

It's Time For GPS Soil Sampling: Reserve Your Place Now!



Precision
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GPS soil sampling allows you to profitably improve the yield potential of your fields.

The results show you the areas in your fields where you need to add products to correct soil fertility and more specifically the doses required for those corrections. This information helps you make informed decisions on the farm.

Correcting soil fertility increases your yields; it's like growing from within without acquiring new land to increase production.

Producers who have made the fertility corrections from GPS soil sampling results and recommendations have significantly improved the profitability of their operation.



How Much Does GPS Soil Sampling Cost?

- \$46.00 per hectare (at the rate of one sample per hectare) which comes out to \$18.62 per acre
- The frequency for GPS soil sampling is once every 4 years.
- Reduced to this frequency, the investment is \$4.65 per acre per year.

What Do I Get With GPS Soil Sampling

- Soil samples are taken with the Wintex hydraulic probe (the best probe on the market). It ensures uniform sampling depth which is the key to proper soil analyses.
- Variable rate lime and fertilizer prescriptions that are compatible with all spreading equipment systems.
- The precise calculations of how much lime and potash needs to be applied in order to restore proper fertility (useful for planning the investment).
- A booklet showing the mapped results of all the nutrient analyses in order to visualize and assess the fertility of your soils.



Advice from our experts, Denis and Stéphane, to guide you in your fertilization and fertility correction interventions.

Stéphane
Gagnon



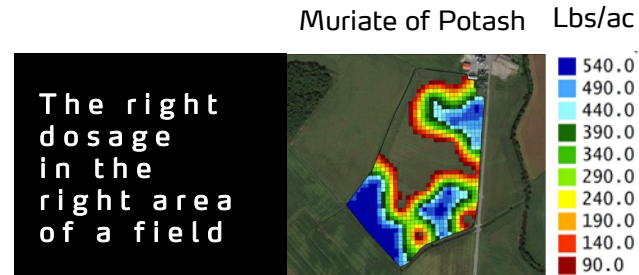
Denis
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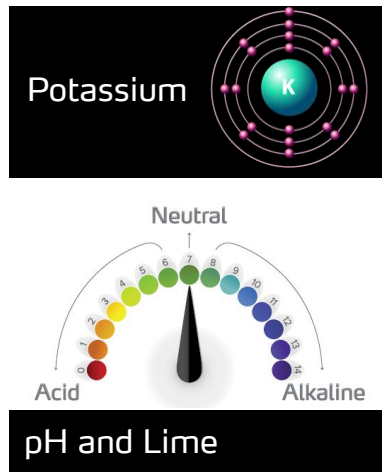
What is Fertility Correction?

- After several years of intensive cultivation, the soil needs to replenish its reserve of nutrients. Some areas of the fields can be nutrient rich and other areas much poorer.
- Using the GPS soil results, we produce variable rate application files that then allow you to apply the right product, at the right rate, and in the right place to maintain and/or raise soil fertility to an optimal level. No more waste.
- The large variability in the soil of a field could mean that products applied at a fixed rate cover only 10 to 15% of the surface of the field with the correct rate. The rest of the field is then applied with either too much or too little of the product to be effective. GPS soil sampling virtually pays for itself just by eliminating this waste.



Why Should I Be Concerned With Correcting Soil Fertility?

- Potassium is an important soil nutrient yet more than 75% of the soils in Quebec and eastern Ontario are deficient in this element. This soil deficiency negatively affects yield but also prevents the yield increases expected with improved plant genetics.
- Soil pH is a determining factor in achieving high yield. Over 50% of soils in Quebec and eastern Ontario need lime to restore optimal pH levels.
- The likelihood of having depleted soils are high and are causing farmers to lose money.



Can I get a financial incentive to take advantage of GPS soil sampling?

Certainly. We understand that although this is a financially profitable undertaking, there is a cost to be absorbed before profitability. Synagri therefore offers you these two promotions:

1. The possibility of spreading payments over three years, i.e. 33% per year. So you can take advantage of the benefits immediately and defer payments. This offer applies to orders for all fields on the farm.
2. When variable rate potash is applied with our recommendations, we offer a \$10/tonne discount on the potash needed.

We are experts and we can help you improve the profitability of your land. To book your GPS soil sampling, contact your Synagri representative.