



BUENOS AIRES AGRO

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# Oat breeding in Argentina: public and private partnership

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Chacra Experimental Integrada Barrow – INTA Bordenave



A photograph of an oat field with rows of young green plants. In the background, there is a line of tall, thin trees under a clear sky.

**Oat breeding in Argentina was carried out by private and public institutions (1920).**

**Today INTA Barrow and INTA Bordenave maintain the program.**



# History

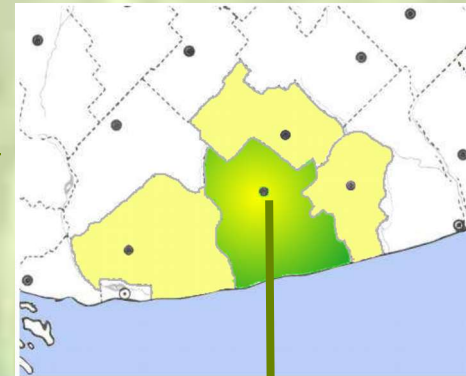
La Prevision (1923), Chacra Experimental de Barrow (Buenos Aires Province 1942), agreement INTA (1962).

It's a model that enables strengthening of research activities in cereals, grain quality, oilseeds, livestock, research information.

# Location



**Chacra Experimental Integrada Barrow**



**Tres Arroyos**

**CHACRA EXPERIMENTAL INTEGRADA BARROW**  
(Convenio MAA-INTA)





# Objectives: New cultivars

For forage



# Objectives: New cultivars

## Grain industry



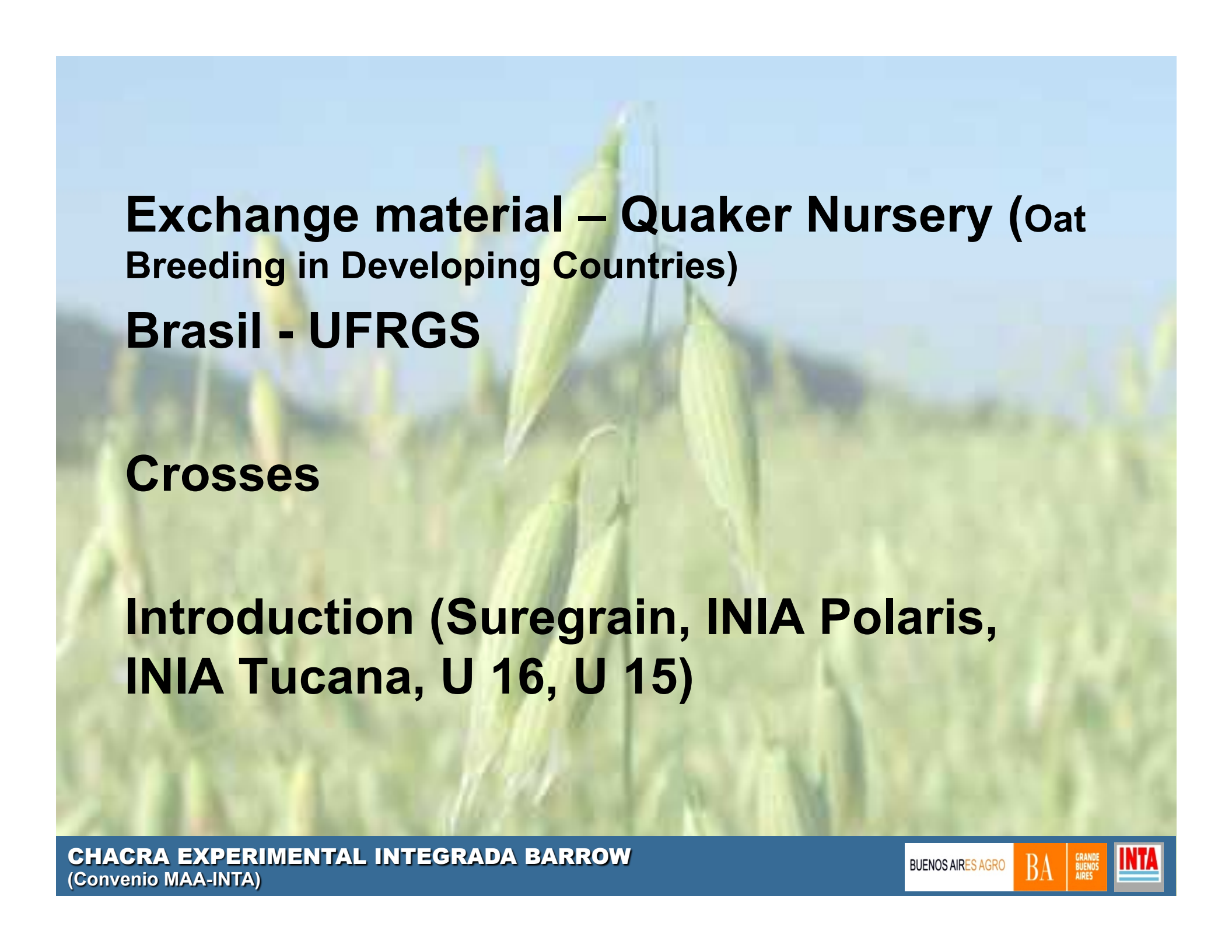
Grain and quality for food industry (test weight, protein, groat, beta glucans)





**Before 1970 Avena byzantine**

**After Suregrain, Avena sativa**



# **Exchange material – Quaker Nursery (Oat Breeding in Developing Countries)**

## **Brasil - UFRGS**

### **Crosses**

### **Introduction (Suregrain, INIA Polaris, INIA Tucana, U 16, U 15)**



**Cultivars commercialized by agreements  
(INTA-private enterprises)**

**INTA-Cooperative Associations of the  
Experimental Stations (integrated by  
institutions, cooperatives, professionals  
and farmers)**



**Part of the royalties are turned over to research programs.**





**Thank you very much!!**

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