

QUALITY AND ORGANIZATION MANAGEMENT FOR ASSOCIATIVE MODELS OF SMALL BEEKEEPERS IN ARGENTINE

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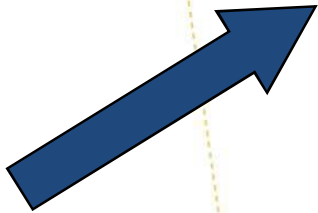
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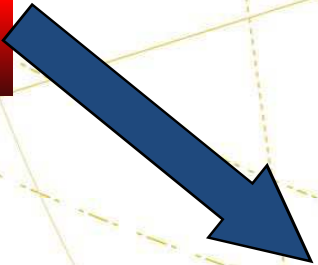
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INTA – PROAPI

**Technological
path**



**Organization
Management**



**Quality
Management**

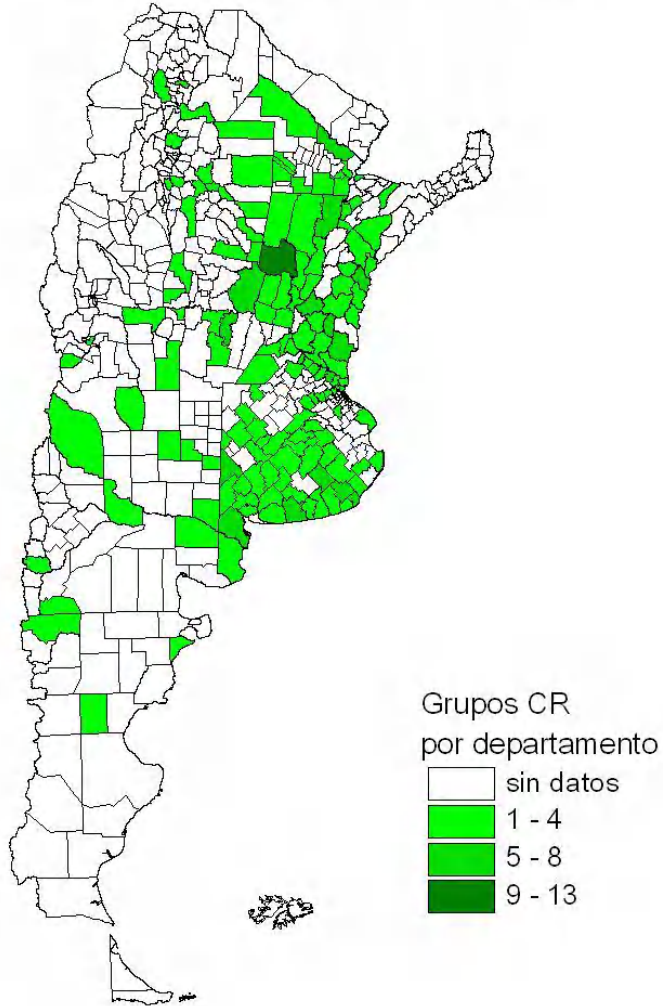
Objectives

- Improving competitiveness of beekeepers
- Differentiating the quality of honey offered
- Strengthening linkages with markets
- Small beekeepers can appropriate added value of beehive products.

Organization management

- Organization Management was developed together with the Federal Program for Rural development (ProFeder) in 1996, with 43 groups of beekeepers; actually more than 3000 beekeepers participate in 255 groups all around the country.

Grupos Apícolas Cambio Rural



Articulating with the Federal
Program of Support to
Sustainable Rural
Development

Beekeeping Cluster of NOA (Argentine Northwest)-Center.

- The most advanced are the 25 groups of beekeepers that evolved to 17 companies, most of them cooperatives. Now, they make up the Beekeeping Cluster of NOA (Argentine Northwest)-Center.



25 groups



18 companies

Provincial Programs

Cooperatives COSAR y Norte Grande

Beekeeping Cluster

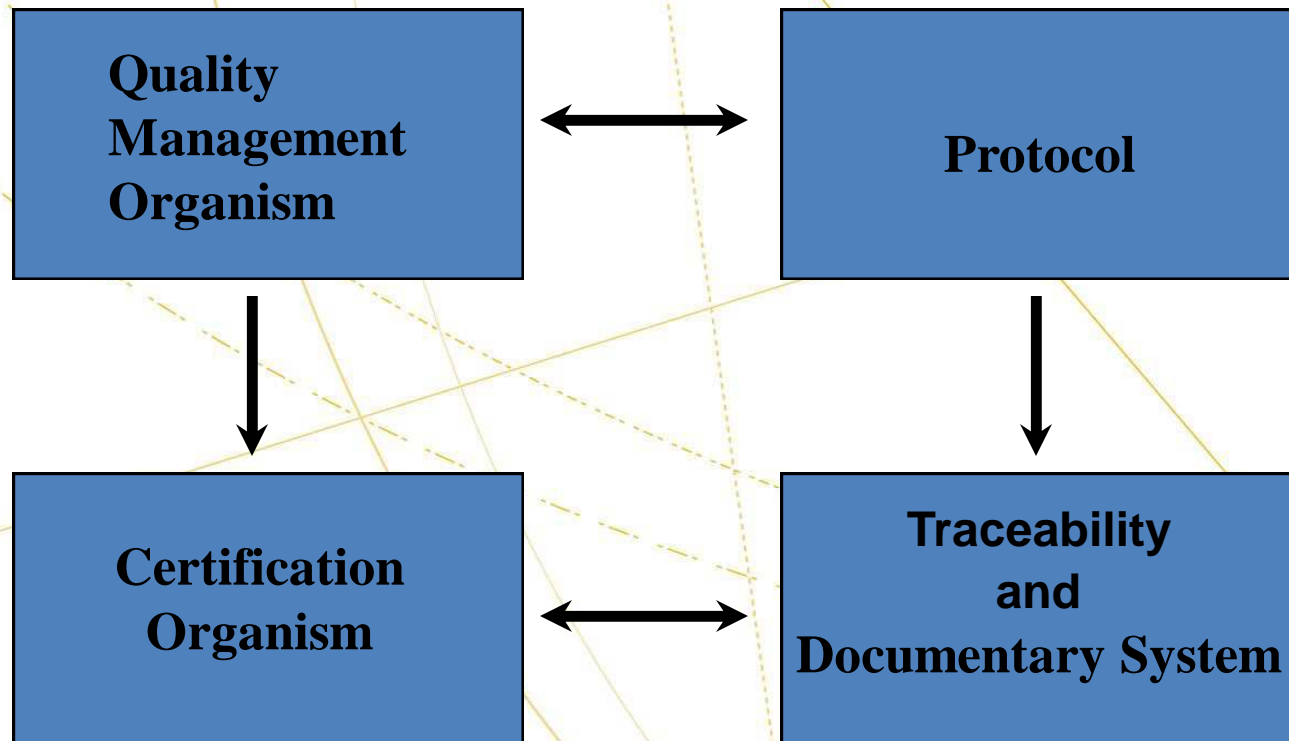
Quality Management

The management quality system with Managing Organism, specially designed for associative models allows traceability from the apiary to the market, with the communitarian honey extraction plant as a key point in the process.

Quality Management

- The most important characteristic that is related to an adequate group planning is to change from "quality is controlled" to "quality is done".

Quality Management System



Quality Management Organism

- Integrated by representatives of each group of beekeepers, promoters and all the process operators.
- It must elaborate the documentary system and Quality Manual.

Quality Management Organism

- It carries out the plan of internal audits.
- It carries out the plan of training.
- It applies sanctions in cases of non-conformities with the Protocol.

Protocol

- It describes the procedures of production:
 - Location of the beehives
 - Change of queens
 - Sanitary Plan
 - Good Practices of managing
 - Good Practices of Manufacture and HACCP in the Room of Extraction.

Protocol

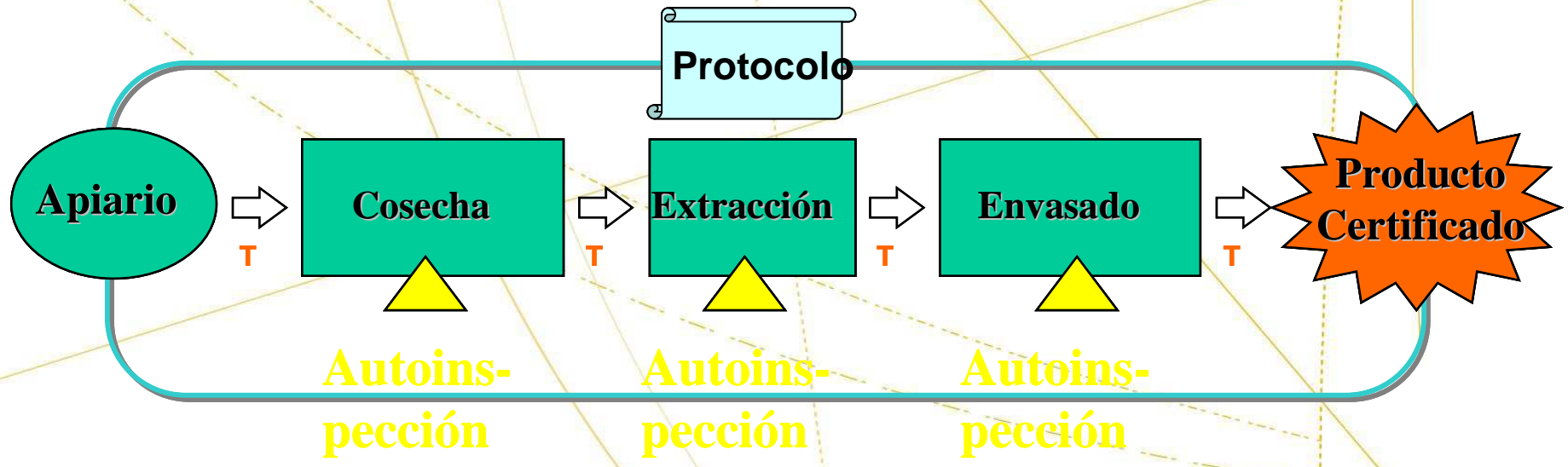
- It establishes the specifications of the products: honey, live material, propolis.
- It describes the plan of internal audits.

Traceability and Registers

- It allows to trace the product from the apiary up to the market.
- There are Registers in apiaries and extraction plants.

ORGANISMO GESTOR
Red de Promotores
Especialistas de PROAPI
Apicultores

**CERTIFICA-
DORA**



Conclusions

- The applied methodology and results obtained have played an important role in argentinean competitiveness of beekeeping sector while improving linkage to markets and differentiating the quality of honey offered.

Conclusions

- This Quality Assurance System with Management Organism permit than small beekeepers can appropriate added value of beehive products.





¡ Thanks for your attention!

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