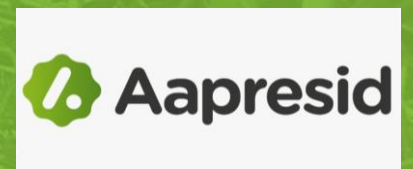


AAPRESID

Argentine No-till
Farmers Association

GCAN

Global Conservation
Agriculture Network



GCAN - Global Conservation Agriculture Network



 **Aapresid**

GCAN – Key Messages

Conservation Agriculture combines profitable agriculture with environmental concerns and sustainability, by implementing:

- 1) No soil disturbance
- 2) Use of cover crops
- 3) Crop rotation



Central role of FARMERS in developing and disseminating sustainable production systems

Importance of interinstitutional and interdisciplinary NETWORKS

Need for adequate PUBLIC POLICIES

WHAT IS AAPRESID?

It's a **nongovernmental and non-profit organization** founded in 1989, in response to the high rate of soil erosion caused by conventional tillage. It is comprised of **1700 members** - farmers and agronomists - who produce and/or consult for over **11 million hectares** in Argentina, using the best technology.

OUR MISSION

To promote **sustainable food, fibers, and energy production systems** through innovation, science, and knowledge networks.

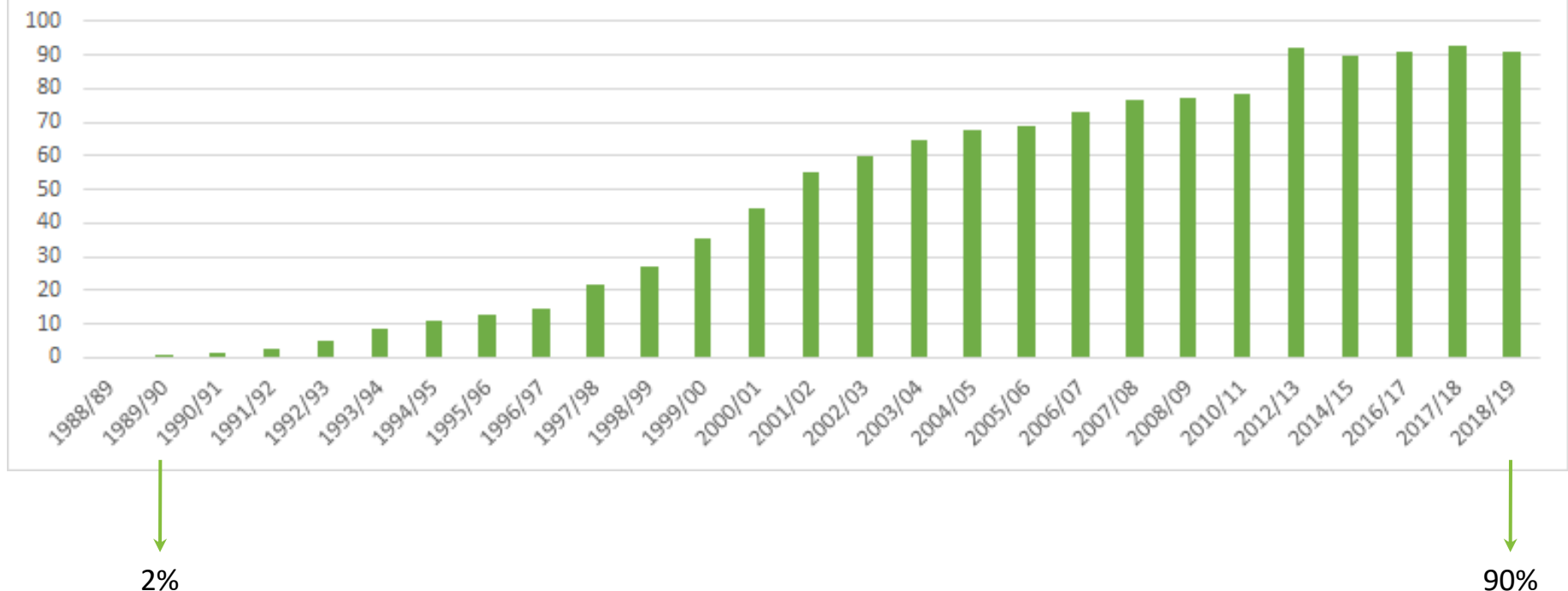


30 years promoting sustainable agriculture paradigms



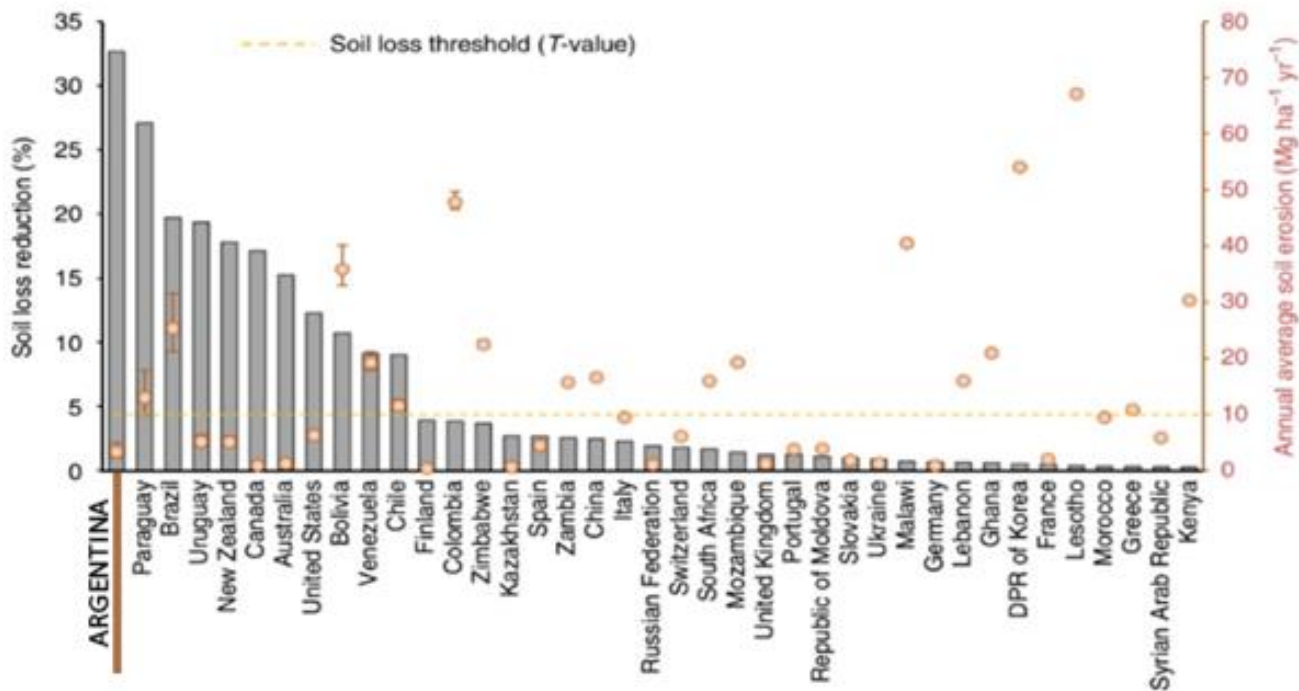
No-till adoption evolution in Argentina

No till surface evolution in 6 main extensive crops in Argentina (%). Seasons 1989/90 to 2018/19



*soy, corn, wheat, sunflower, sorghum and barley

No-till farming: Argentina's differential in agricultural production



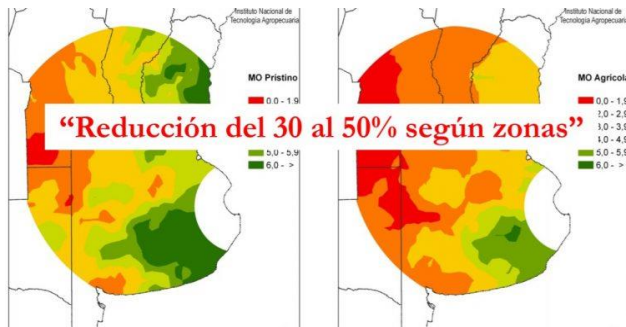
In 2017 Aapresid received the GLINKA World Soil Prize which honors the guardians of the world's soils.

Nature Magazine: Argentina world leader in soil loss reduction

Challenges that led to “always green agriculture”

Low intensification and diversification of crop rotations that led to:

SOM and nutrient loss



Source: Hernan Sainz Rozas, INTA

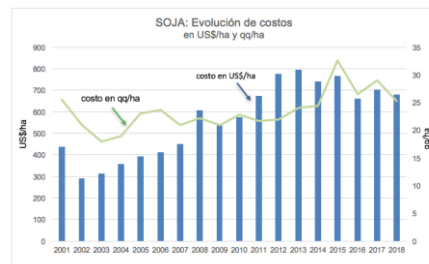
Herbicide tolerant and resistant weeds



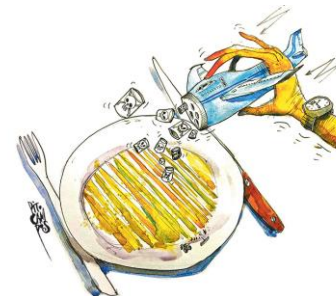
More frequent floods and droughts



Decreasing profits for farmers



Negative social perception



Always Green Agriculture (AGA)

- **What?** A production model that promotes soil biological activity
- **Why?** Soil biological activity is behind key natural processes and cycles
- **How?** Introducing live and diverse roots for as long as possible during the year, including cover crops, grain crops and pastures



AGA Benefits

- **Increases C sequestration (equivalent to taking 1.5 million cars off the road) and contributes to mitigating climate change**
- **Reduces herbicide applications by 50%**
- **Reduces the environmental impact of herbicide use by 60%**
- **Reduces the use of chemical fertilizers by 20%**
- **Makes the most of every mm of water and reduces the risk of flooding by 40%**

Today Aapresid focuses on promoting and adapting AGA to different regions of Argentina and other countries through R&D, knowledge sharing, discussion events, meetings and networks led by Aapresid's programs

Annual Congress



Today Aapresid focuses on promoting and adapting AGA to different regions of Argentina and other countries through R&D, knowledge sharing, discussion events, meetings and networks led by Aapresid's programs

 Aapresid
regionales



Field days



Weekly streaming channel



AAPRESID AGENDA

CICLO DE CHARLAS

Lechería: desafíos y oportunidades



Today Aapresid focuses on promoting and adapting AGA to different regions of Argentina and other countries through R&D, knowledge sharing, discussion events, meetings and networks led by Aapresid's programs

School extension program & Aapresid youth



Knowledge and technology transfer



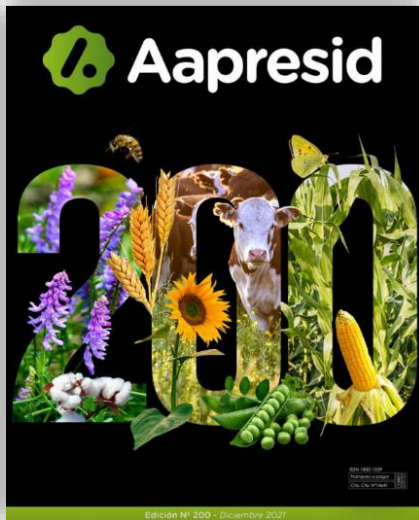
Participation in international events



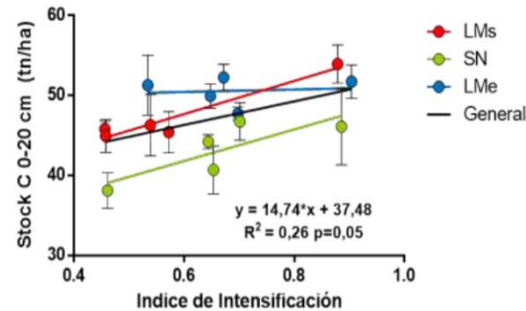
Developing sustainable production certifications



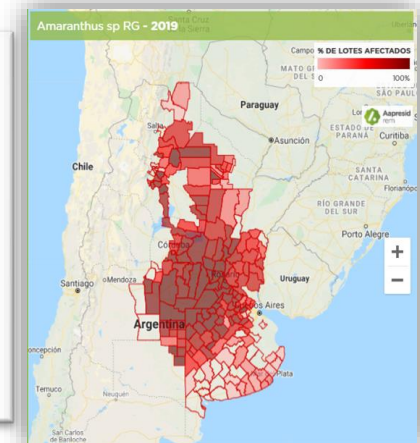
Digital monthly magazine



Scientific information and training of HRR



Leader in pest resistance knowledge



OUR PROGRAMS

 **Aapresid**
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rem
red de manejo de plagas **Aapresid**
regionales **Aapresid**
sistema chacras **Aapresid**
certificaciones **Aapresid**
internacional

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