

Summary 0002

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Brevity is the key!

Instructions

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1. Click on in the upper right corner of the page to open the editor.
2. Put your cursor in the **Excerpt box** to write and modify the summary. (The Excerpt box will appear once you edit the page.)

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3. Hold back on formatting options and do not use Heading 1 and 2. This can hurt page layout.

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4. Click on Update in the lower right corner of the editor to save your changes.

The Argentine No-till Farmers Association (Aapresid) promotes the sustainable production of food, fibers, and energy, mainly by two actions: developing agricultural systems which optimize production with lower environmental impact, and promoting innovation in networks.

The production system promoted by Aapresid aims to emulate nature and it is based on the following pillars:

- 1- NO TILLAGE, as a non-negotiable condition;
- 2- INTENSIFICATION, living crops in the fields all year round;
- 3- DIVERSIFICATION, smart integration and rotation of crops and production in time and space;
- 4- BALANCED NUTRITION;
- 5- INTEGRATED PEST MANAGEMENT; lower use of supplies to control plagues.

This agricultural model is an ally against the challenges faced by Humanity regarding the need to produce food with a smaller environmental footprint as well as to mitigate climate change.

Below we would like to show a practical example of the implementation of these pillars that govern our *raison d'être*. The "Chacra Pergamino", a regional project led by Aapresid farmers who, along with specialists from research institutions and universities and companies in the sector, decided to find out whether it was possible to increase production and at the same time reduce the environmental impact.

For this purpose, they evaluated the evolution of soil health indicators (chemical, physical and biological), environmental impact indicators associated with the use of phytosanitary products (EIQ), fertilizer use and GHG emission balances for different crop rotation and agronomic management models over a period of more than 10 years.