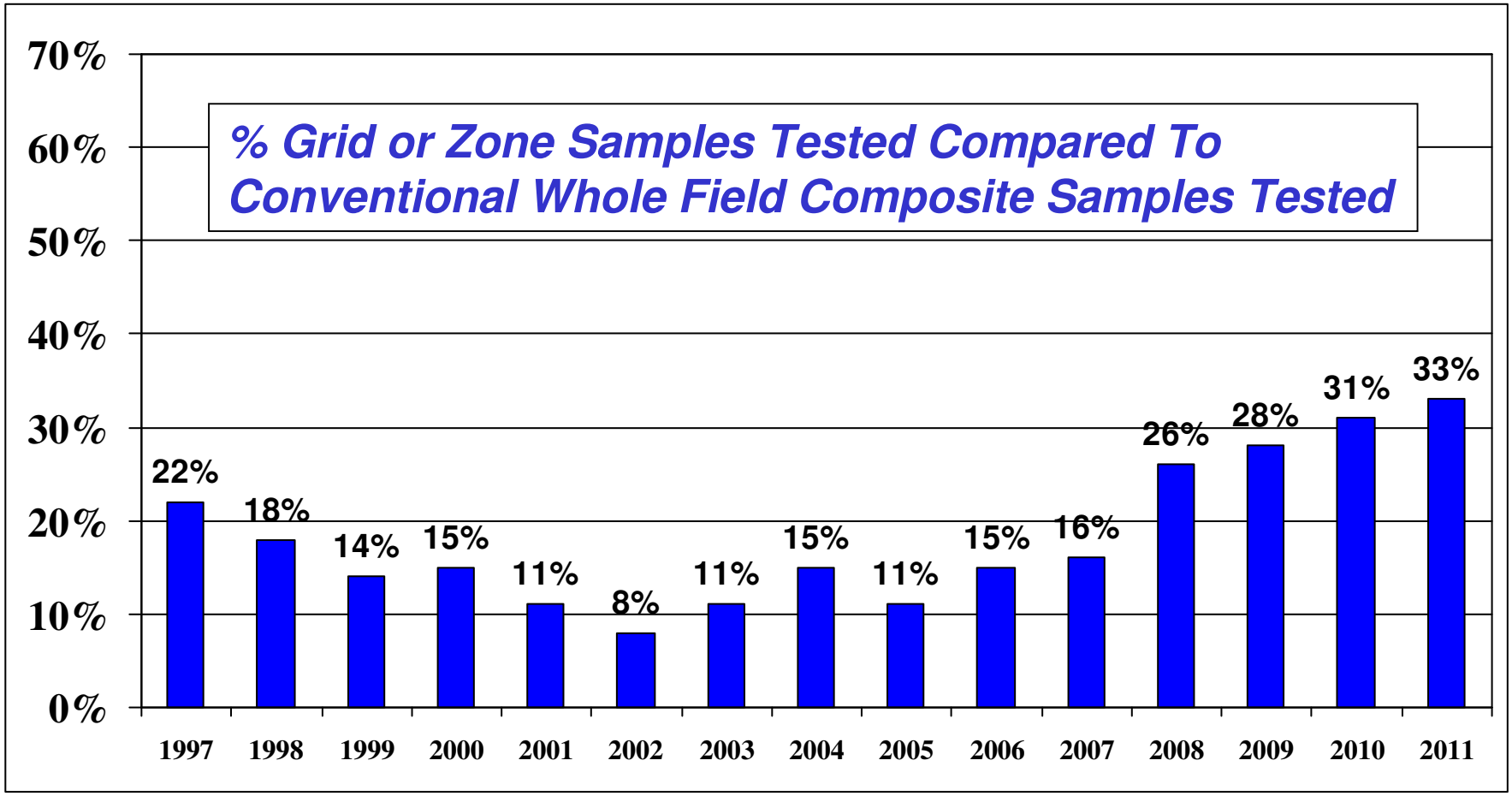
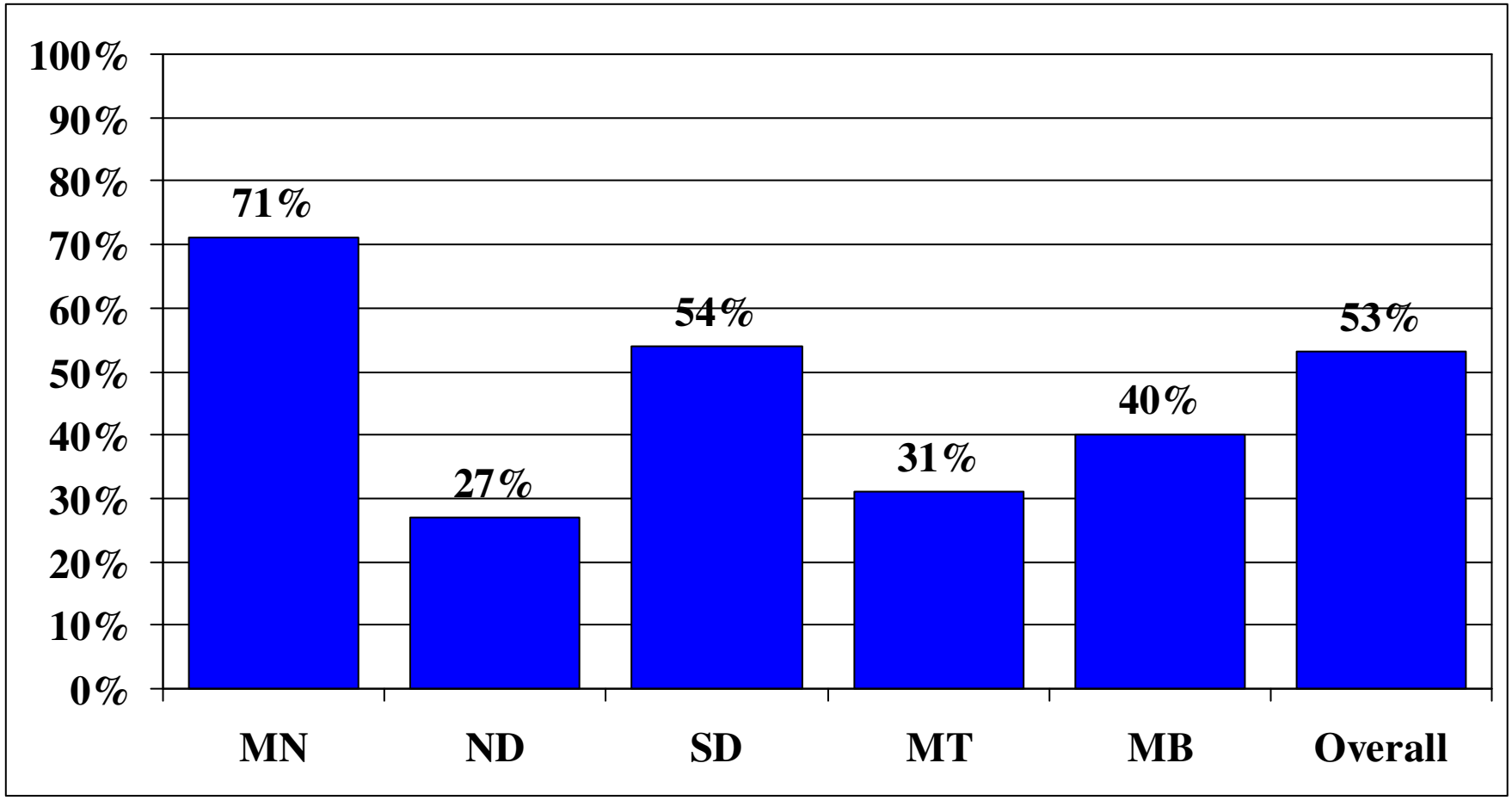
AGVISE Laboratories

%Zone or Grid Samples – Northwood laboratory
1997 - 2011

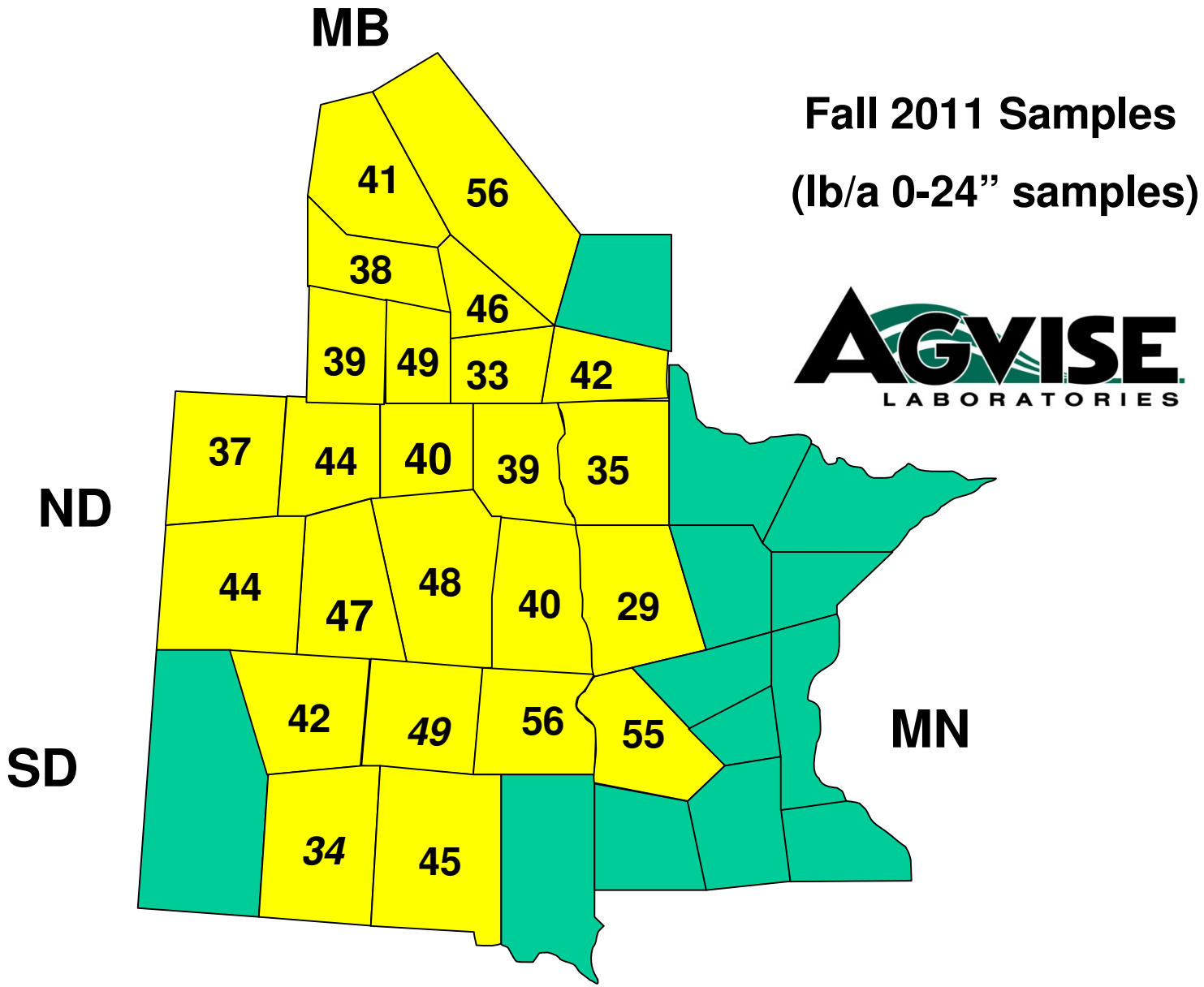


AGVISE Laboratories

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



Average Soil Nitrate following Wheat in 2011



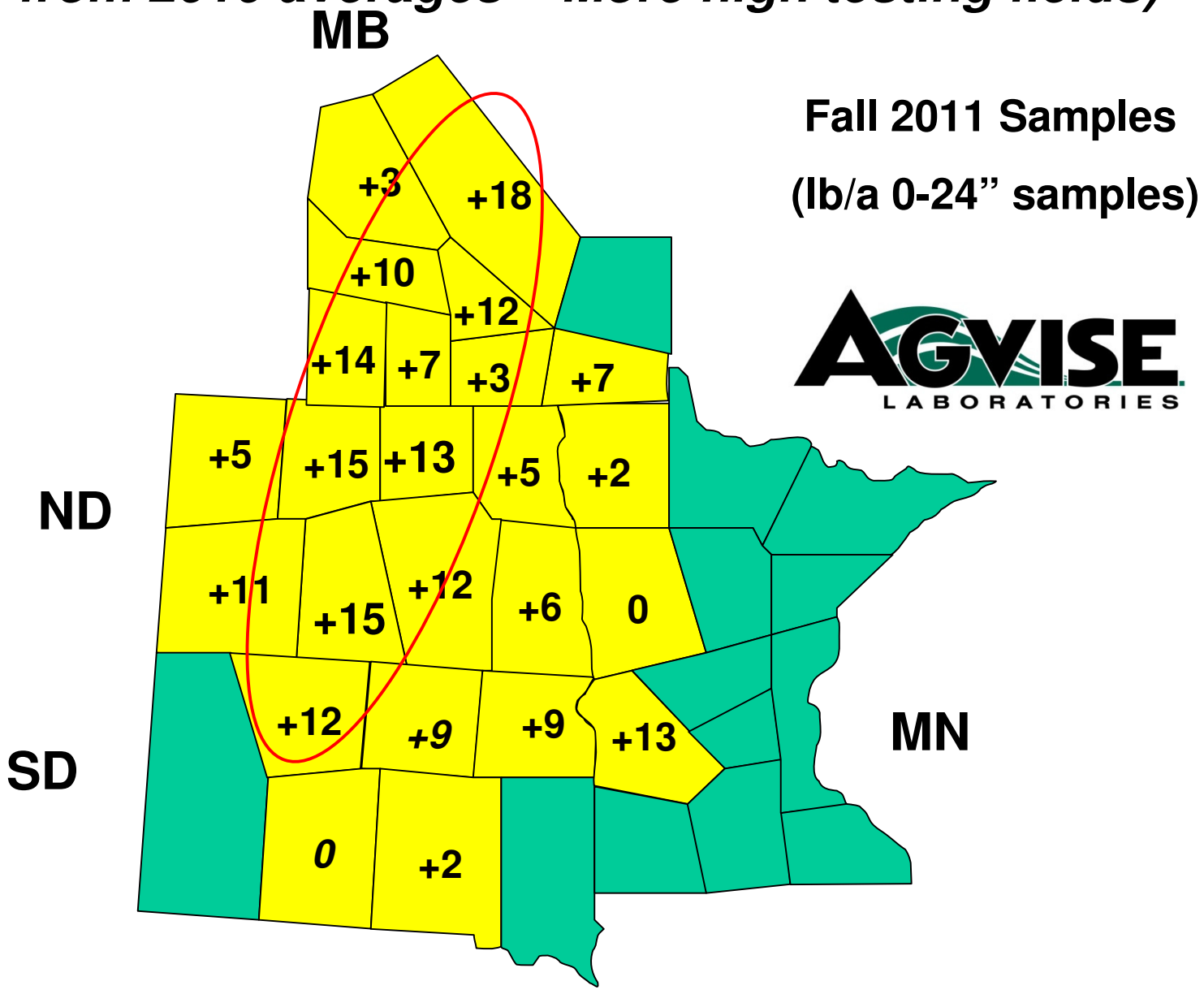
Fall 2011 Samples

(lb/a 0-24" samples)

AGVISE LABORATORIES

Average Soil Nitrate following Wheat in 2011

(change from 2010 averages – More high testing fields)

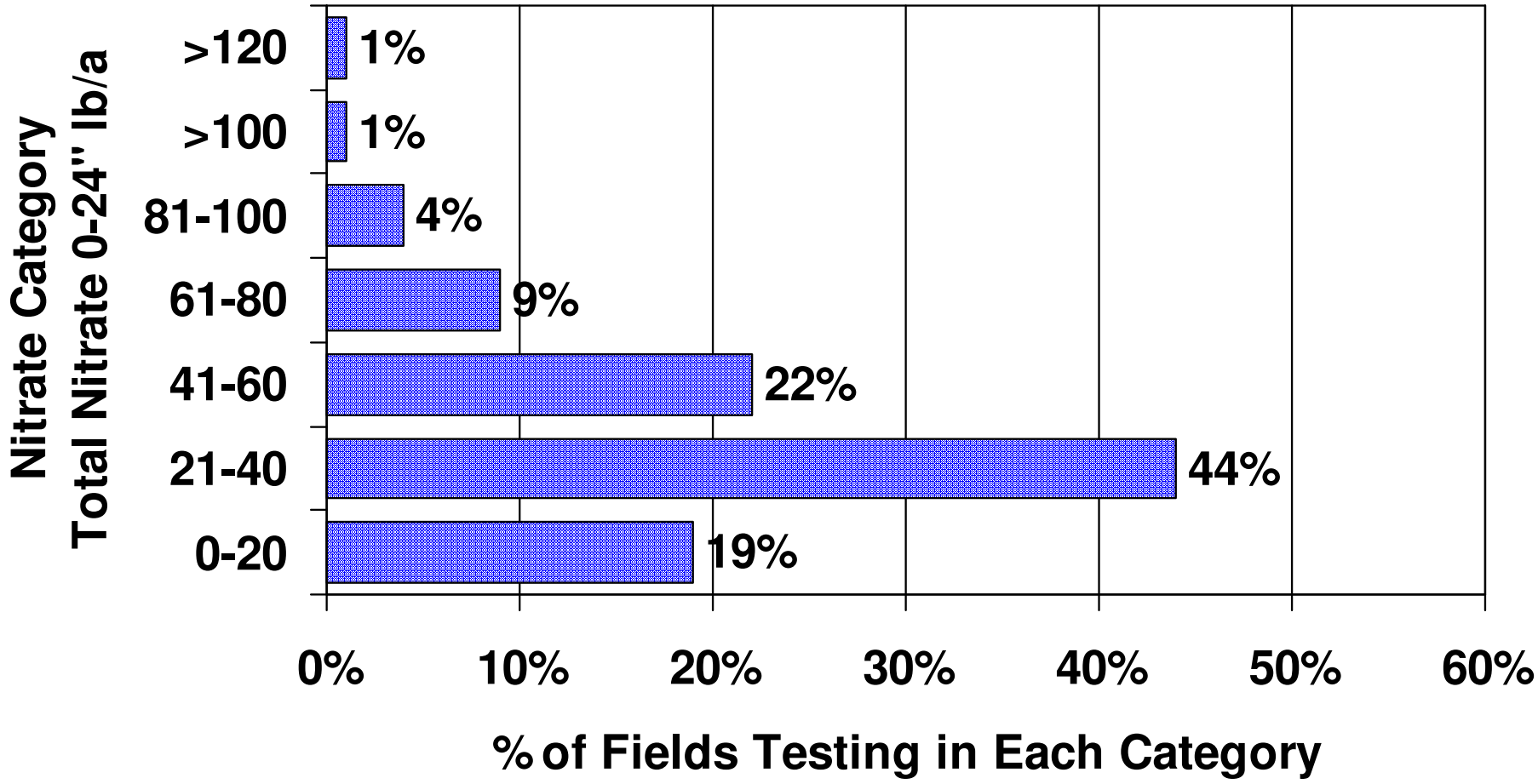


Fall 2011 Samples

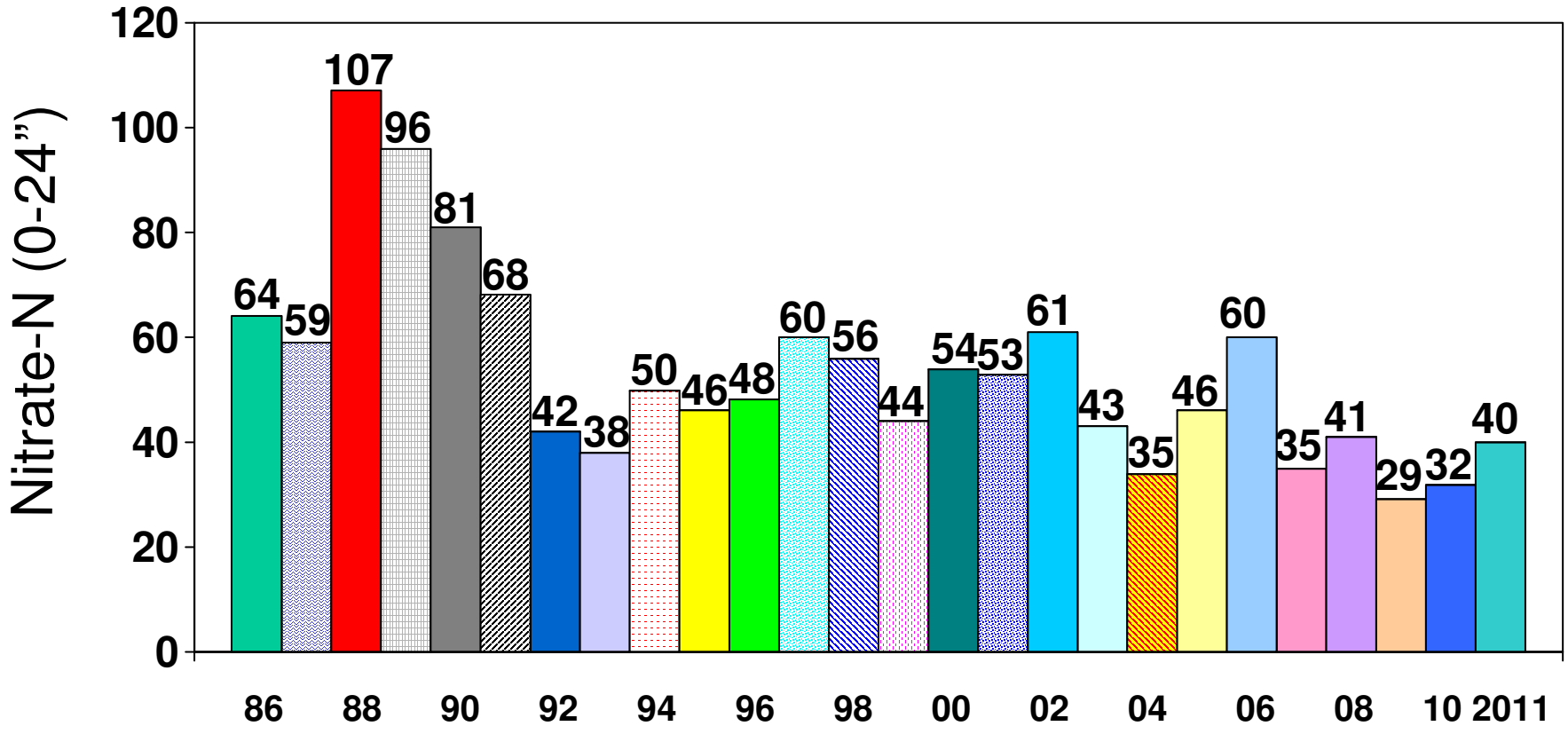
(lb/a 0-24” samples)

AGVISE LABORATORIES

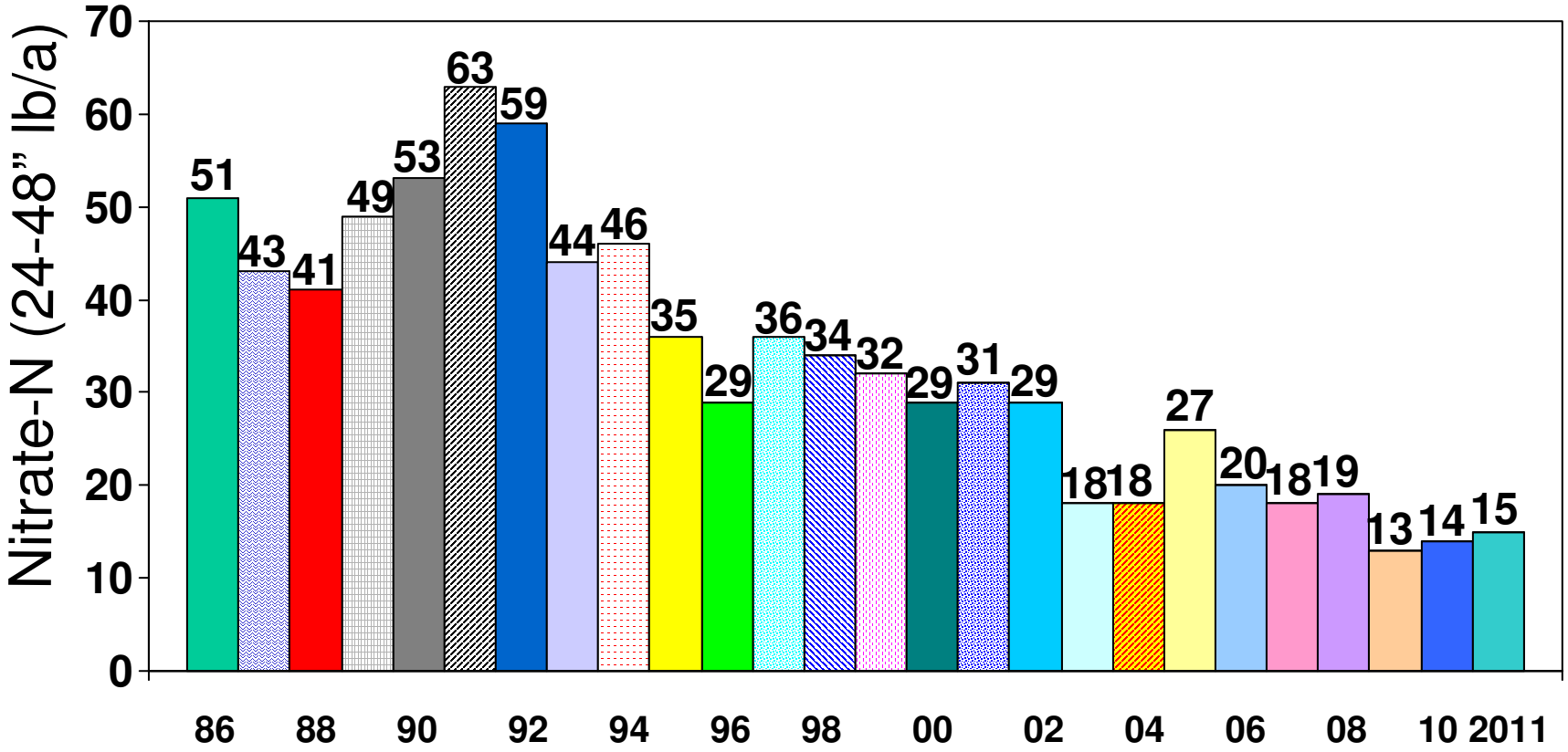
Soil Nitrate Variability Between Fields Following "WHEAT" in 2011



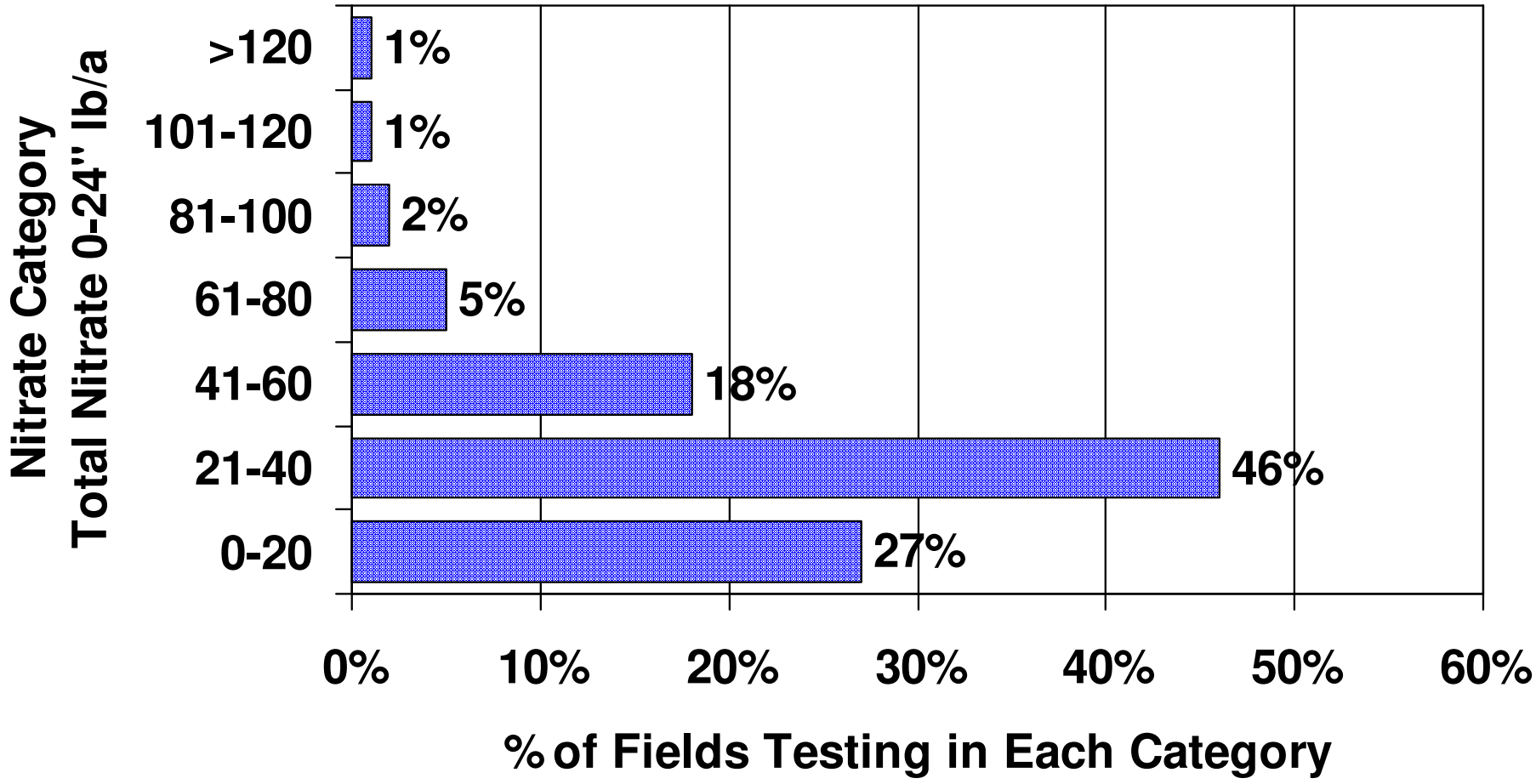
Average Soil Nitrate Following "WHEAT" 1986-2011



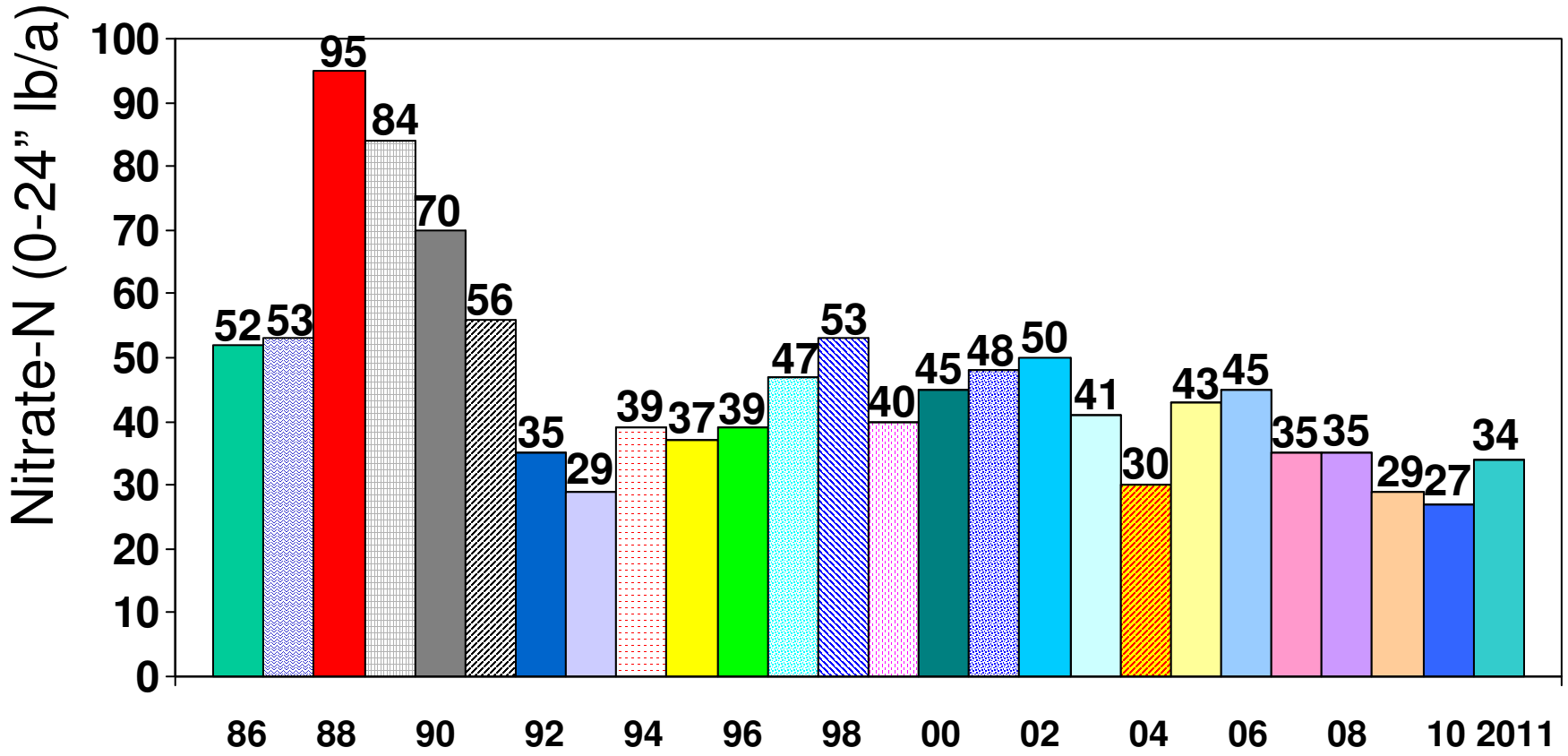
Average Soil Nitrate Following Wheat For Region (1986-2011) Deep "N" (24-48" lb/a)



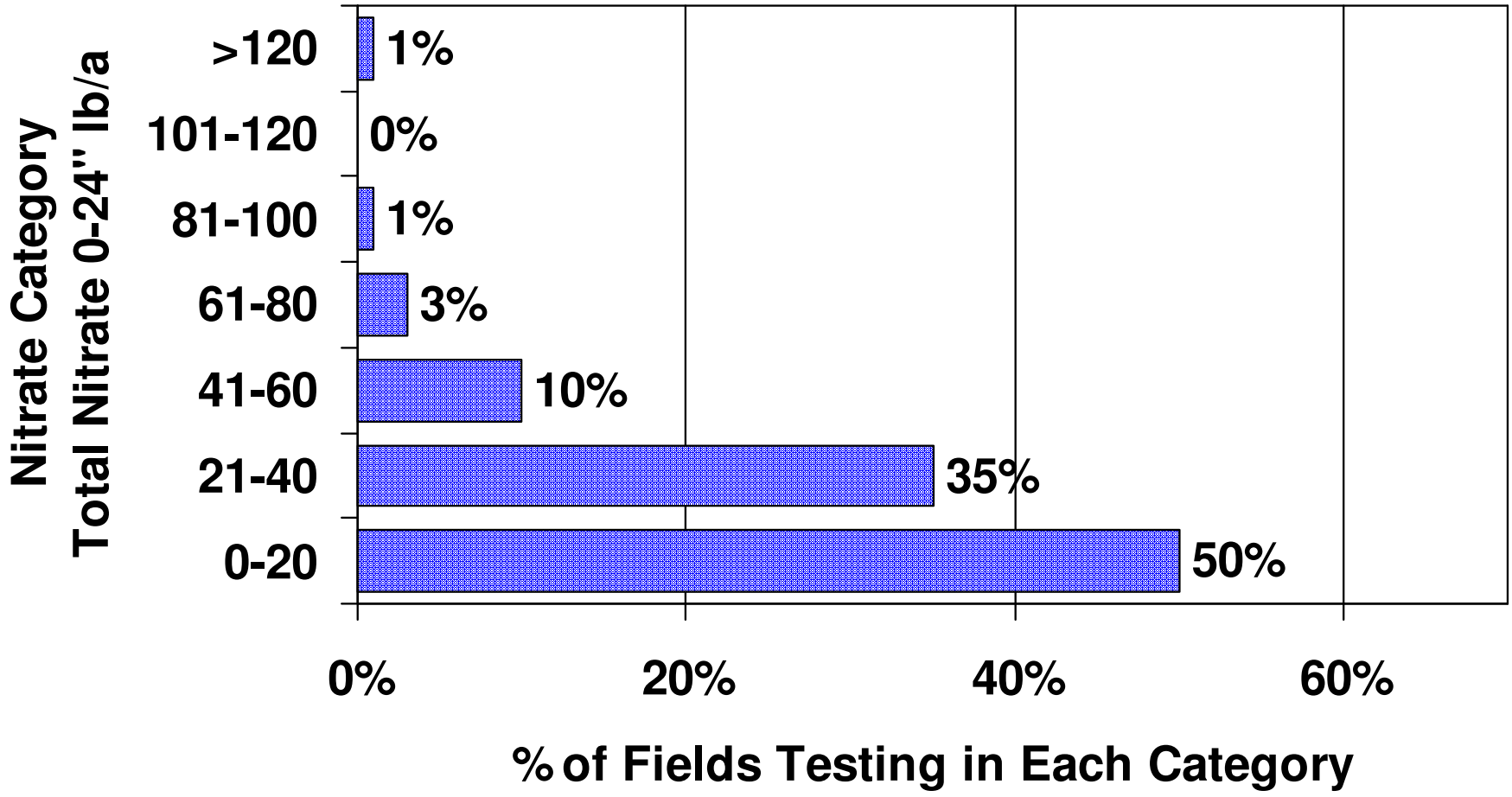
Soil Nitrate Variability Between Fields Following "Barley" in 2011



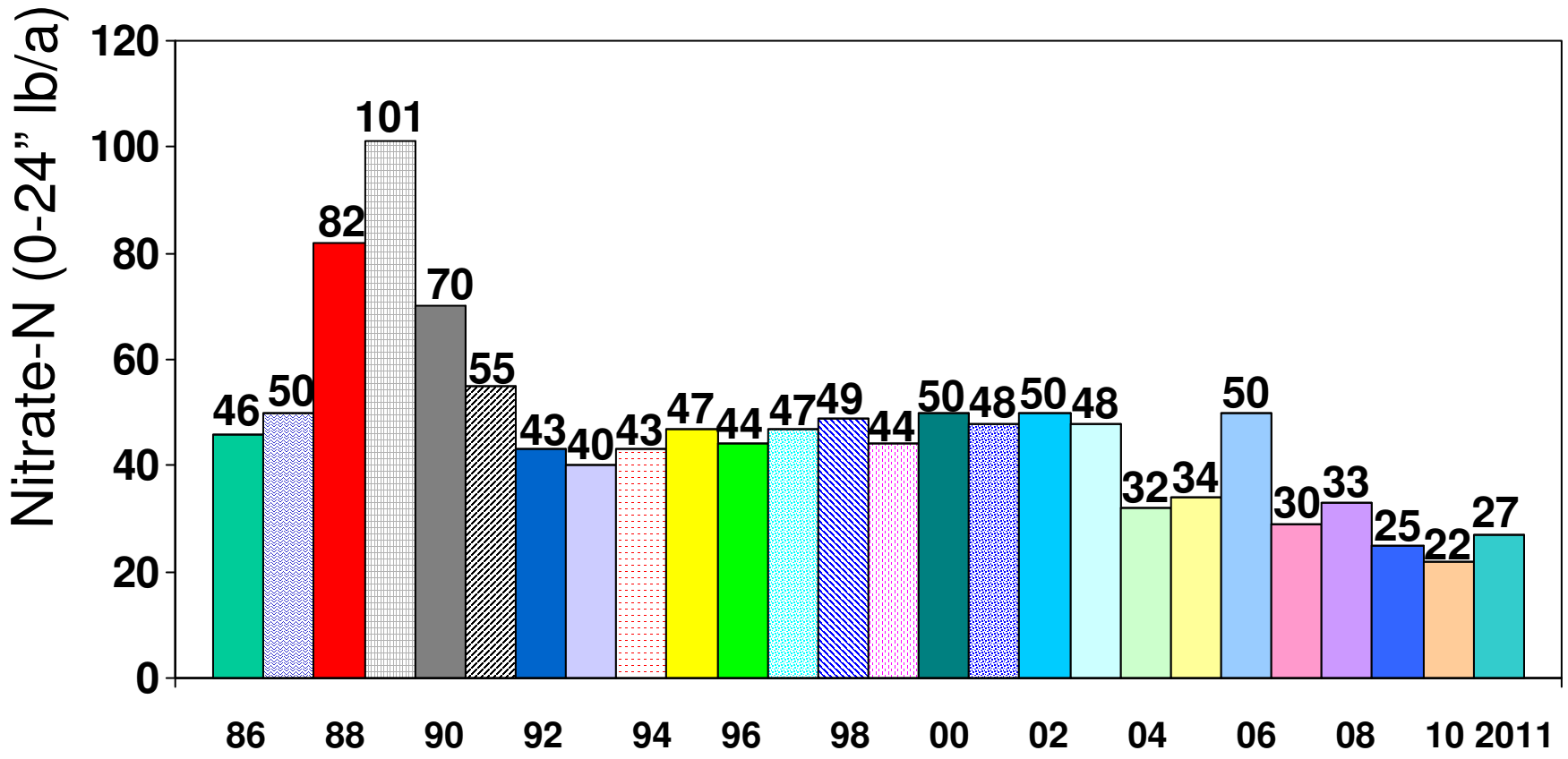
Average Soil Nitrate Following "BARLEY 1986-2011



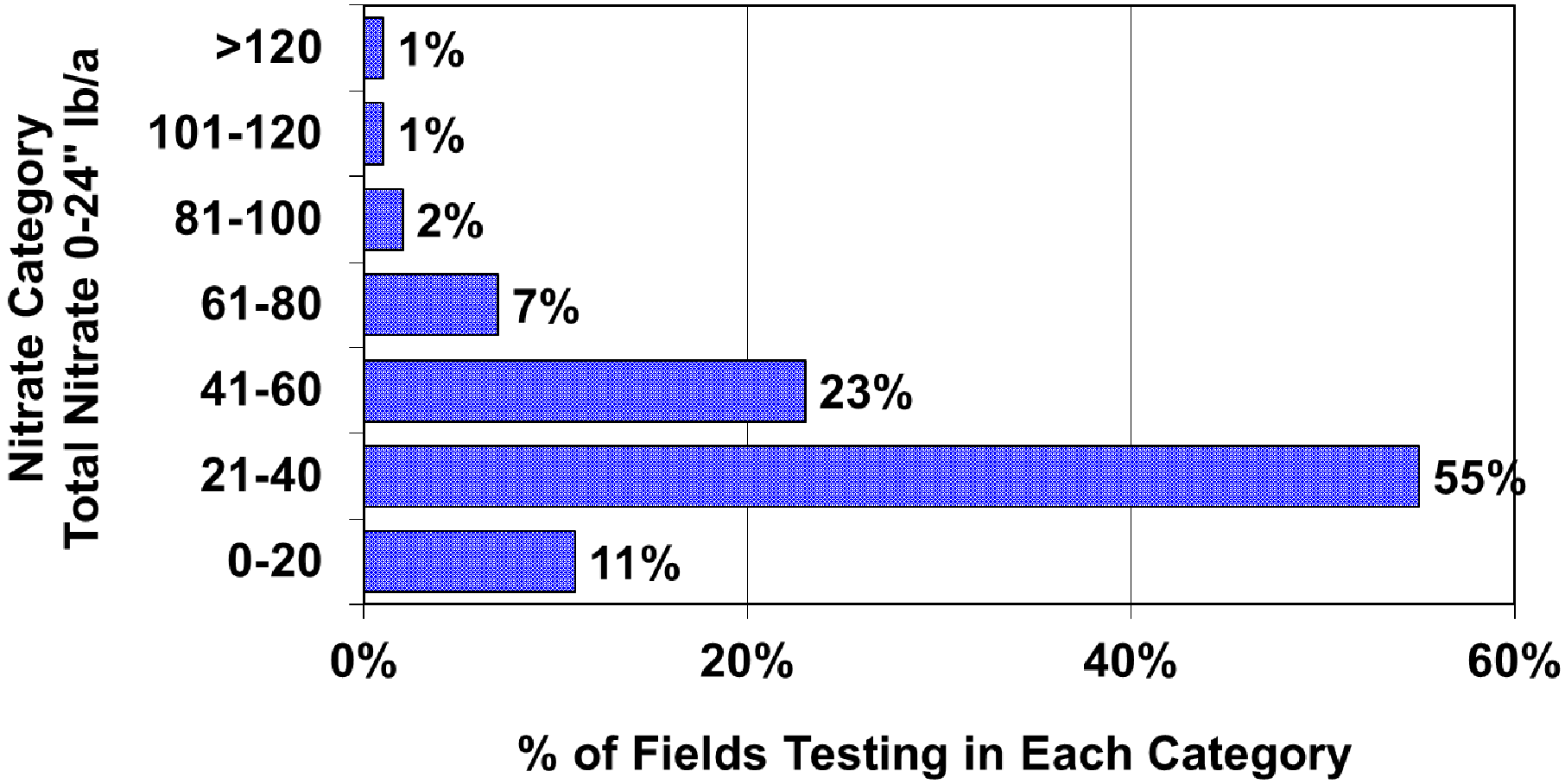
Soil Nitrate Variability Between Fields Following "Sunflower" in 2011



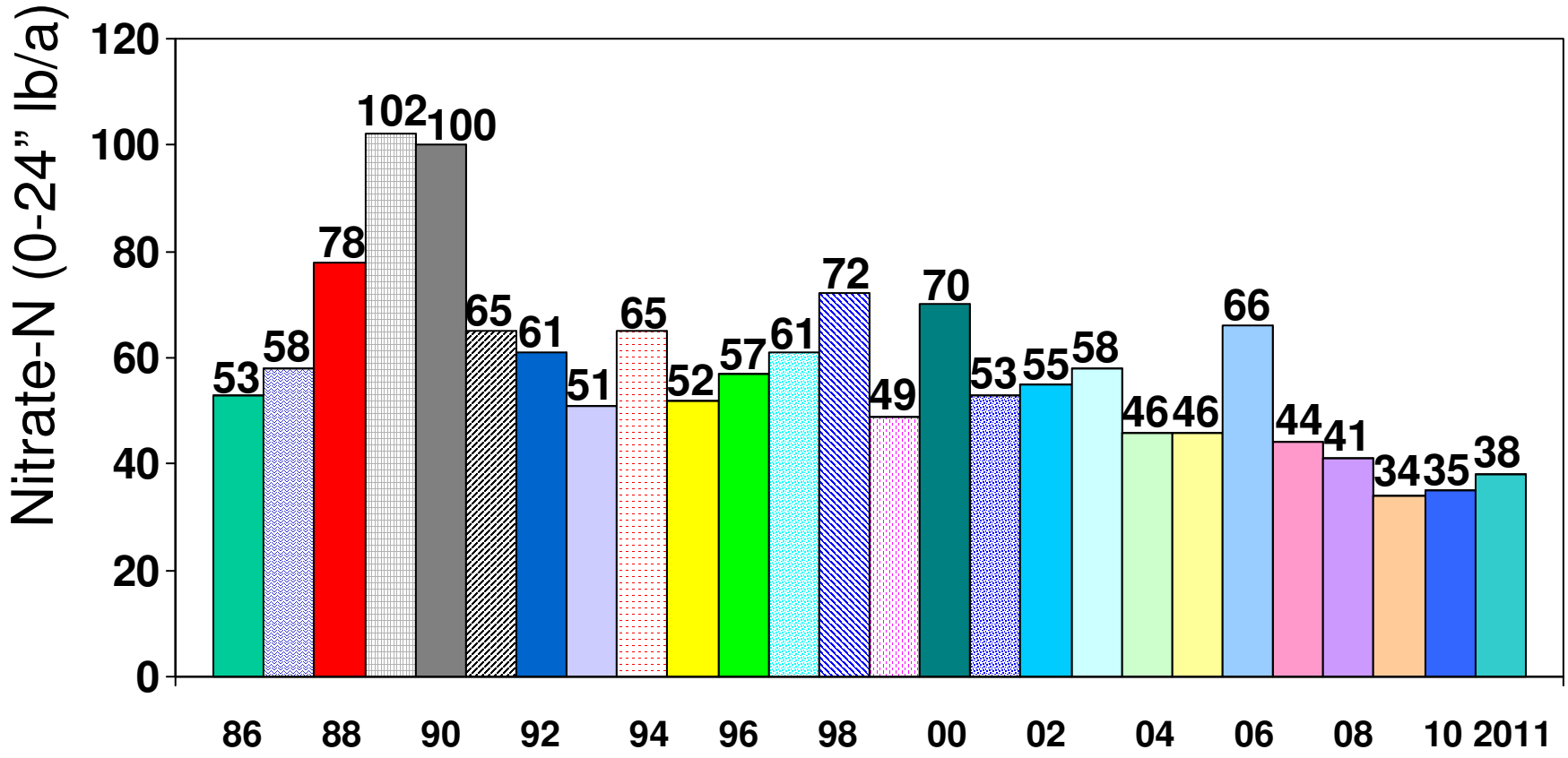
Average Soil Nitrate
Following "SUNFLOWER" 1986- 2011



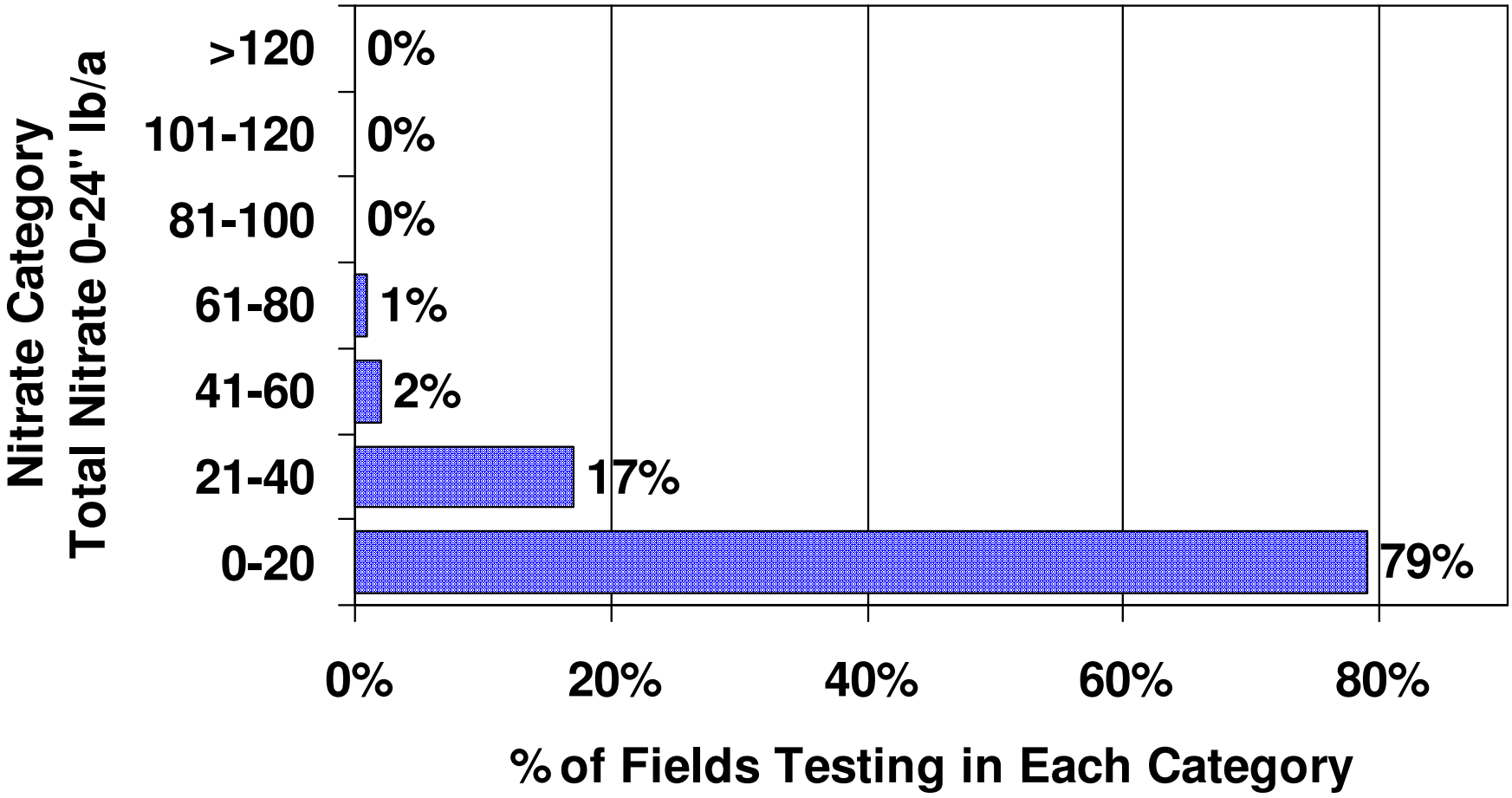
Soil Nitrate Variability Between Fields Following "Dry Beans" 2011



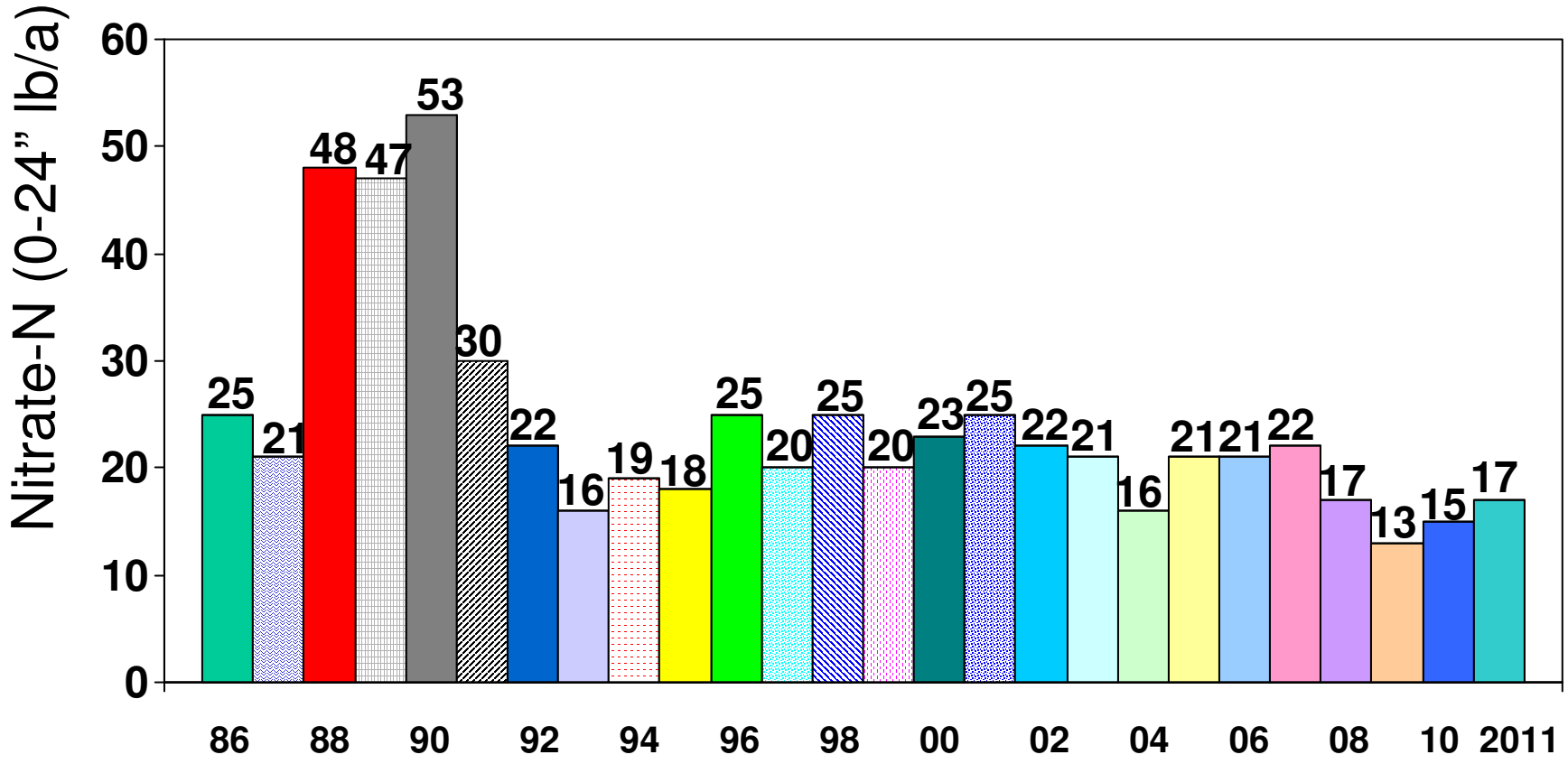
Average Soil Nitrate Following "DRY BEANS" 1986-2011



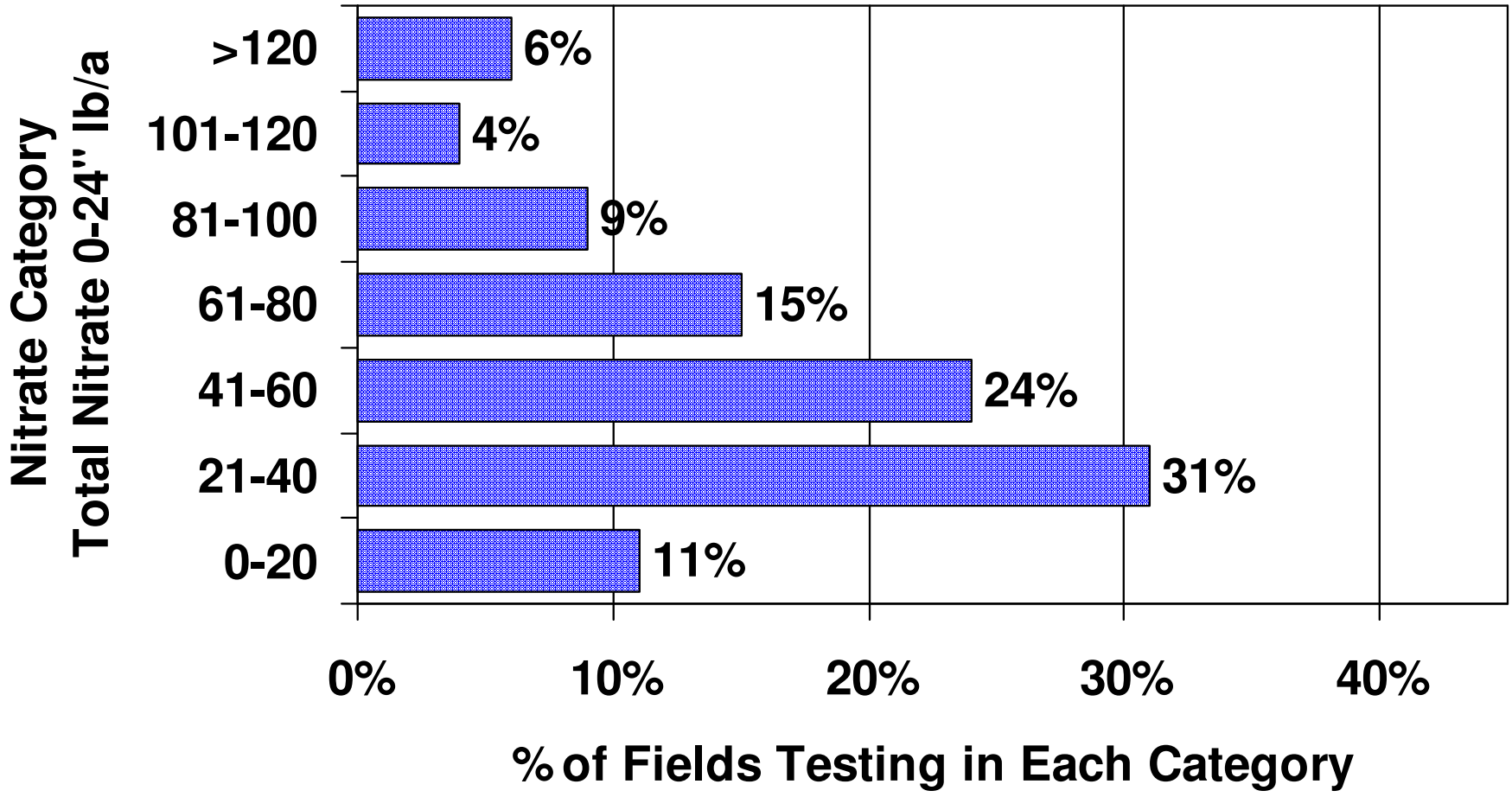
Soil Nitrate Variability Between Fields Following "Sugarbeet" in 2011



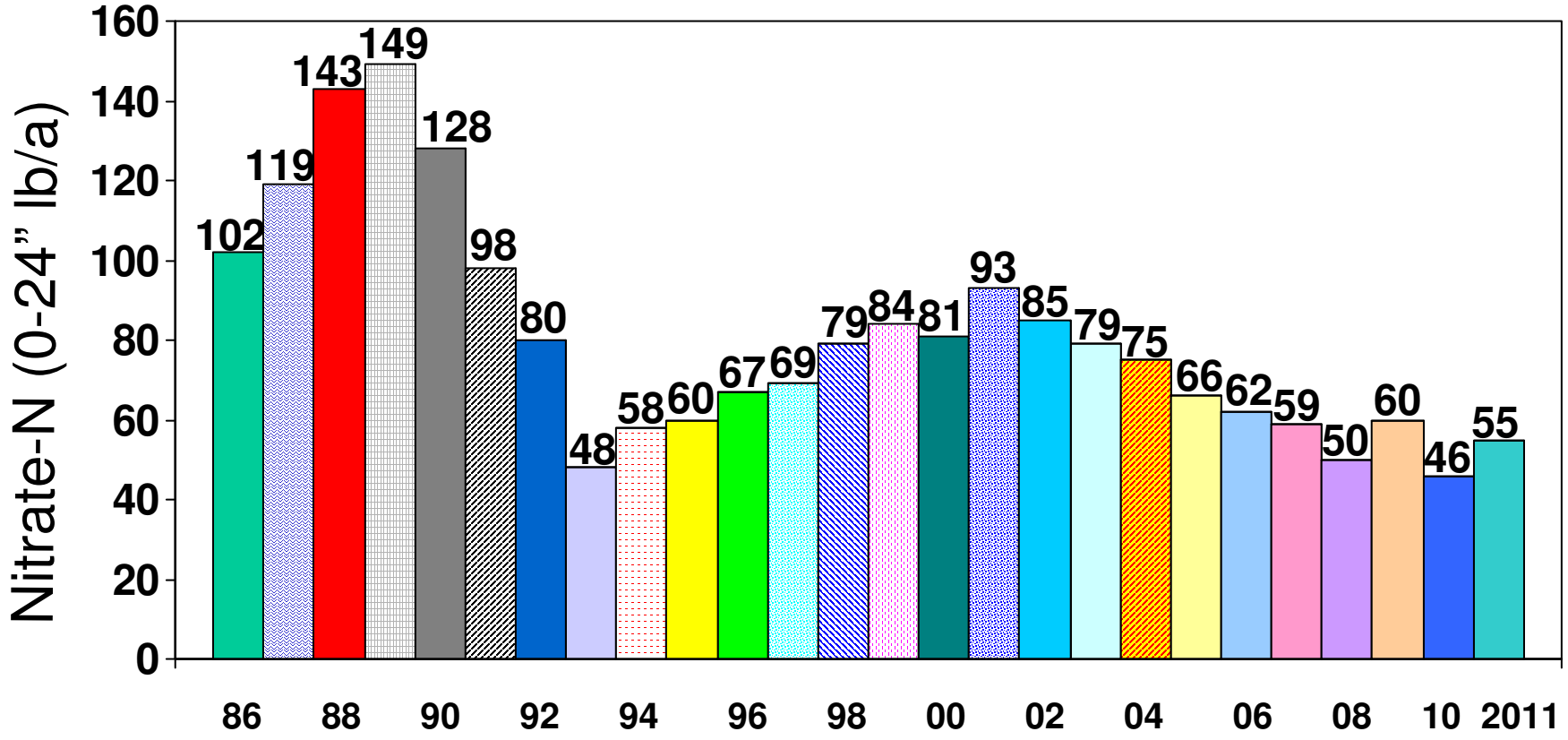
Average Soil Nitrate
Following "SUGARBEET" 1986- 2011



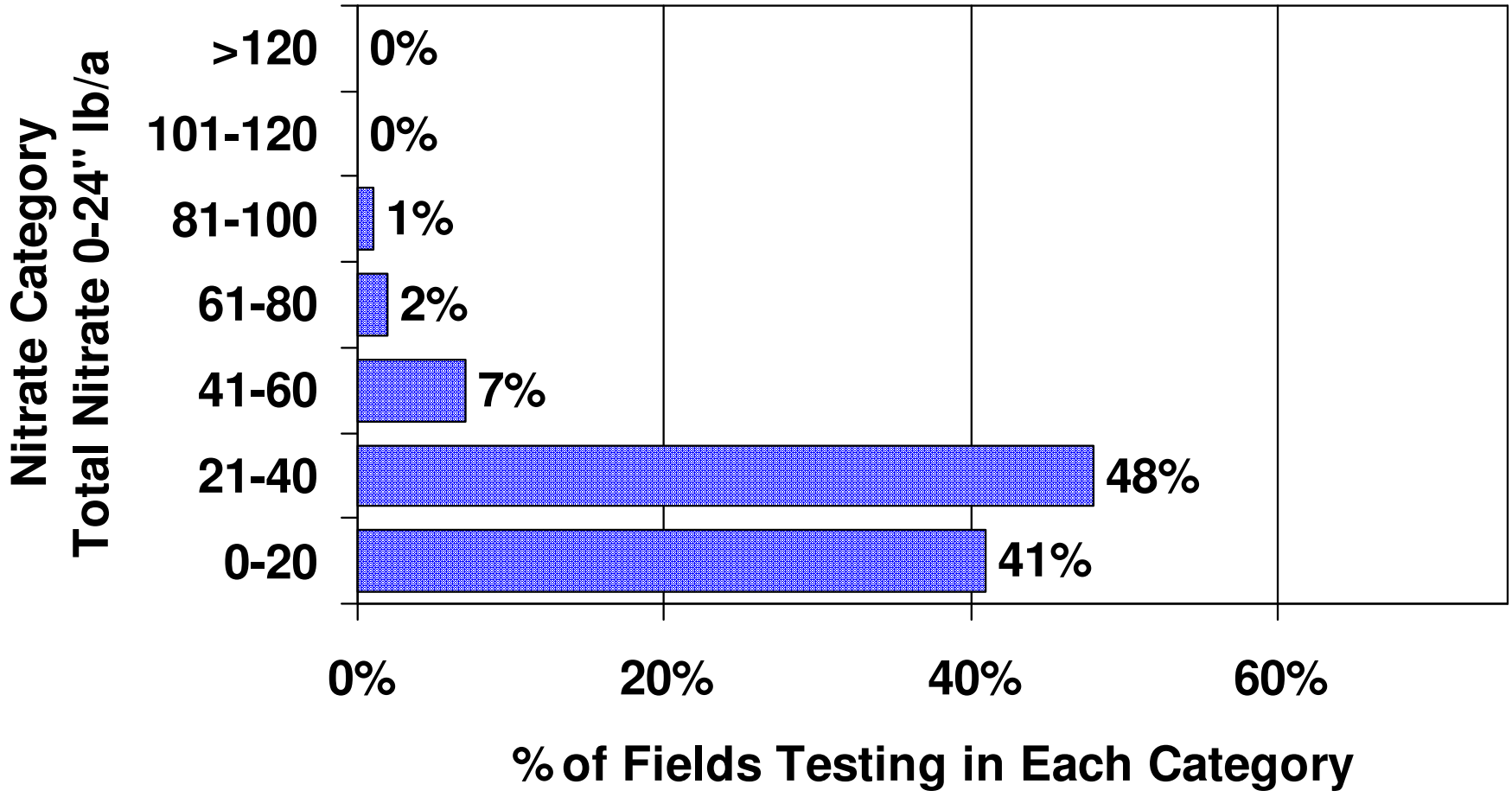
Soil Nitrate Variability Between Fields Following "Fallow" in 2011



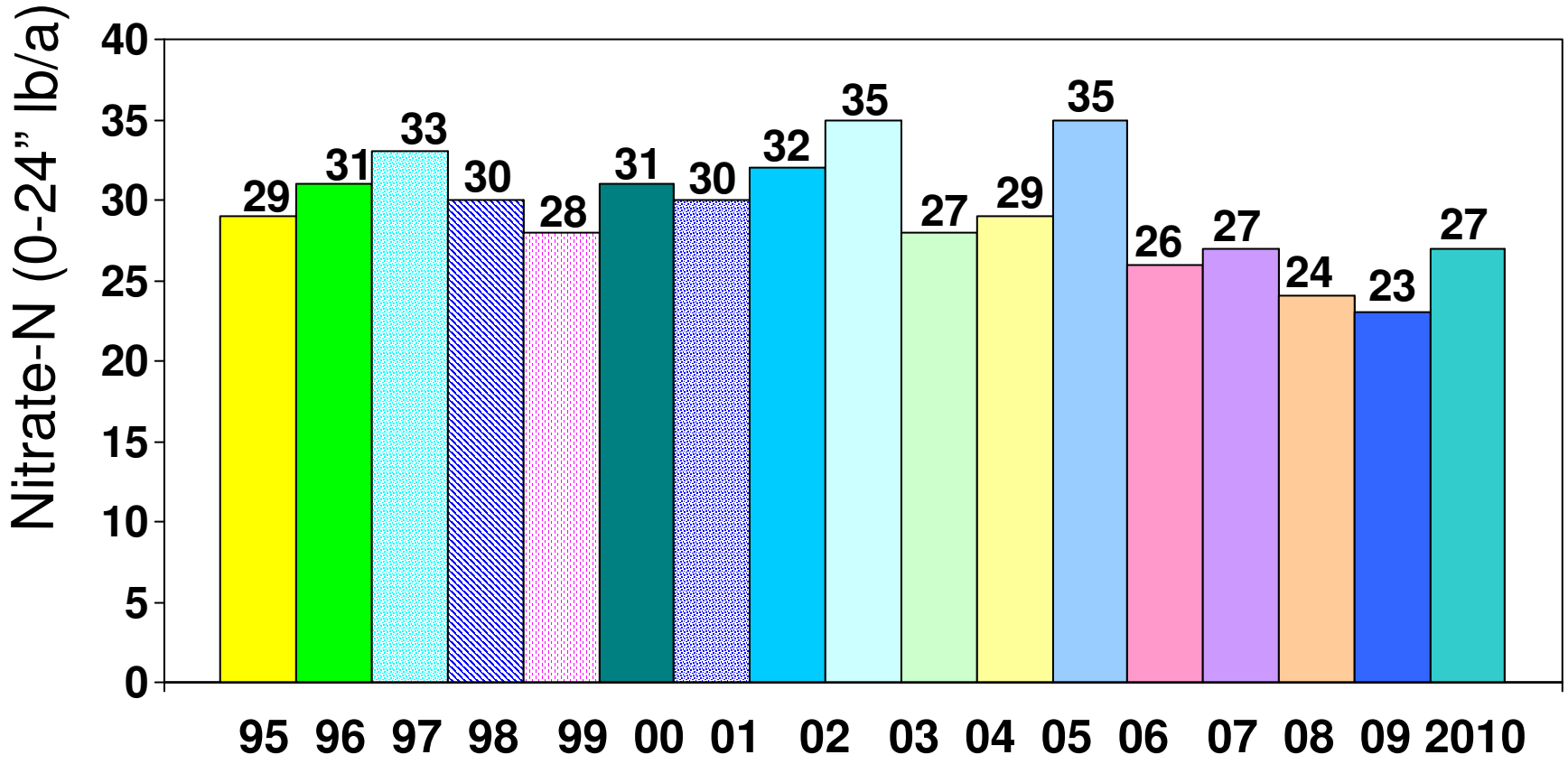
Average Soil Nitrate Following "FALLOW" 1986-2011



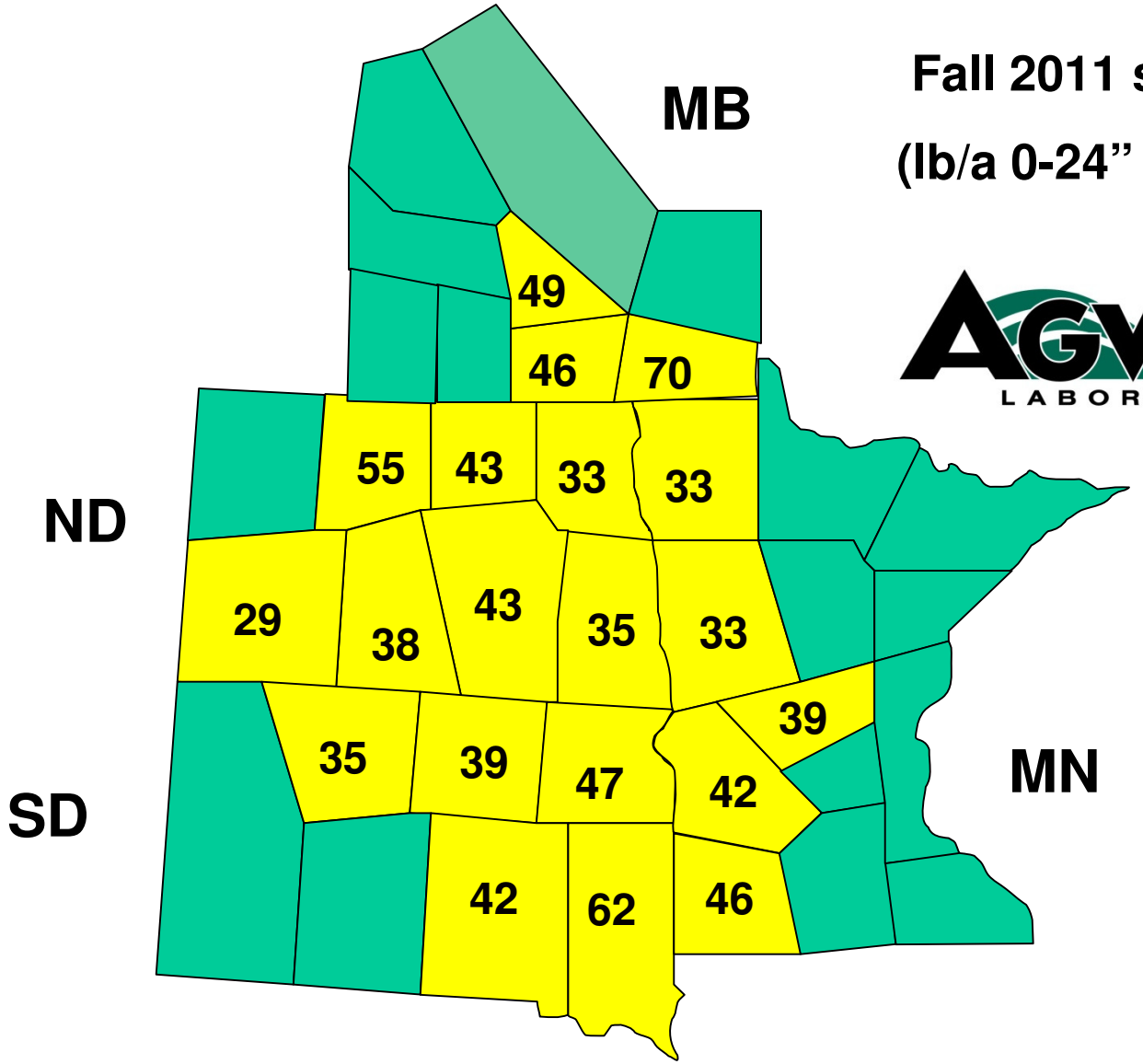
Soil Nitrate Variability Between Fields Following "Soybeans" in 2011



Average Soil Nitrate Following "SOYBEAN" 1995-2011



Average Soil Nitrate following Corn in 2011



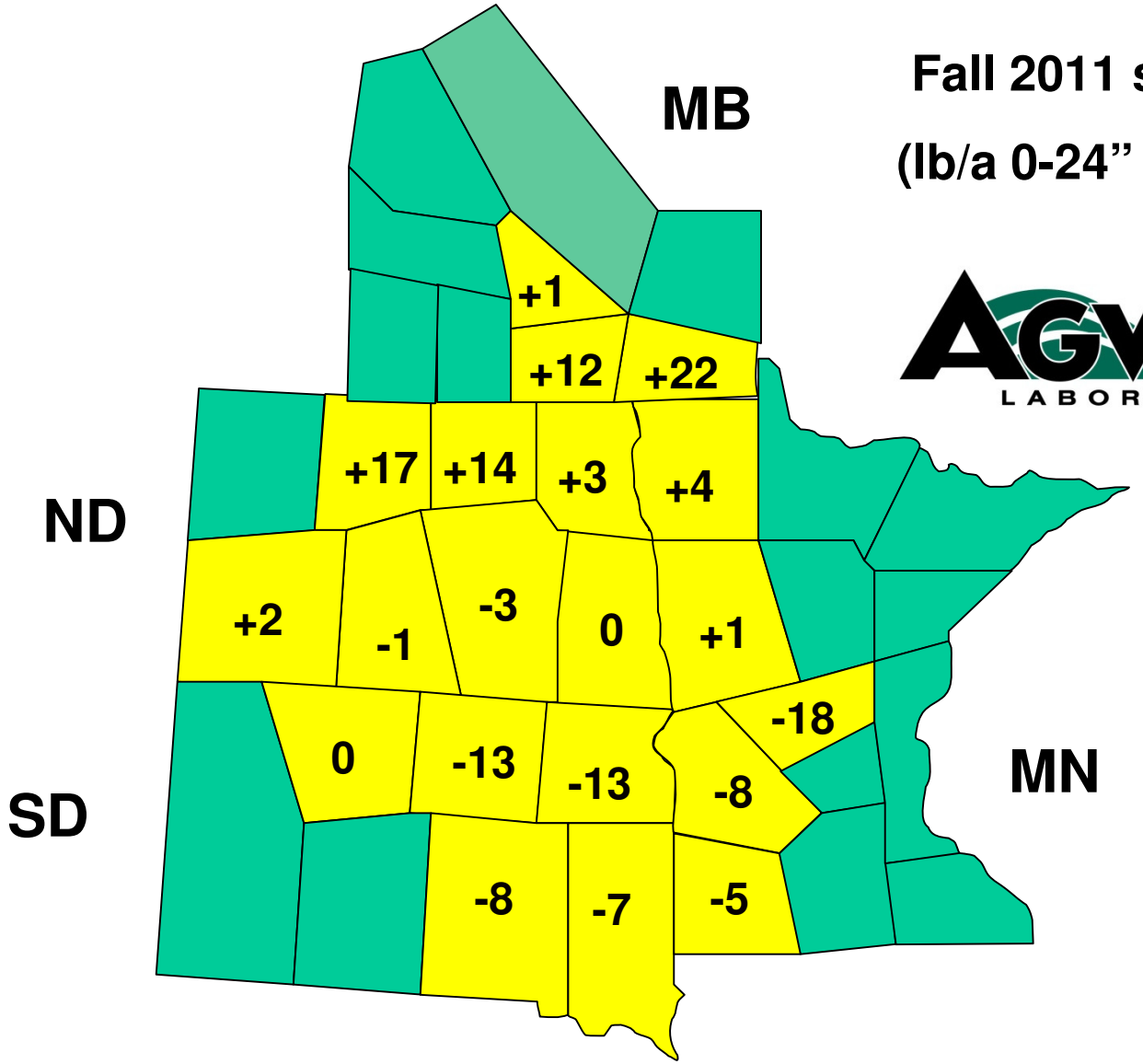
Fall 2011 samples

(lb/a 0-24” samples)

AGVISE LABORATORIES

Average Soil Nitrate following Corn in 2011

(Change from 2010 averages)

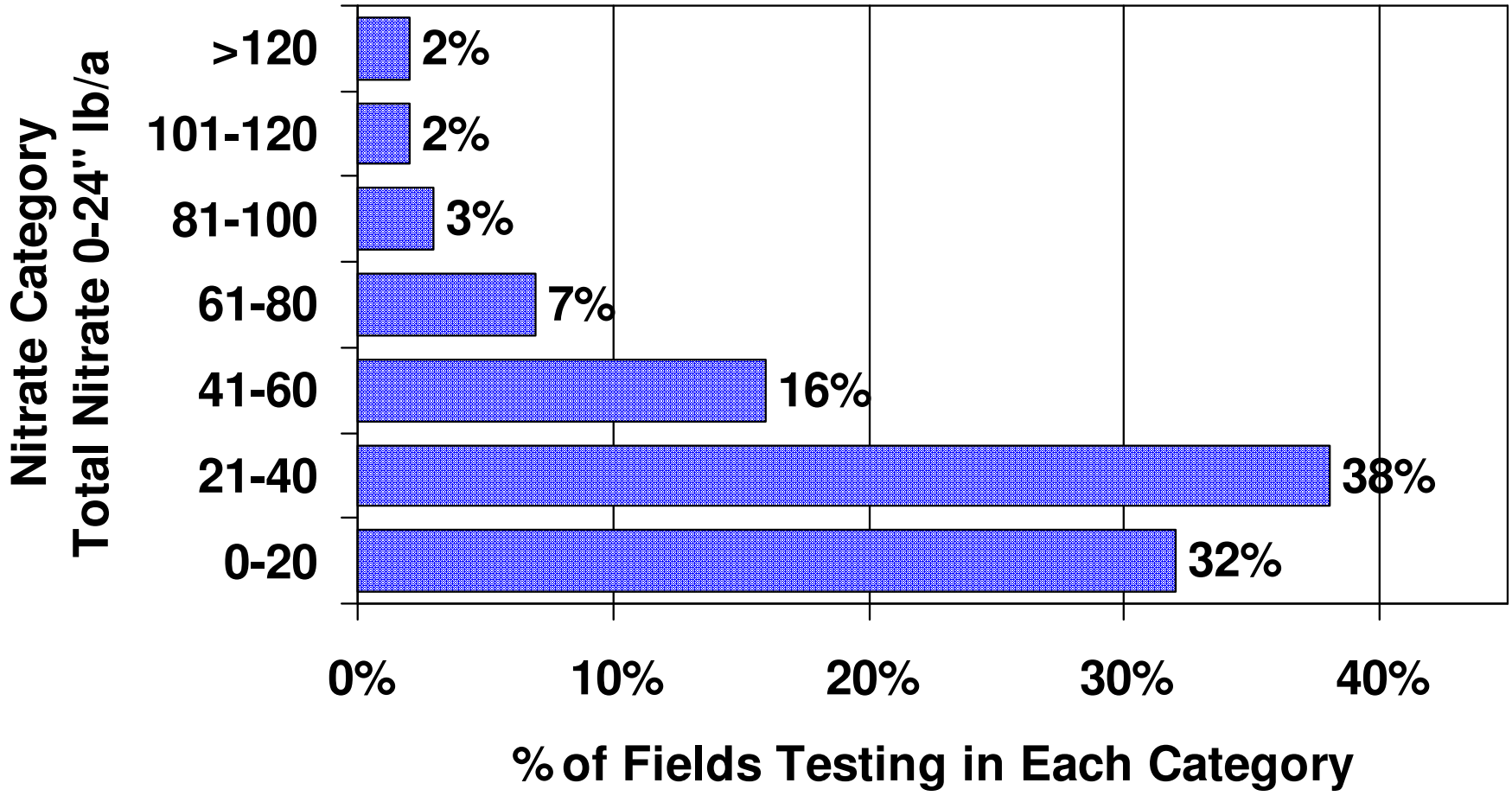


Fall 2011 samples

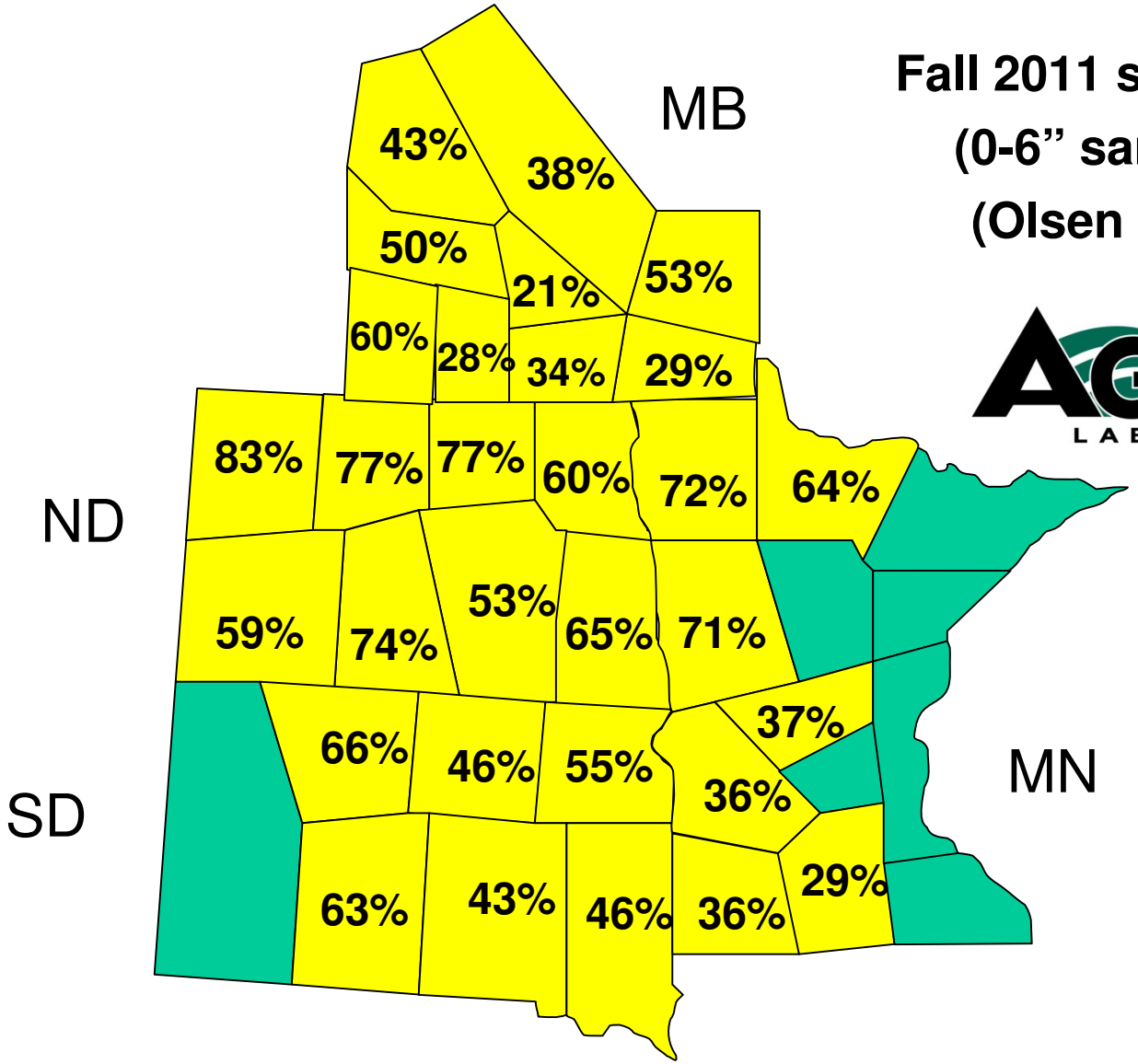
(lb/a 0-24" samples)

AGVISE LABORATORIES

Soil Nitrate Variability Between Fields Following "Corn" in 2011



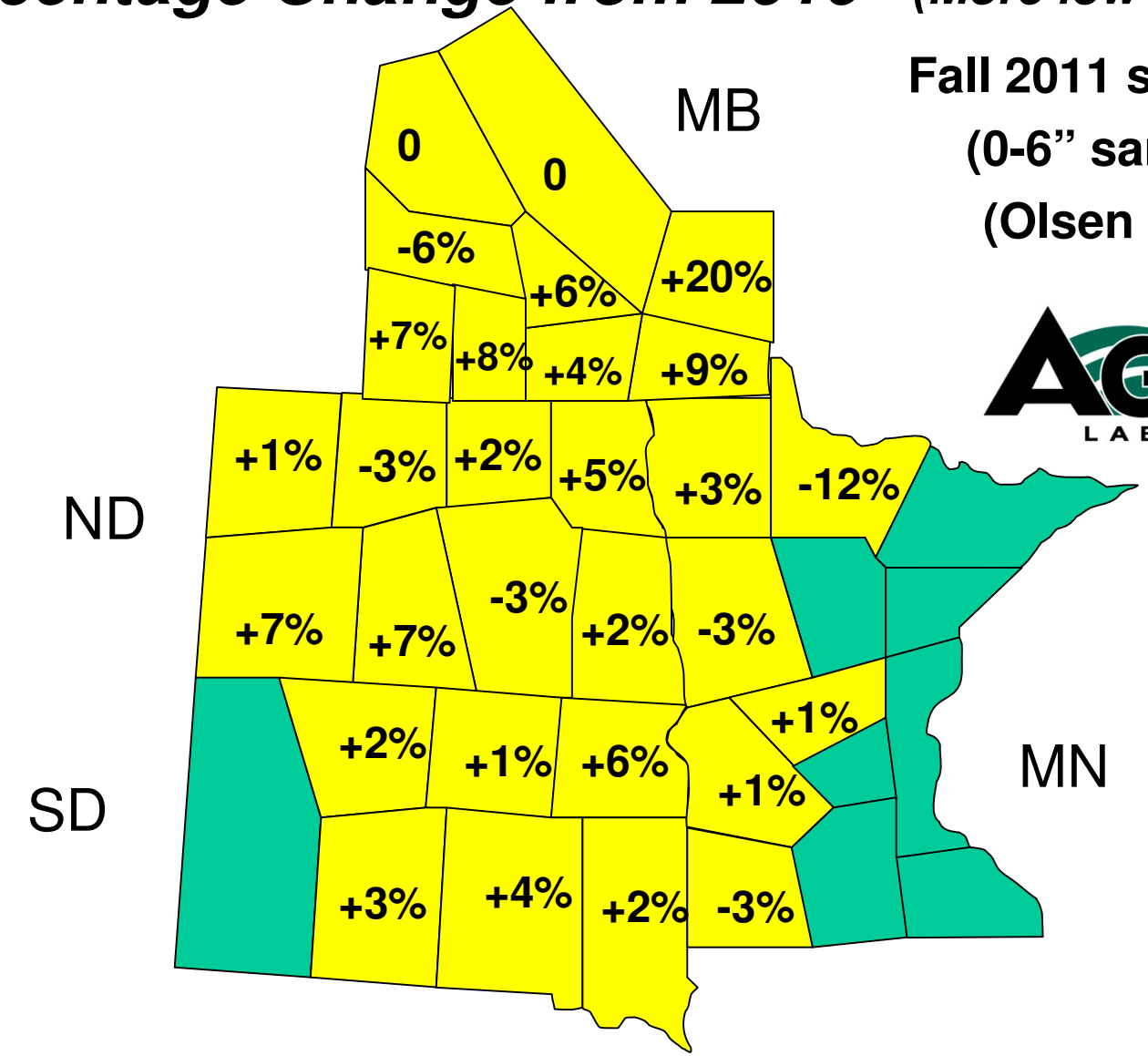
% Soil Samples with Phosphorus less than 10 ppm



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

AGVISE LABORATORIES

% Soil Samples with Phosphorus less than 10 ppm
"Percentage Change from 2010" (More low testing fields)



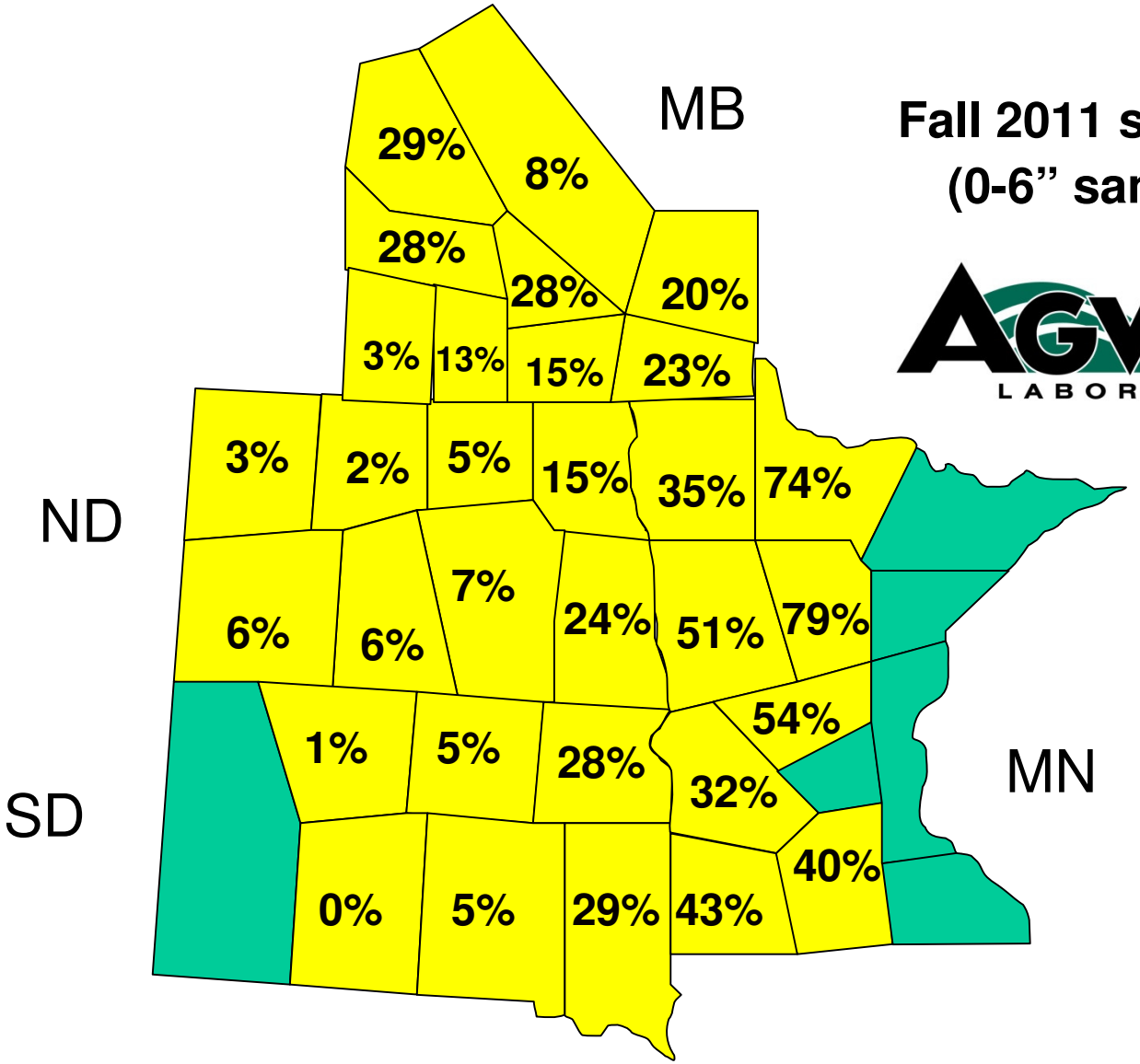
Fall 2011 samples

(0-6" samples)

(Olsen P test)

AGVISE LABORATORIES

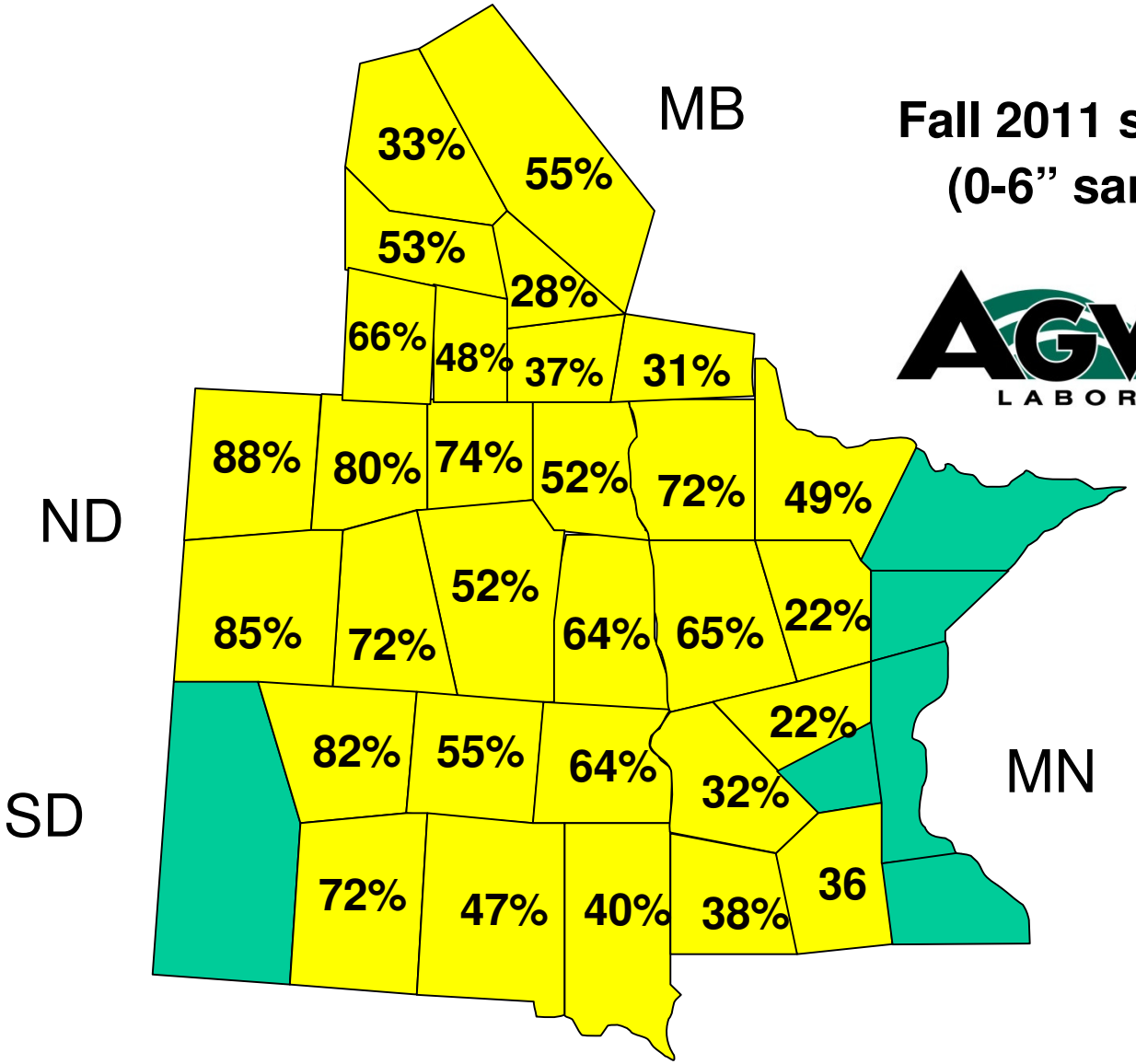
% Soil Samples with Potassium less than 150 ppm



Fall 2011 samples
(0-6” samples)

AGVISE LABORATORIES

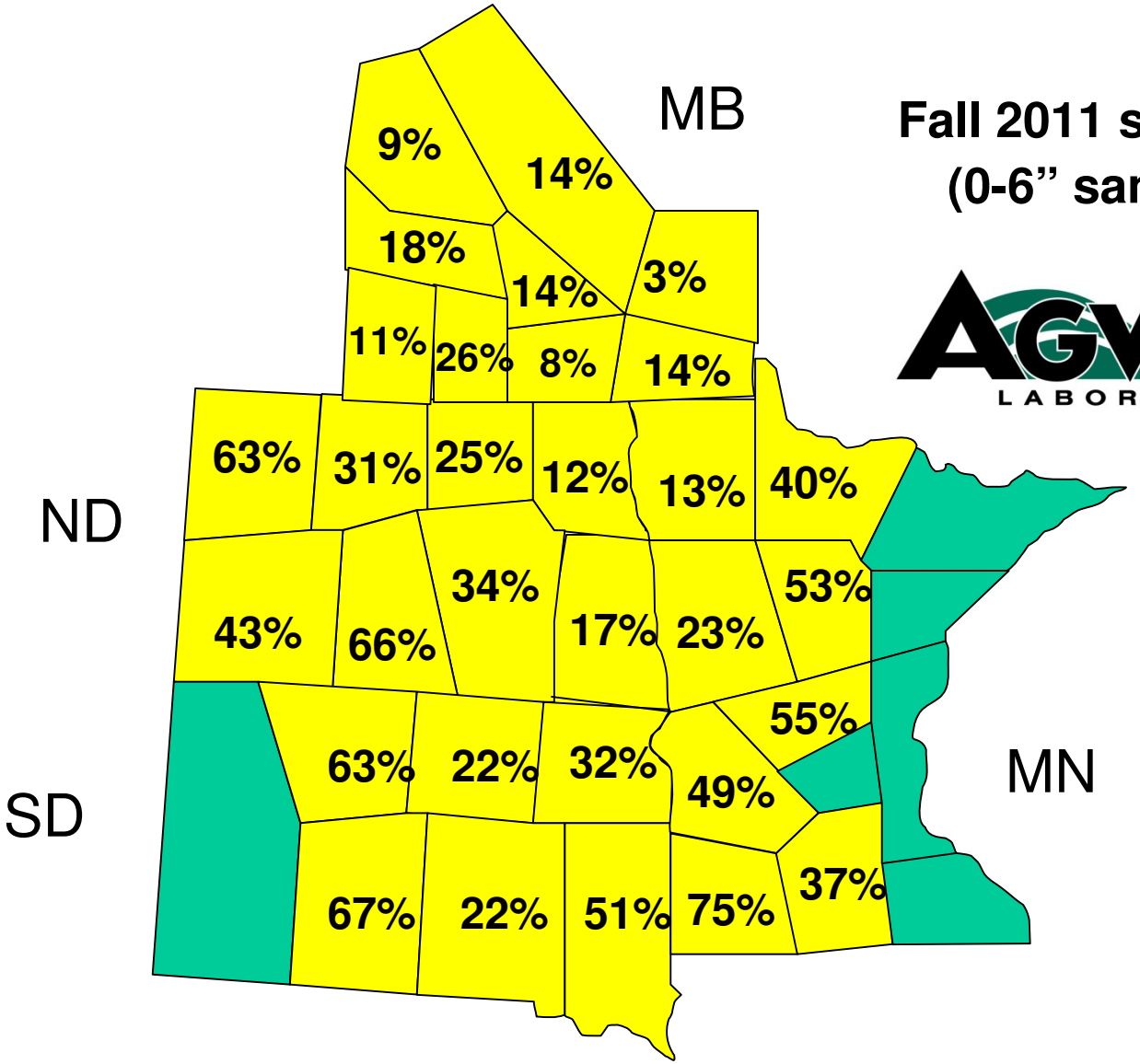
% Soil Samples with Zinc less than 1.0 ppm



Fall 2011 samples
(0-6” samples)

AGVISE LABORATORIES

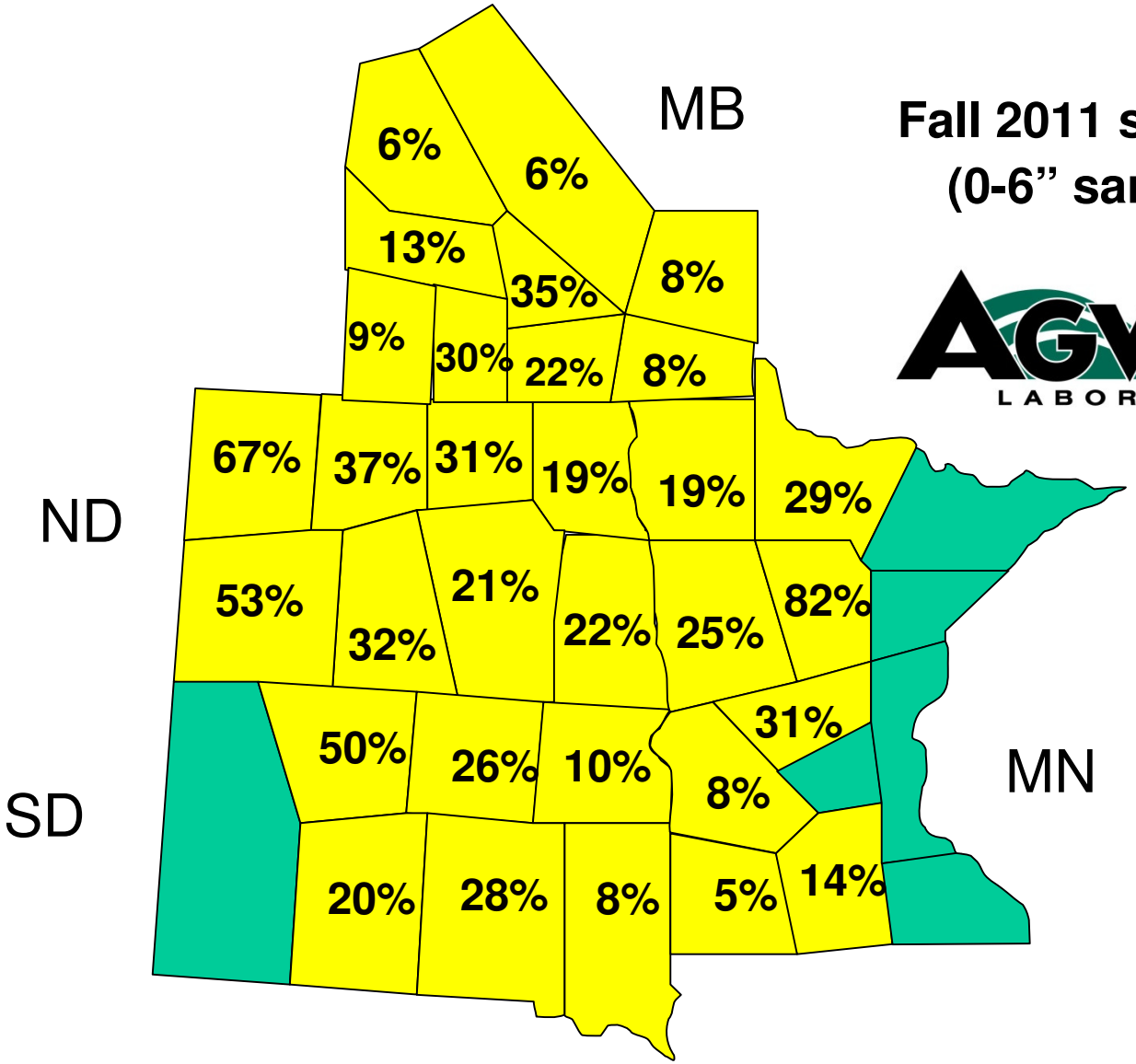
% Soil Samples with Sulfur less than 15 lb/a



Fall 2011 samples
(0-6” samples)

AGVISE LABORATORIES

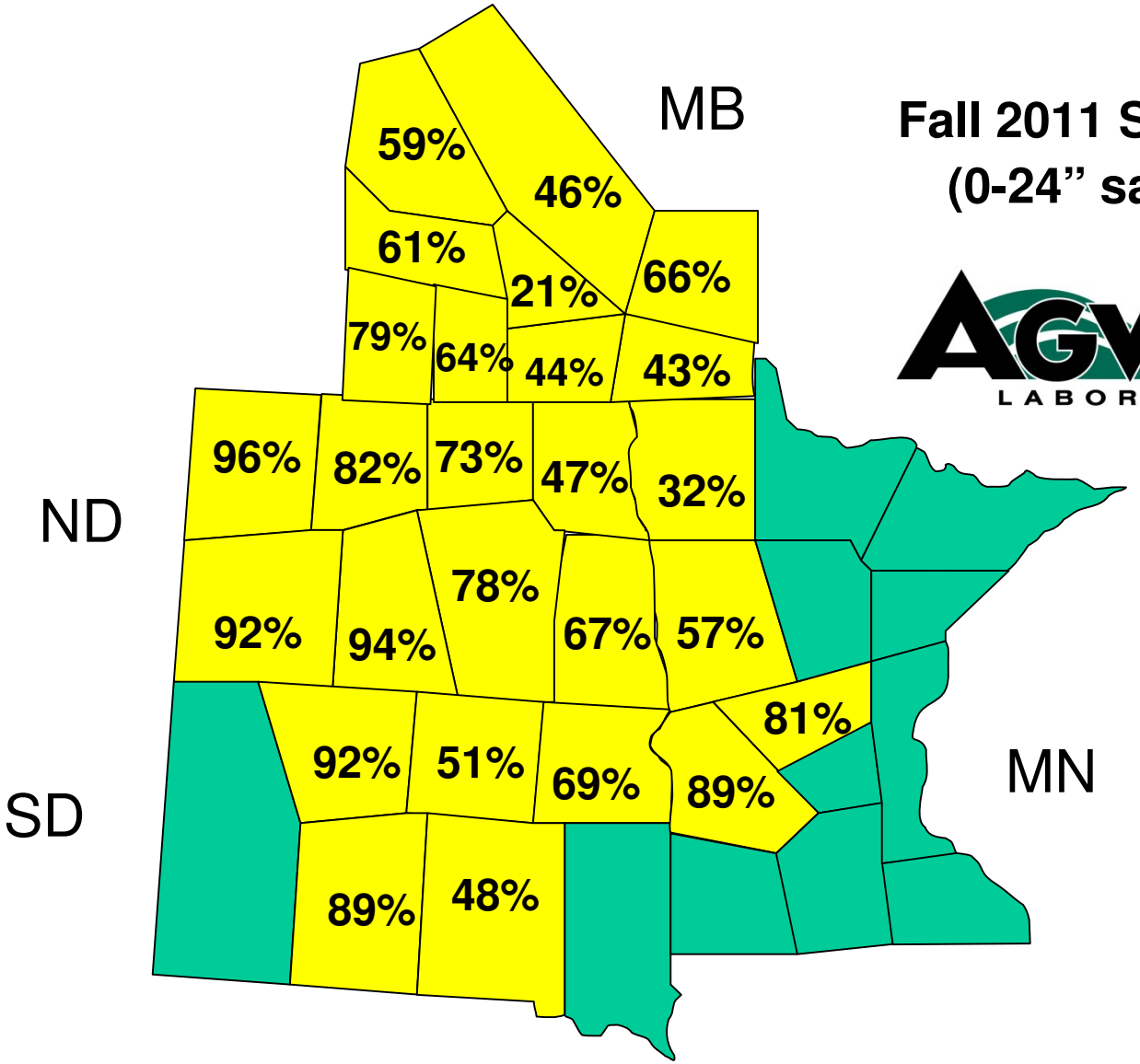
% Soil Samples with %OM less than 3.0%



Fall 2011 samples
(0-6" samples)

AGVISE LABORATORIES

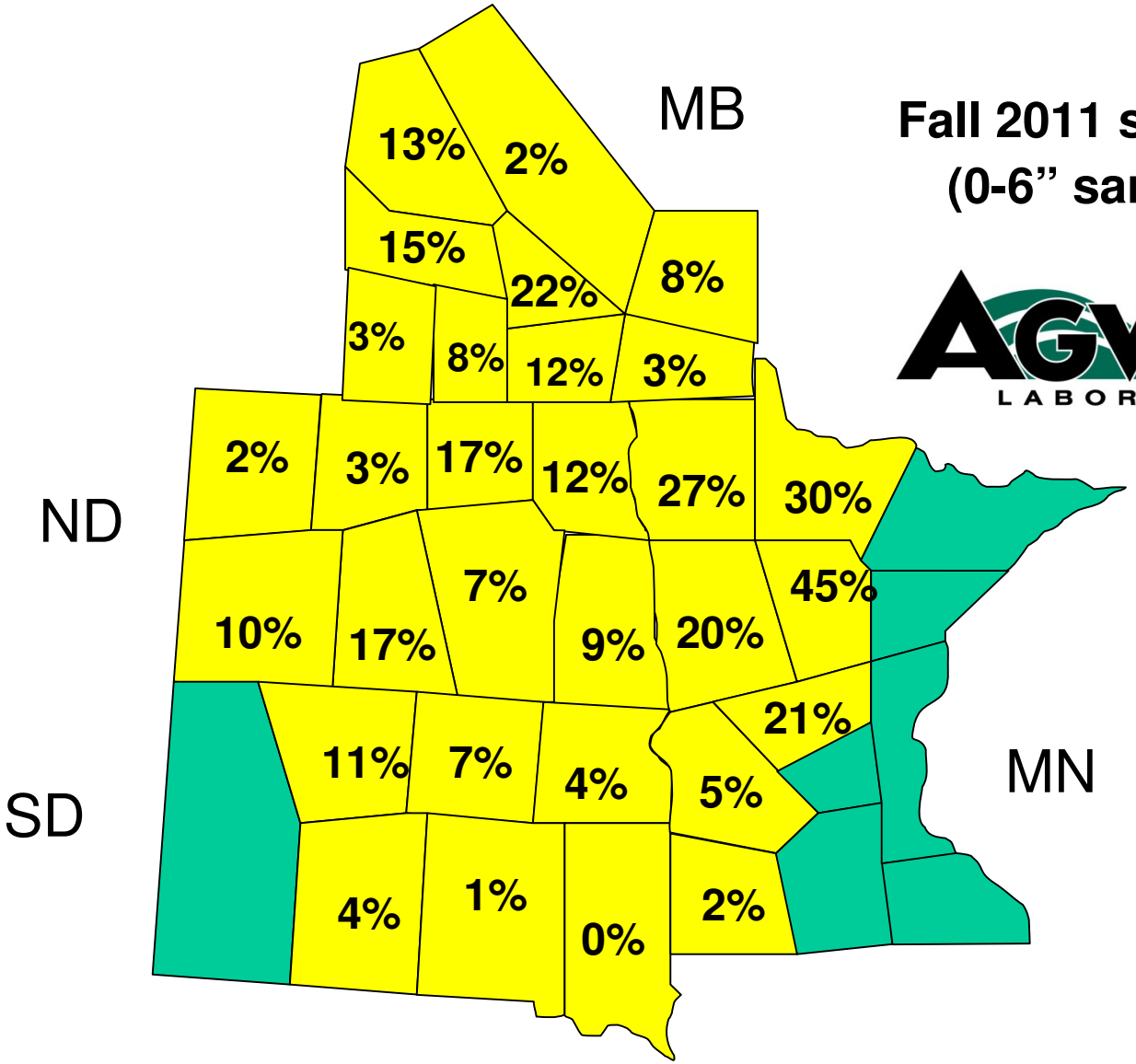
% Soil Samples with Chloride less than 40 lb/a



Fall 2011 Samples
(0-24" samples)

AGVISE LABORATORIES

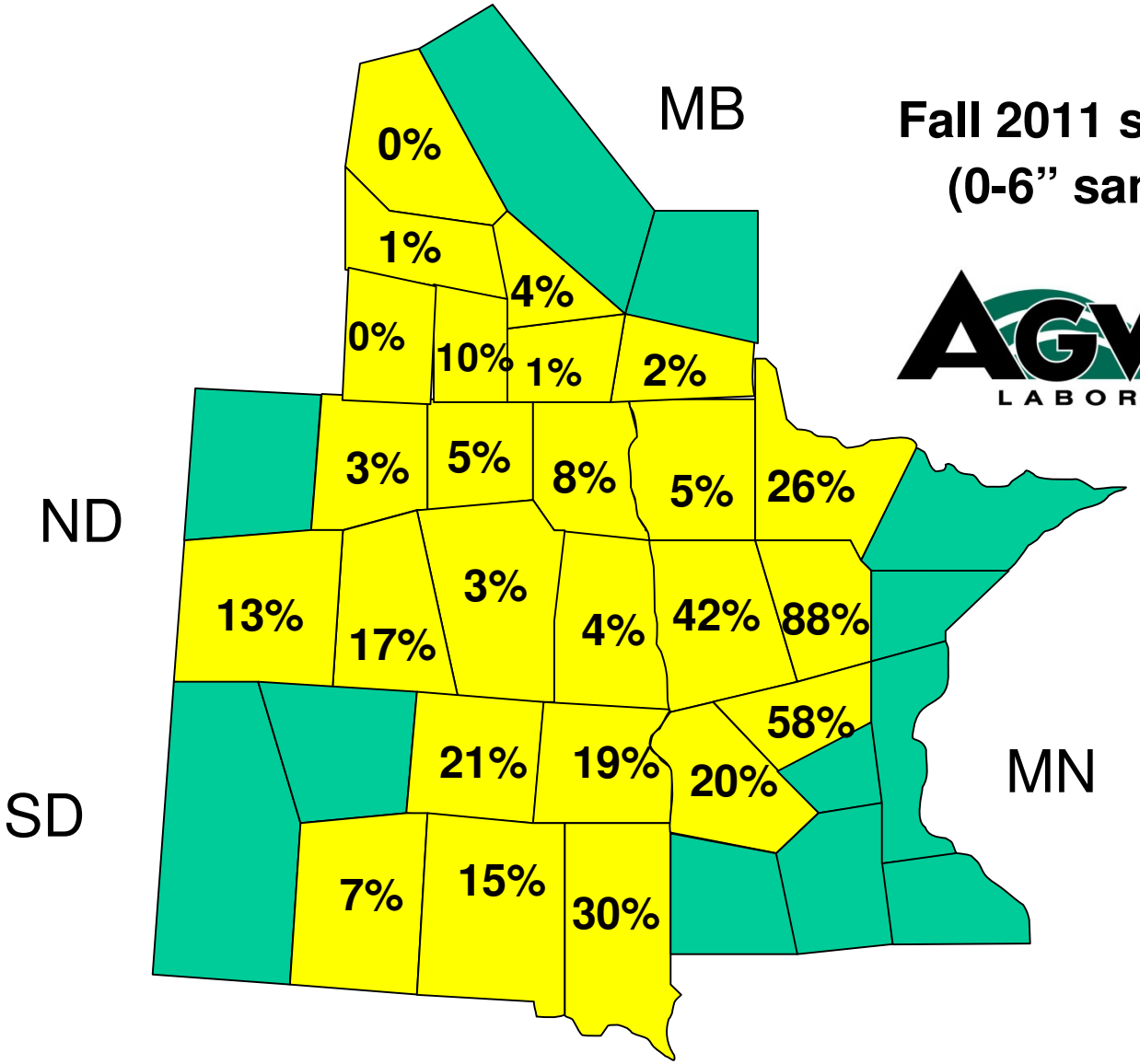
% Soil Samples with Copper less than 0.5 ppm



Fall 2011 samples
(0-6” samples)

AGVISE LABORATORIES

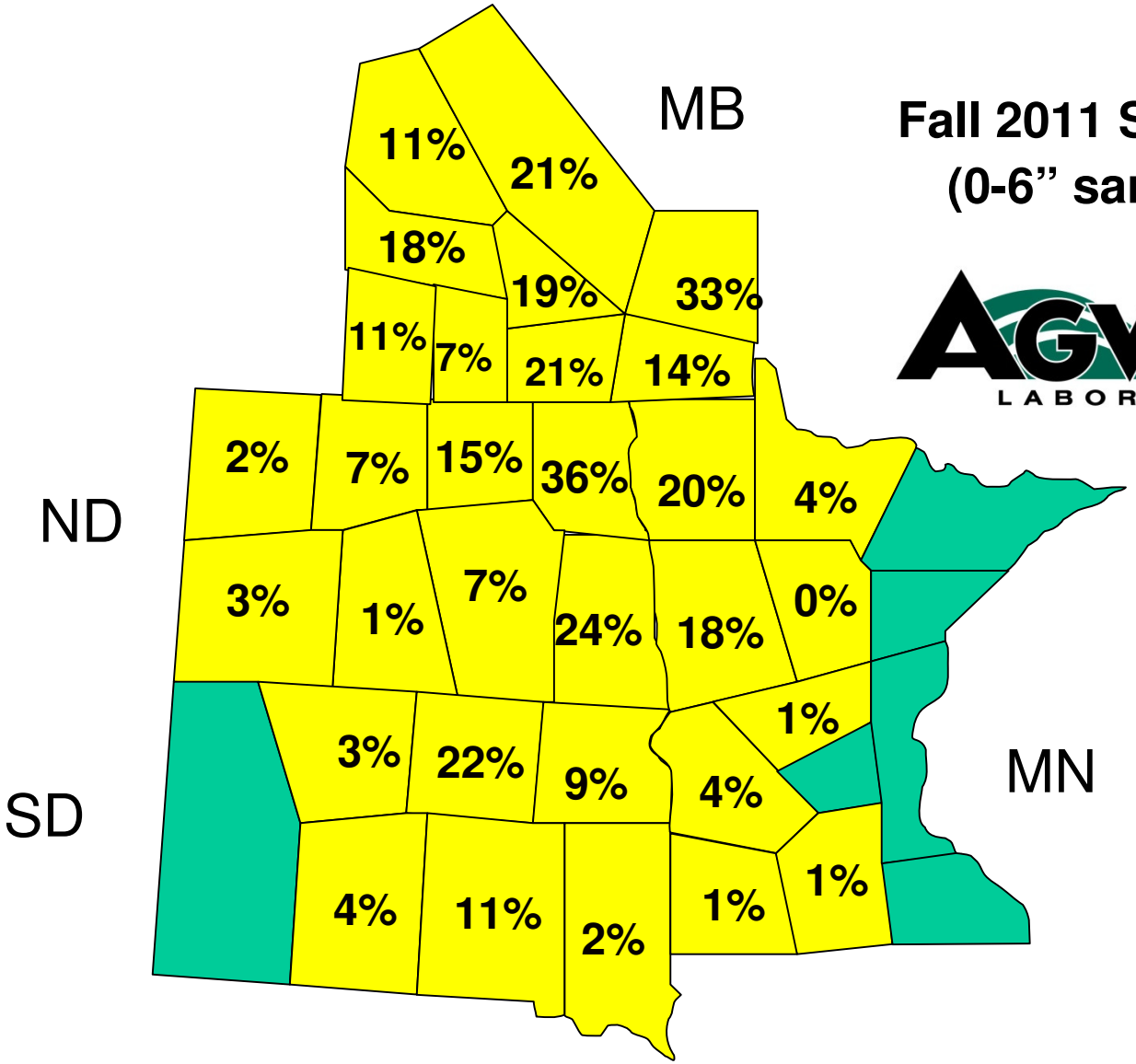
% Soil Samples with Boron less than 0.4 ppm



Fall 2011 samples
(0-6” samples)

AGVISE LABORATORIES

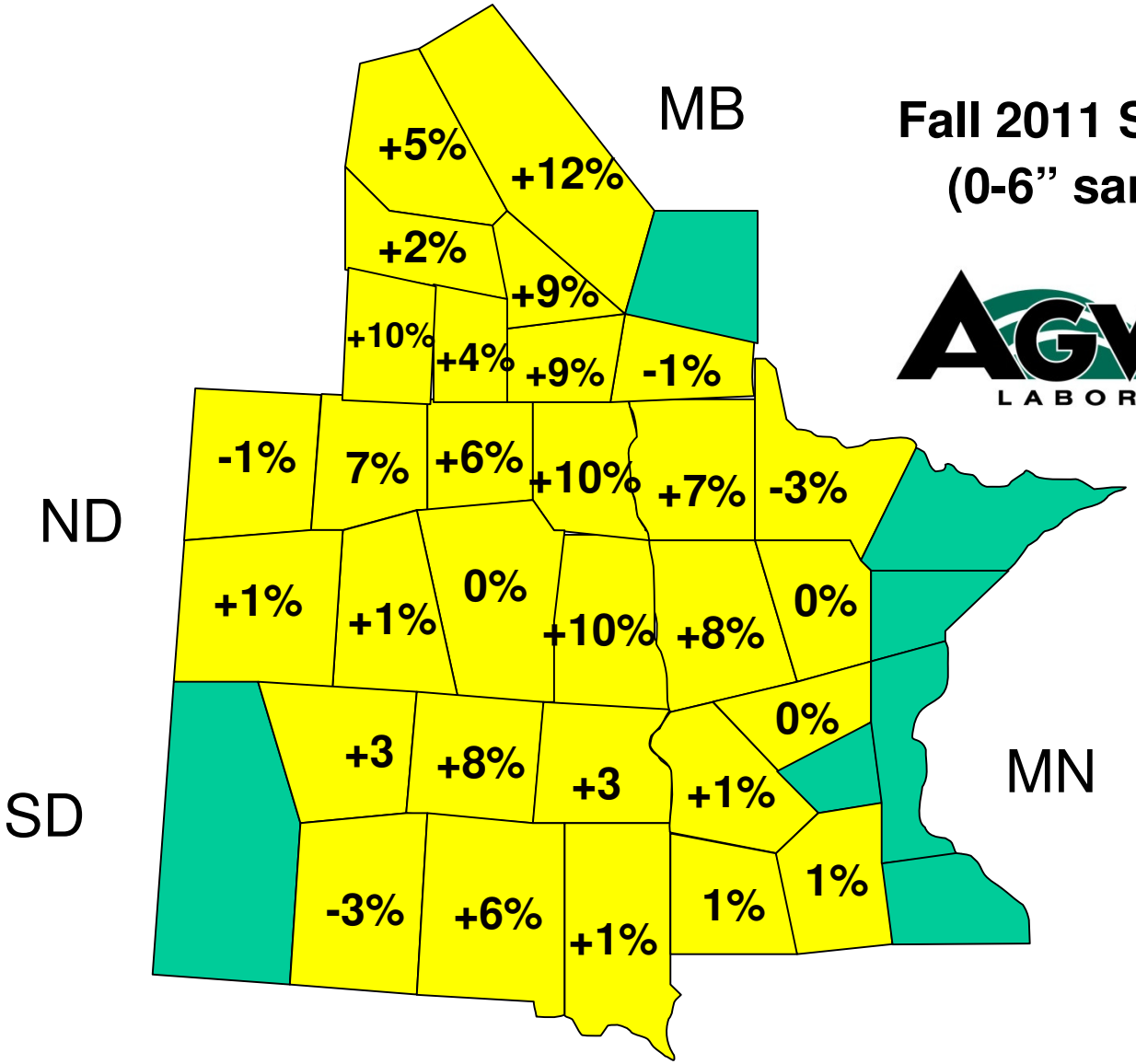
% Soil Samples with Salts greater than 1.0



Fall 2011 Samples
(0-6” samples)

AGVISE LABORATORIES

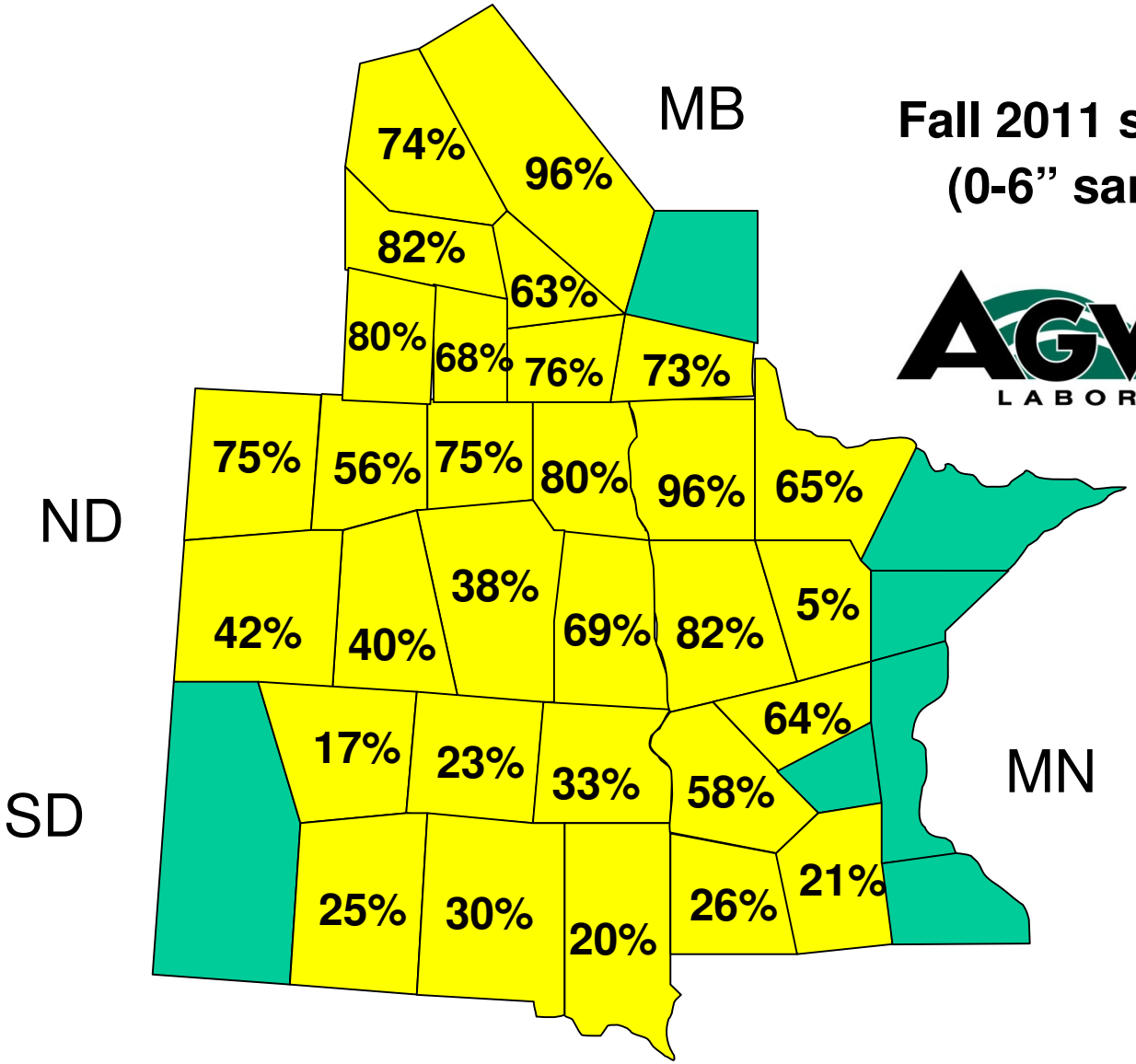
% Soil Samples with Salts greater than 1.0
"% Change from 2010" (more high salt fields)



Fall 2011 Samples
(0-6" samples)

AGVISE LABORATORIES

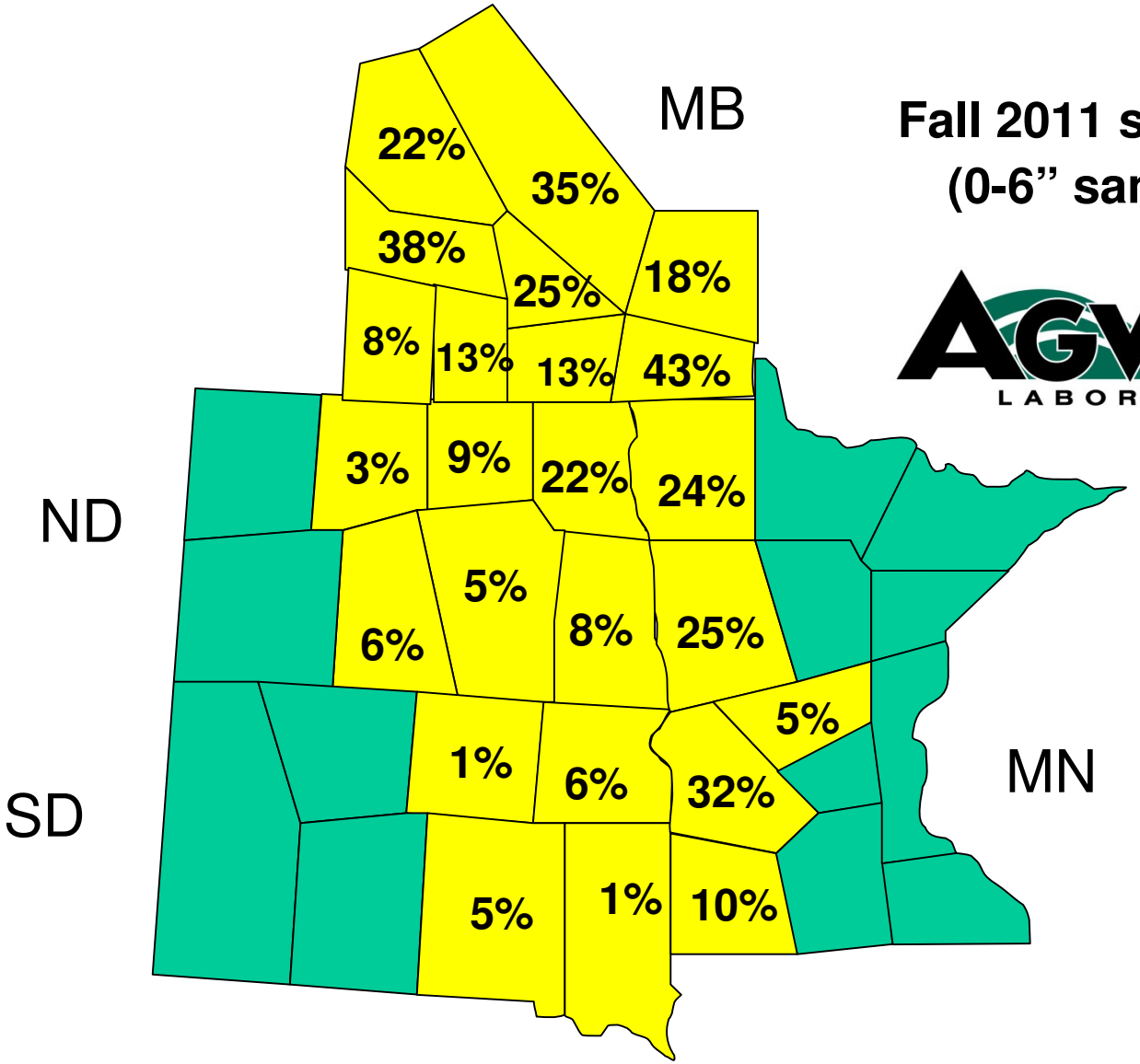
% Soil Samples with Soil pH greater than 7.3



Fall 2011 samples
(0-6" samples)

AGVISE LABORATORIES

% Soil Samples with Carbonate greater than 5.0%



Fall 2011 samples
(0-6” samples)

AGVISE LABORATORIES