

SoyAgro. A dynamic input product for growing soybean yields.

Foliar nutrition supports a dynamic management of the soil and when applied at the right time and in the right amount, it encourages soybean growth. The right application promotes an increase in productivity. The main objective of **SoyAgro** is simple: abundant, bigger, and healthier pods.

SoyAgro at a glance

- Dosage: **4 L/ha** (1.6 L/acre)
- Optimal application stage: **first sign of flowering**
- 2006-2010 average increase of **241 kg/ha (3.6 bu/acre)**
- 2013-2014 average increase of **245 kg/ha (3.6 bu/acre)**

SoyAgro is a foliar nutrient designed for those who never compromise on quality. It works as hard as you.

SoyAgro. Your soil. Your choice.



Soybean is a cash crop.

Like any other plant, soybeans require a good supply of nutrients to optimize growth.

This document will help you determine when and how foliar nutrition can improve your soybean crop. The foliar nutrient **SoyAgro** has been specifically designed to fill the plant's need in minor elements. Applied at the right vegetative growth stage, **SoyAgro** will maximize the yield and the quality of soybeans harvested in your field.

Soil + nutrients

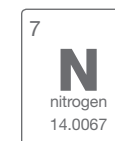
To determine the appropriate application time, it is important to identify the development of the soybean plant by referring to the vegetative growth stages instead of the plant's height.

It is also important to know that soils poor in organic matter and with a coarse texture have a tendency to be poor in boron (B). Soils with a neutral or alkaline pH level may be deficient in manganese (Mn) and have a tendency to induce iron (Fe) deficiencies in soybean crops. Finally, a soil rich in phosphorous may induce a deficiency in zinc (Zn).

Foliar application of **SoyAgro** at the right vegetative growth stage supplies the required micronutrients at the right time to maximize pod development allowing your soybeans to reach their full potential in crop quality and yields.

Benefits of micronutrients in soybeans

Supply in nitrogen and micronutrients (boron, manganese, iron, and zinc) is beneficial and can be a determining factor in obtaining yields of superior quantity and quality.



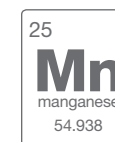
Nitrogen (N) and the soybean plant

- Promotes better plant and leaf development which are more conducive to an increase in productivity, especially when applied before the R2 stage



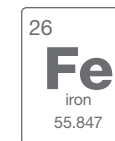
Boron (B) and the soybean plant

- Allows pollination of soybean flowers and other crops
- Optimizes pod development
- Promotes the development and growth of nodules in legumes



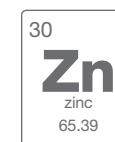
Manganese (Mn) and the soybean plant

- Required for photosynthesis in plants
- Plant tissue rich in manganese may reduce the incidence of mildew, sclerotiniosis and bacterial scald in the soybean plant



Iron (Fe) and the soybean plant

- Iron deficiency in the soybean plant may cause up to 0.8 T/ha loss in overall yield



Zinc (Zn) and the soybean plant

- Zinc deficiency may result in a lesser production of flowers and beans
- Zinc could have an important role in pod formation
- Foliar nutrition with zinc could have a greater beneficial effect depending on soybean varieties

For more information

1 866 770-8887 toll free
www.agro-100.com

SoyAgro

For growing soybean yields.
Your soil. Your choice.

results

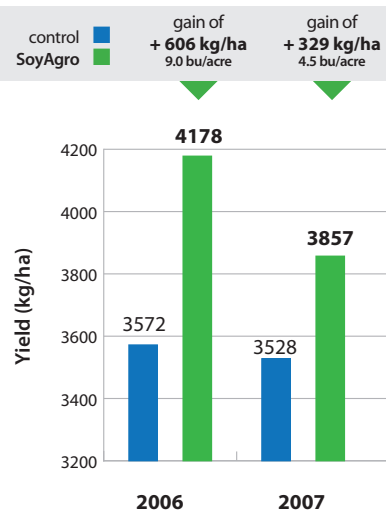
Yields that reach their full potential

The charts show that applying **SoyAgro** has generated significantly higher results when compared to control plots. These increases are spectacular. The application of **SoyAgro between the V5 and V7 vegetative growth stages** supports and reinforces soil fertilization.

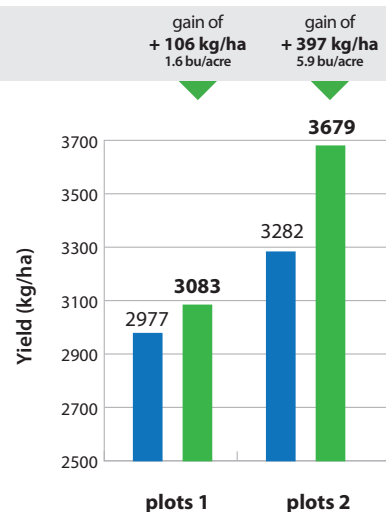


In 2013-2014, another 17 trials were conducted in order to measure the effect of **SoyAgro** on soybean yields. These trials took place in Eastern Canada. Results show an **average gain of 245 kg/ha (3.6 bu/acre)** in favour of **SoyAgro** compared to control plots.

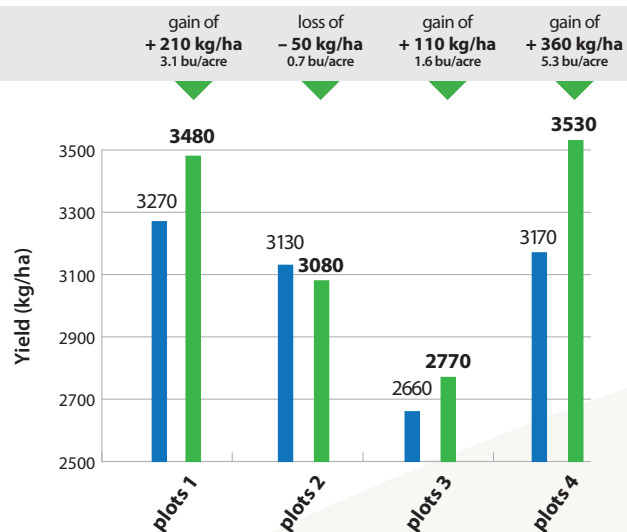
Effect of **SoyAgro** on soybean yields in Batiscan (2006 and 2007)



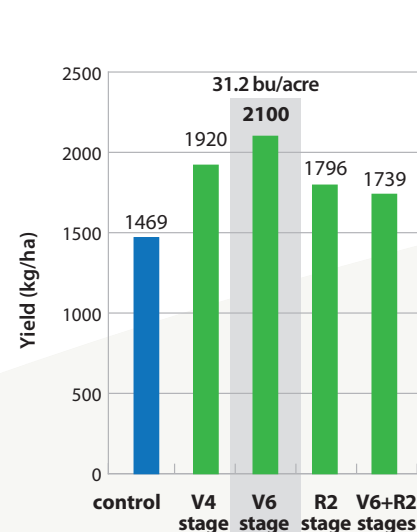
Effect of **SoyAgro** on the yields of two soybean varieties in Lanaudière (2007)



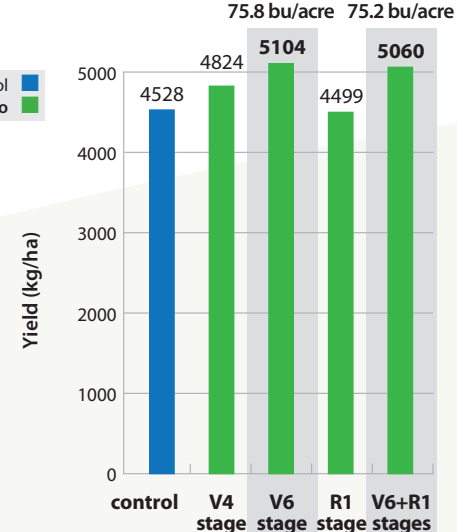
Effect of one pass of **SoyAgro** on the average yields of a soybean crop in Sherrington (2008)



Effect of timing of **SoyAgro** application on soybean yields (2009)



Effect of timing of **SoyAgro** application on soybean yields (2010)



Trials conducted under the supervision of Dr Régis Baziramakenga, Laval University

vegetative growth stages

SoyAgro. A tactical ally to soil fertilization.

Liquid foliar nutrients provide a tactical advantage to your production. The application of **SoyAgro** at the right vegetative growth stage supports and reinforces soil fertilization. By providing the growing soybean plant with all the nutrients necessary to maximize the full genetic potential of the variety, **SoyAgro optimizes pod development as well as overall yield results.**

Images from: Coop Extension Service (1982). *How A Soybean Plant Develops*. Special Report No. 53. Iowa State University of Science and Technology, USA.

V5 stage
five nodes starting from the first trifoliolate



V6 stage
six nodes starting from the first trifoliolate



V7 or R1 stage
seven nodes starting from the first trifoliolate
first flower blossoming on a node

