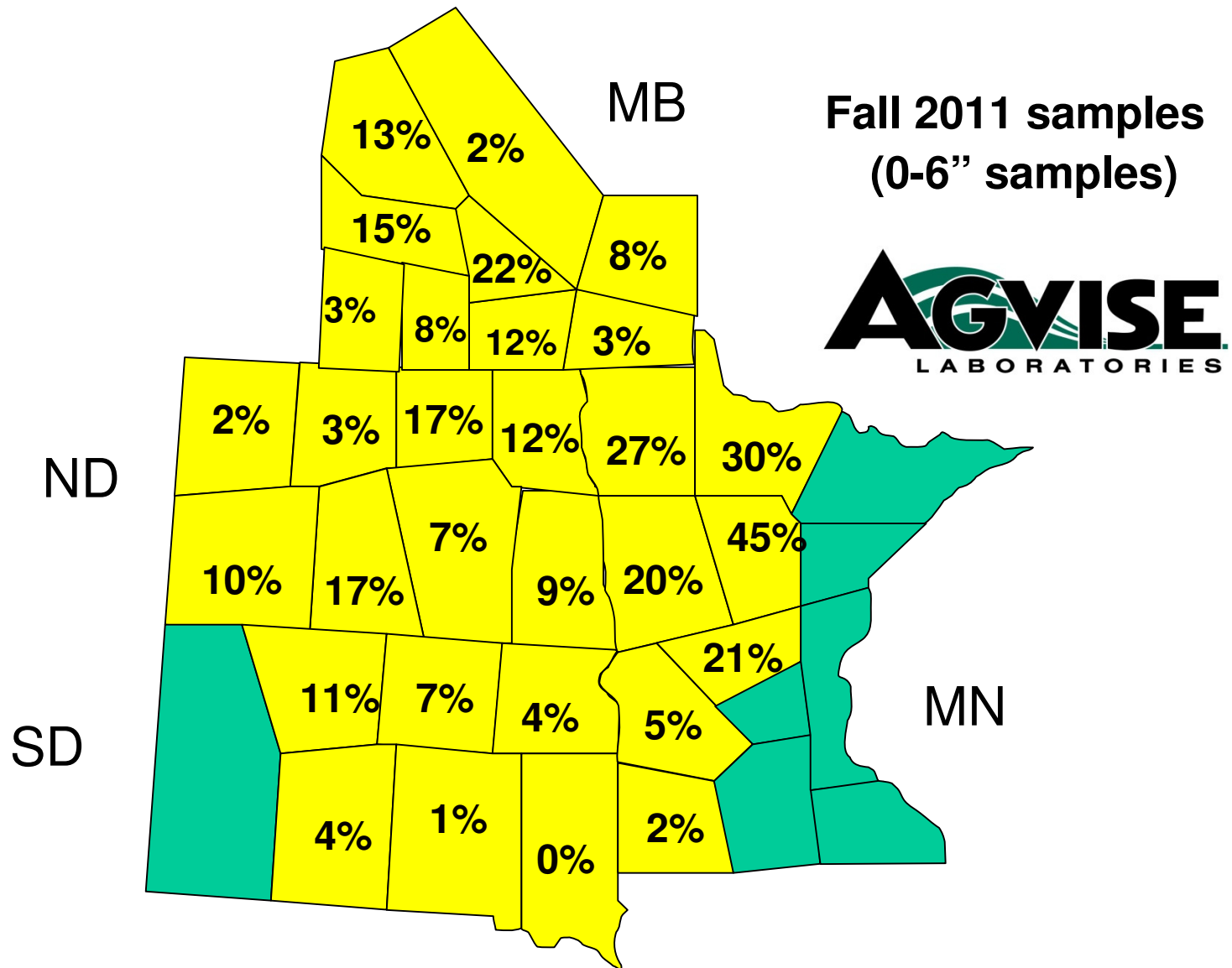
# **% Soil Samples with %OM less than 3.0%**



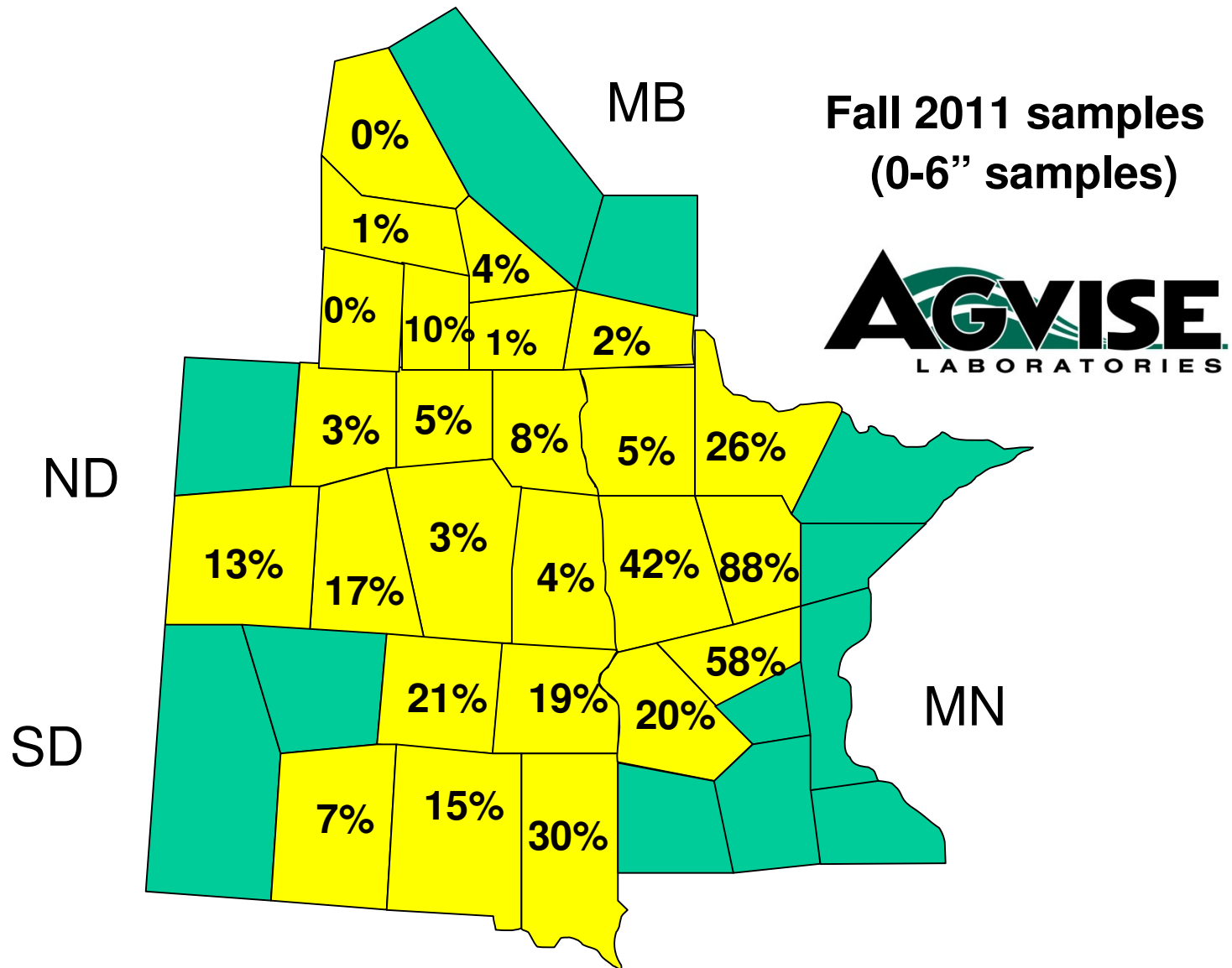
# ***% Soil Samples with Chloride less than 40 lb/a***



# *% Soil Samples with Copper less than 0.5 ppm*

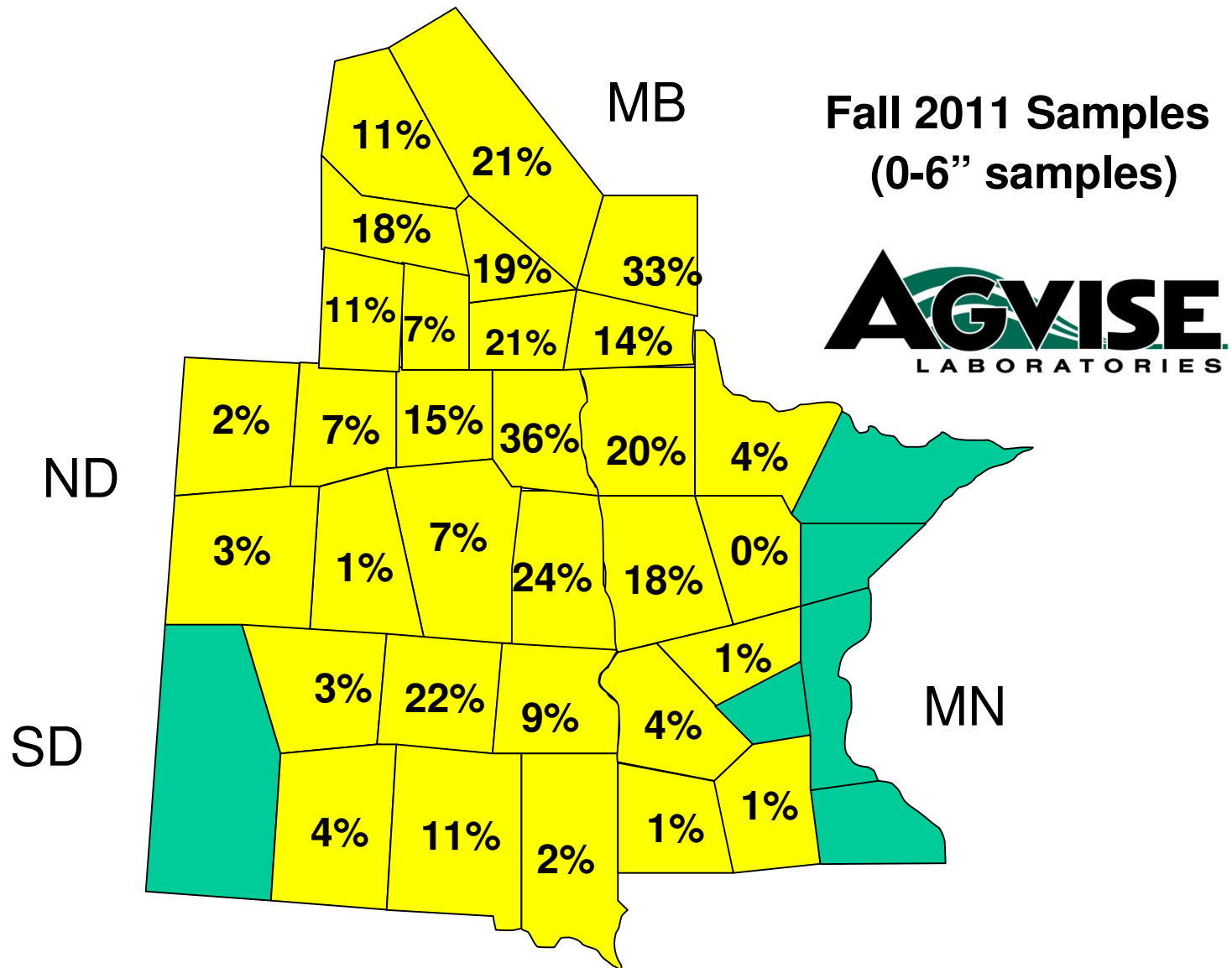


# *% Soil Samples with Boron less than 0.4 ppm*



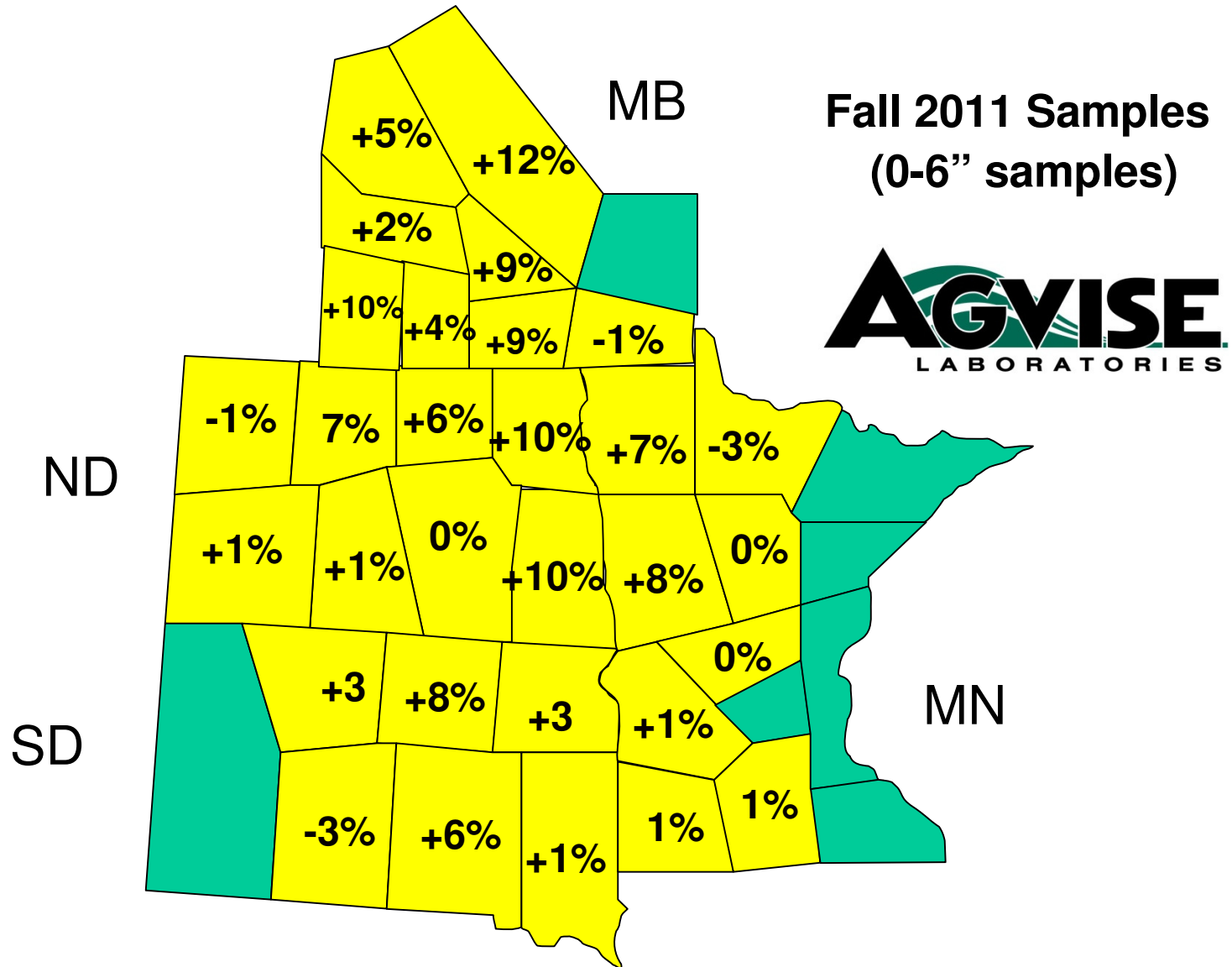


# *% Soil Samples with Salts greater than 1.0*

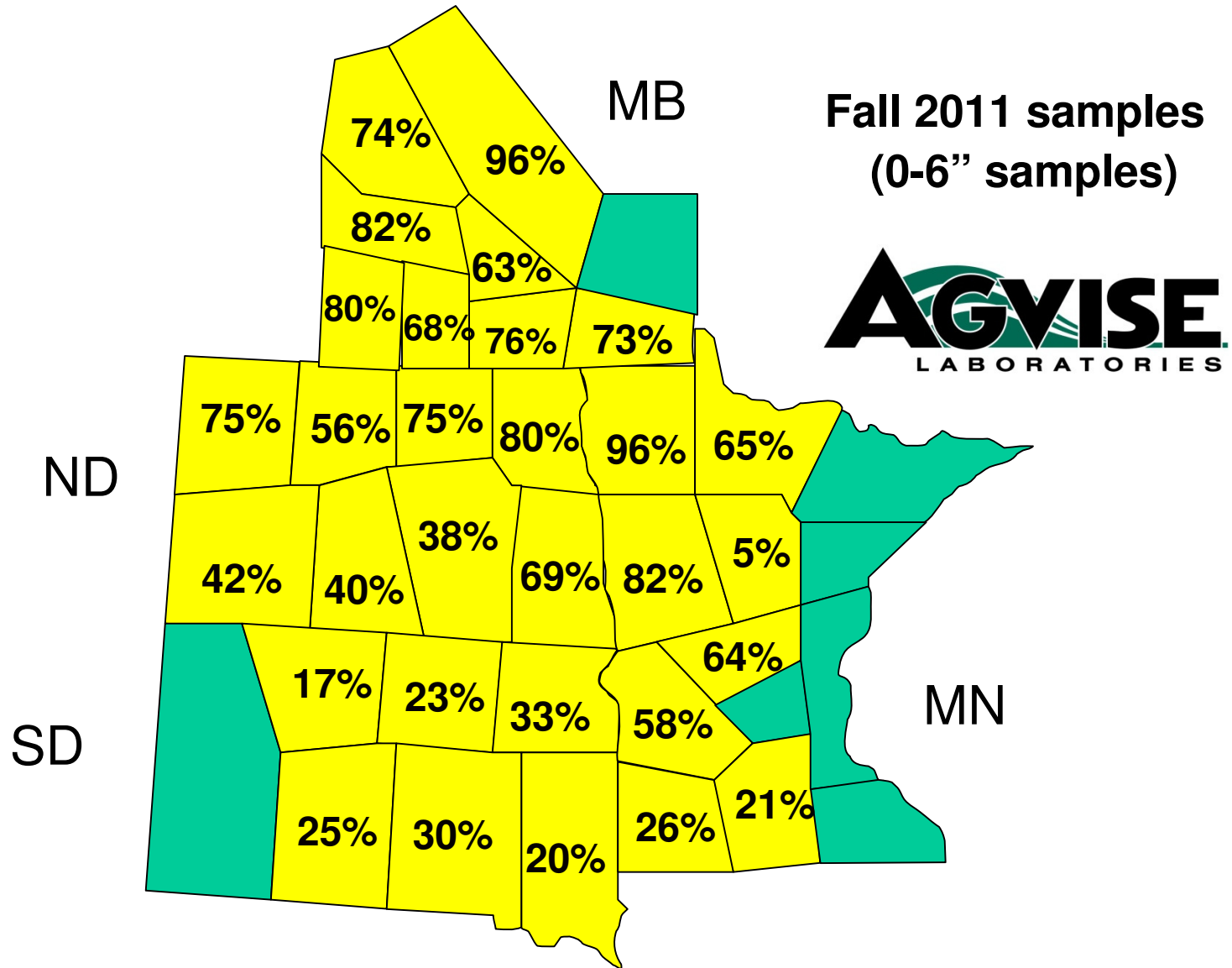


# **% Soil Samples with Salts greater than 1.0**

**“% Change from 2010” (more high salt fields)**



# *% Soil Samples with Soil pH greater than 7.3*



# *% Soil Samples with Carbonate greater than 5.0%*

