COMPOSITE SOIL TESTING

Past cropping history is also taken into consideration and fields are split and tested separately to accommodate changes in fertility uptake differences between crops. Aerial imagery is also used to help pinpoint any issues or areas in the field that may be problematic.

Why Soil Test?

One of the largest input costs producers face year after year is fertilizer application. Proper soil tests are vital to determine crop needs. There are important factors to consider throughout the soil testing process.

In Field Testing

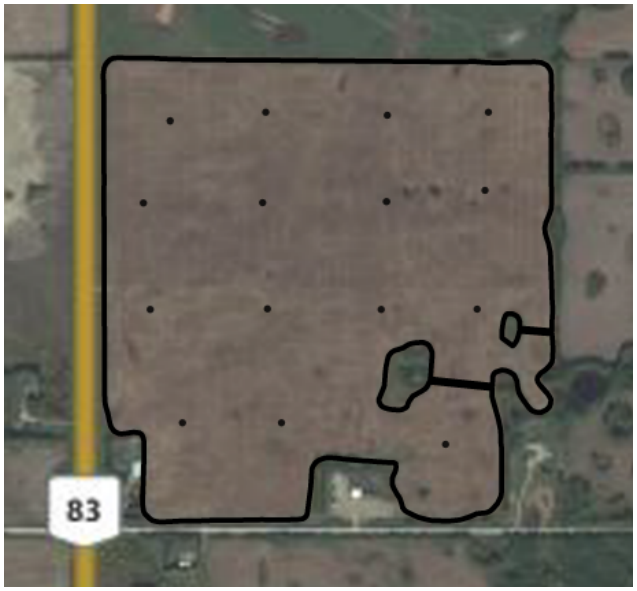
360° Ag Consulting uses geo-referenced soil test points that are determined in the field by an experienced agronomist. Customers are given the geo-referenced border with exact acres of the fields as well as an overlay of where and how many points have been taken in each field.

Lab Tests

It is important to know what tests will be conducted prior to testing. Organic matter is a very important consideration for determining your soil type and how much nitrogen may be released by your soil. All of 360° Ag Consulting soil tests include a standard OM test. It is also important for clients to have an idea of the crop type they are planning to seed as this will determine the micro nutrients that should be tested as well.

Results

Having your results come back in a form that is suited to your operation can be a principle benefit of the soil testing process. A large number of factors should determine the amount of fertilizer that can be safely applied. These factors cannot be easily placed into a computer program and come out with a basic fertility recommendation. A qualified agronomist will take into consideration factors such as yield goals, variety, seeding equipment and past crop history to provide an optimum return on investment, tailored to your operation.



Client: John Smith
Field: NW 1-2-3
138.7 acres
15 points

Compare Zones: NW 1-2-3 (Zinc)

Customer Name:	John Smith Farms	**Date Submitted:**	2013-10-07
Job Name:		**Reference Number:**	14094610
		Tester	

	Zone 1
Acres	138.7
pH	7.0
O.M.%	4.6
CEC (meq)	34.8
Salt1 (mmho / cm)	0.74
Salt2 (mmho / cm)	0.59
Nitrate 0-6" (lbs / acre)	13
Nitrate 6-24" (lbs / acre)	13
Total Nitrate (lbs / acre)	26
Phosphourus (Olsen) ppm	10
Potassium ppm	194
K Base Sat (%)	1.4
Sulphur 0-6" (lbs / acre)	120
Sulphur 6-24" (lbs / acre)	240
Zinc ppm	0.00
Copper ppm	0.00
Boron ppm	0.00
Chloride 0-6" (lbs / acre)	11.00
Chloride 6-24" (lbs / acre)	46.0

Field Comments:

*PH 7 OM 4.6 CEC 34*N Reservers Lower Side*Phos 10 ppm Good.*K OK and Chloride Just OK*Sulpher VGood For Wheat*Copper History .6 ppm On Lower Side*Salts are ok**PK Blend 70/30 Used*Factor of .43(30/70)***(Phos Actual lbs x .43 = K Actual lbs x .6 = K Nutrient Value Given With This Blend)

Sample Soil Analysis

For more information, please contact your local agronomist today!

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