

Research, Study and Experimentation Centers for productive techniques and technologies



Productive infrastructures inaugurated at the service of producers

Technological Development Center

Farms for genetic improvement of pigs.

Farms specialized in genetic improvement of birds.

Laboratory for the production of fish.

Farms for genetic improvement of sheep and goats.

Soil and Water Laboratory.

Greenhouses for the production of vegetable seedlings.

Food processing Plant for large and small livestock.

Laboratories for tissue crops to produce Banana, Root and Tuber seedlings.

Agro-Food Laboratory.

Laboratory for Animal Diagnostic.



Biofactory for the production of Banana Seedlings, Managua



CDT Commander Hugo Chávez, San Isidro



CDT Augusto C. Sandino, El Rama



CDT Fidel Castro, Posoltega Municipality



Bovine Genetic Improvement Center



Dairy Processing Laboratory, Nueva Guinea



Soil and Water Laboratory, Posoltega



Laboratory for Veterinary Diagnostic, Nueva Guinea



Agro-Food Laboratory, Managua



Greenhouse for the production of Vegetable seedlings, Estelí



Porcine Genetic Improvement Farms, Masatepe, Pantasma, Muy Muy, Estelí, Posoltega, El Rama and Nueva Guinea



Bird Genetic Improvement Farm, San Isidro



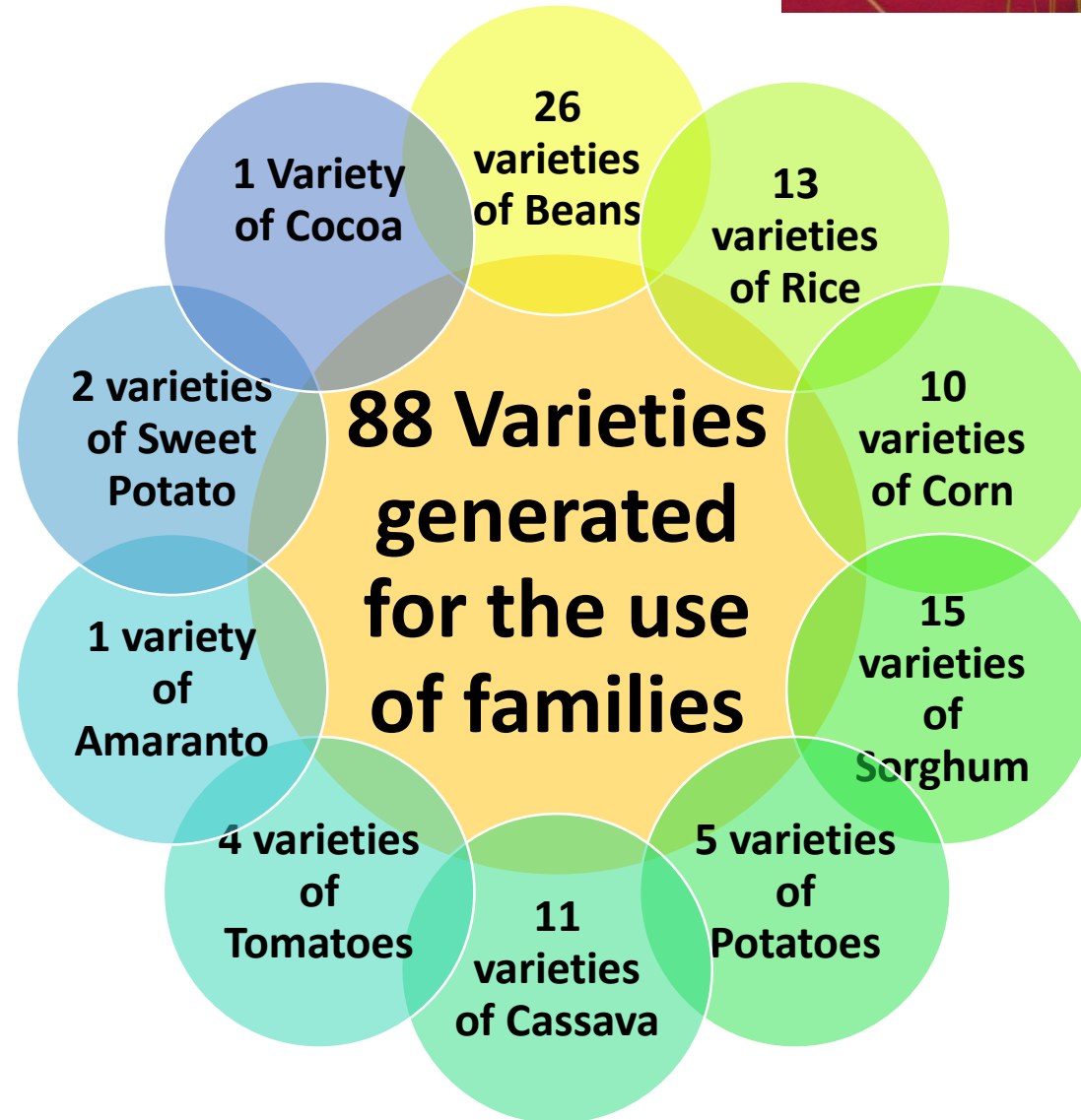
Centers for Technological and Development Specialties



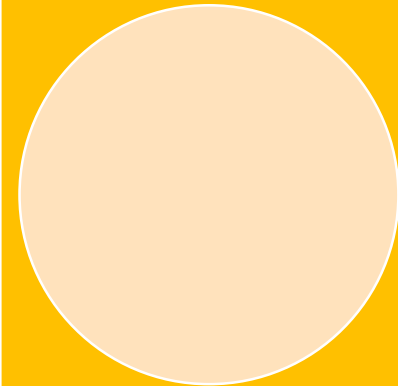
Work that we develop with producers



Main results of the Centers for Technological Development

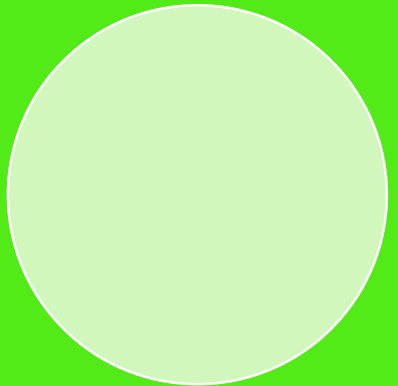


Main Varieties to Produce in 2020



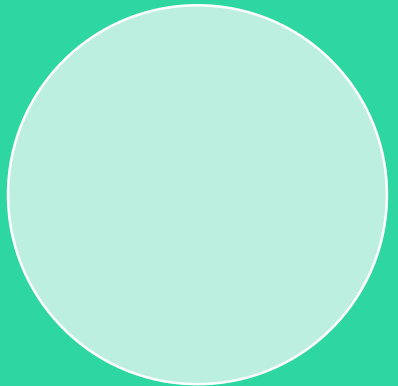
Basic Grains

- Beans (6)
- Rice (9)
- Corn (4)
- Sorghum (6)



Roots and Tubers

- Potato (2)
- Cassava (2)
- Sweet Potato (1)



Vegetables

- Tomato (1)

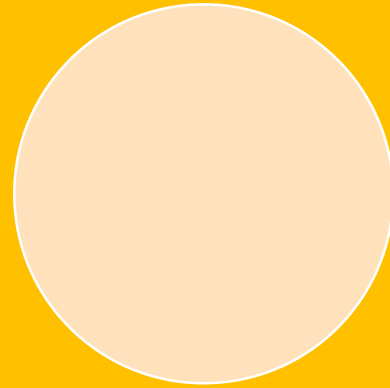


Non-traditional crops

- Sesame (1)
- Pitahaya (2)
- Amaranto (2)

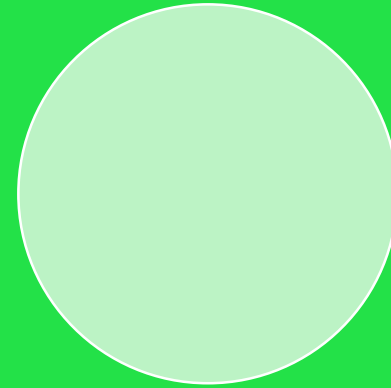


Technologies and practices to present in 2020



Agri-food

1. Banana Flour
2. Sacha Inchi Oil
3. Cassava Processing



Biological Inputs

1. Biological Fertilizers
2. Root Growth



Preparation for animal feeding

1. Fruit Silage
2. Pasture Silage



Knowledge exchange between producers using information and communication technologies

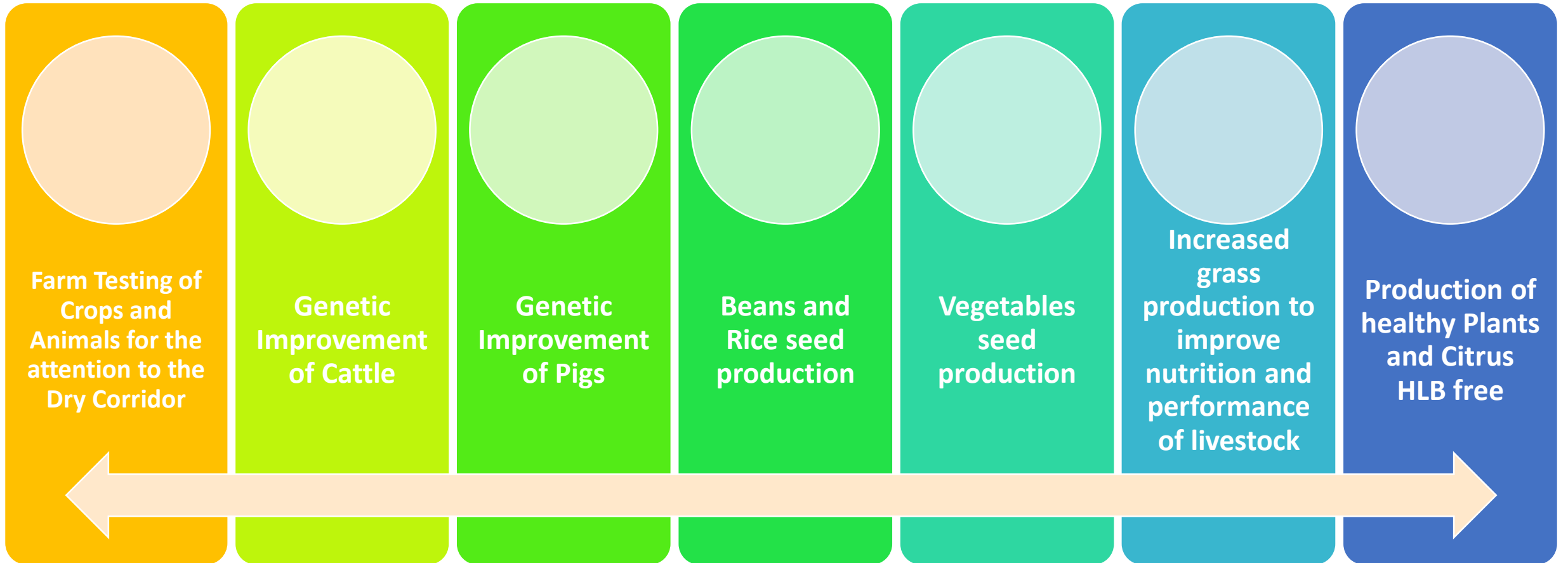
100 telecentres for
technological
exchange.

ARROZ NICA and
FRIJOL NICA mobile
applications.

Virtual congresses to
increase productivity.

Videoconferences with
national and
international
specialists.

New Programs developed in 2020 to accompany producer families



Thank You