

Animal Welfare Program of Chilean Dairy Consortium

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Introduction

- Since 2012 animal welfare became a priority subject for the Chilean Dairy Consortium (CDC).
- Why was it declared as a priority issue?
 - ✓ **Chilean Law No. 12.380 on animal protection**
 - ✓ **the increasing consumer awareness and demands for sustainability issues**
 - ✓ **the isolated efforts of different institutions in Chile working on animal welfare**
 - ✓ **to progress forward with the work that links the CDC to the International Dairy Federation (IDF)**



Introduction

- CDC invited to national experts in the field to join a committee on Animal Welfare

Committee on Animal Welfare:

- ✓ ***Universidad de Chile***
 - ✓ ***Universidad de Concepción***
 - ✓ ***Universidad Austral de Chile***
 - ✓ ***Instituto de Investigación Agropecuaria -INIA Remehue***
 - ✓ ***Servicio Agrícola y Ganadero (SAG)***
- With the task to define technical guidelines and goals for an Animal Welfare Program for the Chilean dairy sector



Animal Welfare Program

Main Objective

- *“To install Animal Welfare (AW) as one of the main pillars in milk production in the dairy sector”*



Animal Welfare Program

- **Project:**

“It was conducted with the aim of disseminating the concept of animal welfare through the dairy chain and increasing the awareness about the importance of this issue in milk production”



Evaluation

Metropolitana
Region
(North zone)



Farms group

De Los Ríos Region
(South zone)



**Status of Animal
Welfare**

Los Lagos Region
(South zone)

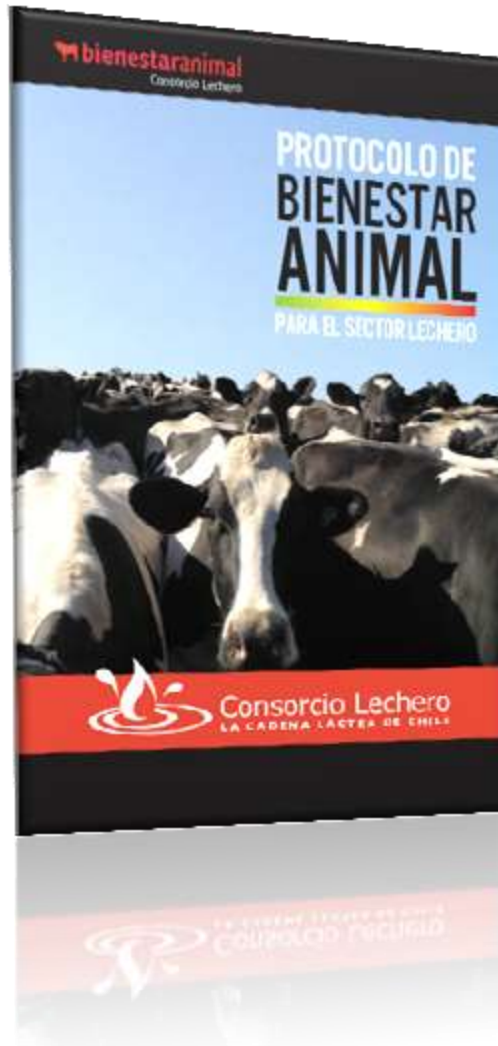


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Image Landsat

Google earth

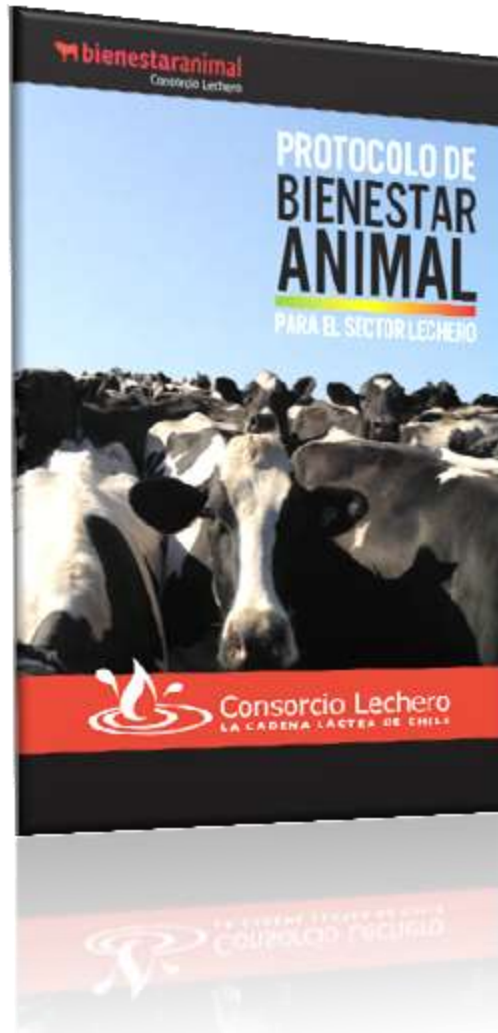


Animal welfare Protocol for Chilean dairy farms



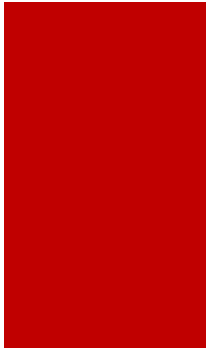
- This protocol was based on other existing protocols such as the Welfare Quality ® and APROCAL, but adapted to the needs and characteristics of Chilean dairy farms.

Animal welfare Protocol for Chilean dairy farms

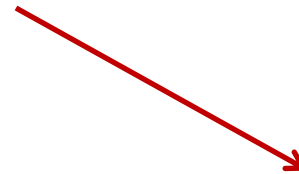
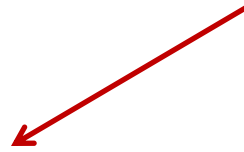


- **The protocol consists of :**
- **4 Principles:**
 - 1. Adequate Food
 - 2. Adequate Housing
 - 3. Adequate Health
 - 4. Appropriate Behavior
- **12 Criteria**
- **36 Indicators**

Animal welfare Protocol for Chilean dairy farms



36 Indicators (fast diagnosis of animal welfare conditions)

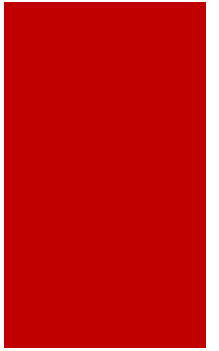
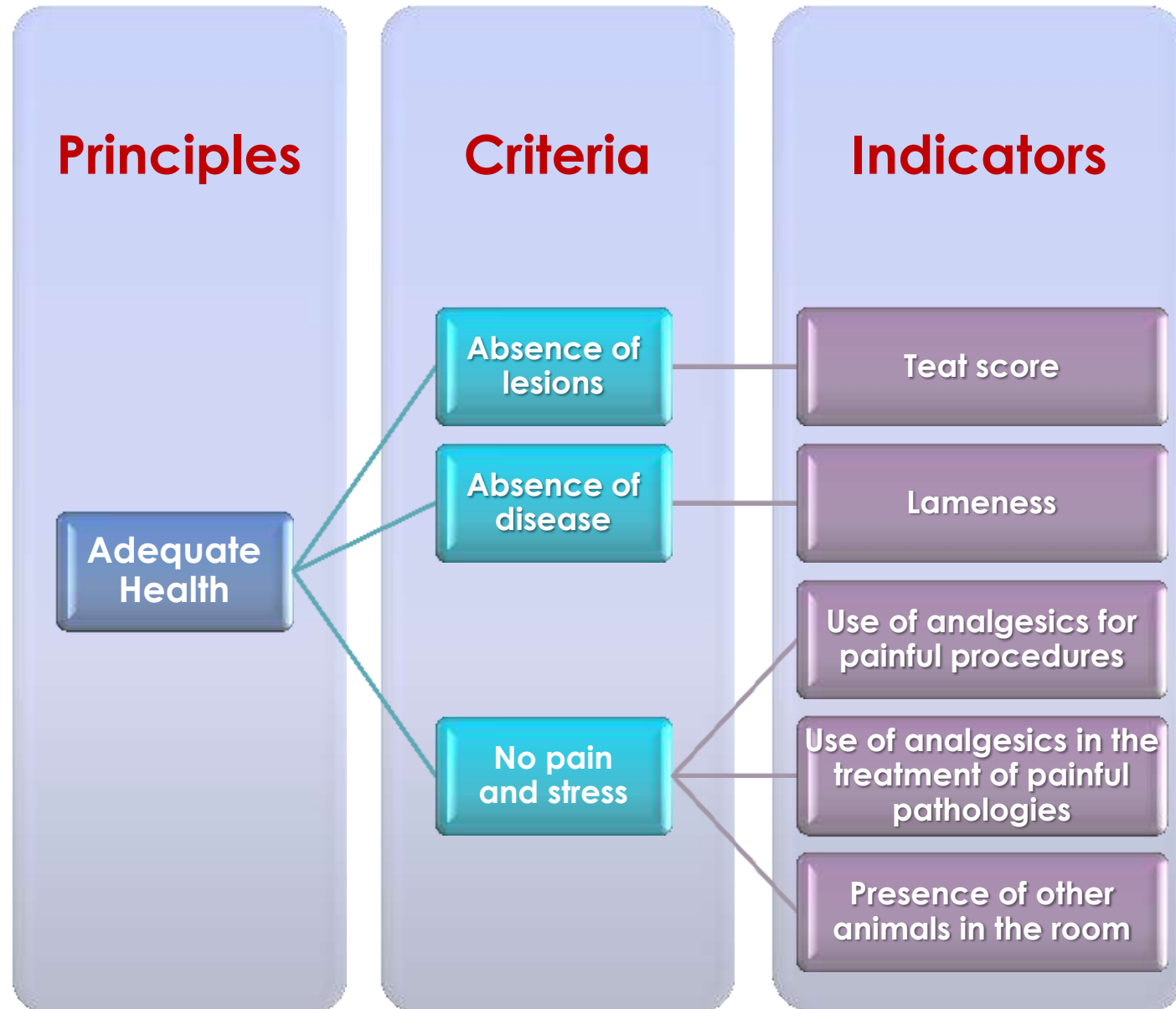


11 Direct Indicators:
based on the animal

25 Indirect Indicators:
based on the resources and infrastructure provided to the dairy herd.



Example



**Metropolitana
Region
(North zone)**

**1° Lameness
2° Heat Stress**

**Bío Bío Region
(South- Central zone)**

**1° Udder Health
2° Pain Management**

**De Los Ríos Region
(South zone)**

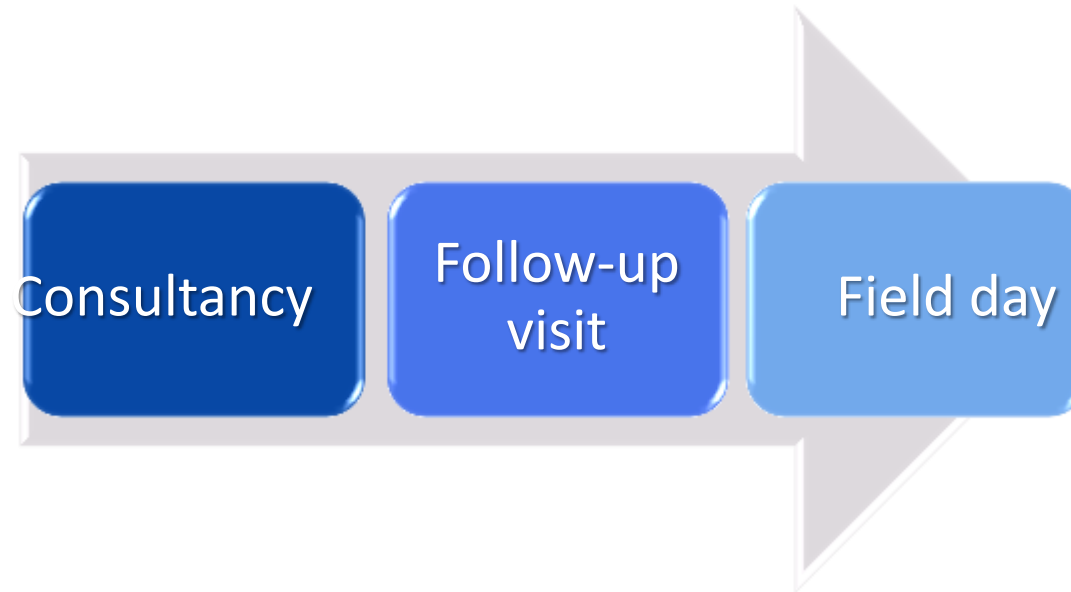
**1° Lameness
2° Udder Health**

**Los Lagos Region
(South zone)**

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat

Google earth

Technology Transfer Plan



- **Objective:** training farmers, consultants and employees to resolve each one of the priority topics.

Re-evaluation of the dairy farms

- At the end of this stage, a re-evaluation of the dairy farms was conducted with the animal welfare protocol, which allowed to assess the project's impact.



Results

- **Principles:**

- 1. Adequate Food and Housing**

- ✓ Not changes were observed after the project

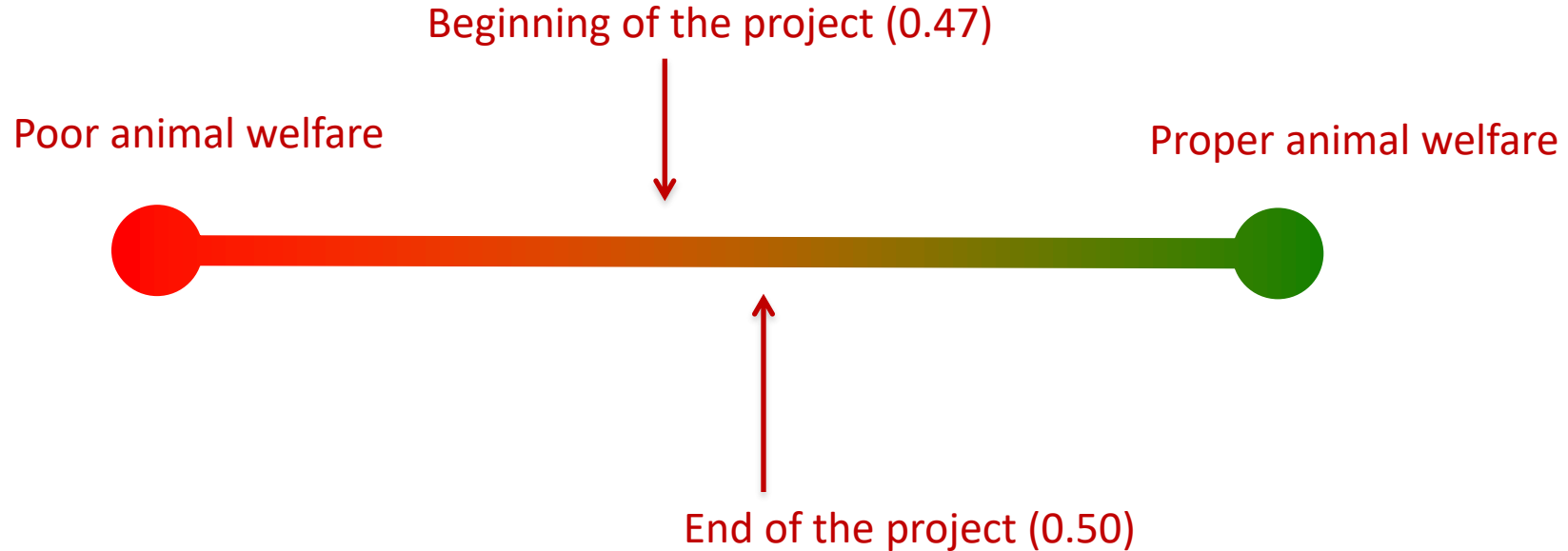
- 2. Adequate Health and Appropriate Behavior**

- ✓ On these principles major changes were observed
- ✓ Several associated indicators can be improved through management practices, which do not require for a large investment
- ✓ Continuous staff training is an important tool for improving animal welfare



Results

- Some improvements in the visited dairy farms were observed. However, there is still plenty of room to continue working and improving the welfare of dairy cows in Chile.



Products obtained

■ Protocol



■ Manuals



■ Bulletins



■ Video



■ Factsheets



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