

Improving bovine productions through the development of rational and innovative health approaches at low impact on environment

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

PROBOV

Tematica

Gestione aziendale

Information

Time frame

2019 - 2022

Durata

36 months

Partners (no.)

3

Regione

Veneto

Comparto

Zootecnia - bovini/bufalini

Localizzazione

ITH34 - Treviso

ITH35 - Venezia

ITH36 - Padova

Costo totale

€343.251,67

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP014: Italy - Rural Development

Programme (Regional) - Veneto

Parole chiave

Animal husbandry and welfare

Pest /disease control

Farming practice

Sito web

<http://www.probov.it/>

Project status

completed



Objectives

The objective of the demonstration project is to enhance bovine production by the development of “best-practices guidelines” for the solution of health problems, based on rational and innovative diagnostic/prophylactic/therapeutic approaches, that will lead to a measurable reduction of the antimicrobial consumption in the farm and, eventually, to a decrease of the environmental antimicrobial resistances. Furthermore, the project is oriented to the rank of involved farms by measuring the antimicrobial resistance determinants load of the residing natural microbial community.

Activities

The project foresees these activities: 1. Selection of the farms included in the study in order to ensure a stratified sample; 2. Assessment of the health history at the beginning of the study and of the health status of the herds included in the study, with particular reference to measures and vaccination protocols applied; 3. Definition and application of the diagnostic protocols and of the prophylactic and / or therapeutic practices; 4. Evaluation of the effectiveness of the protocols and their modifications, if needed; 5. Study of the impact on environment of antimicrobial use in the involved farms.

Valorizzazione delle produzioni bovine attraverso lo sviluppo di un processo sanitario razionale e innovativo a basso impatto ambientale

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/valorizzazione-delle-produzioni-bovine-attraverso-lo>

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Latteria di Soligo sac	Via I Settembre, 32 31010 Farra di Soligo TV Italy	0438 985111	info@latteriasoligo.it
Partner	Istituto Zooprofilattico Sperimentale delle Venezie	Viale dell'Università 10 35020 Legano PD Italy	049 8830380	comunicazione@izsvenezie.it
Partner	Studio 3A srl	Via Panà, 56 35027 Noventa Padovana PD Italy	049 5914270	misura16@studio3a.info

Pratiche abstract

Description

Aim of the present project is to define the "best-practice guidelines" to be applied in case of infection in dairy cattle herds. The effectiveness of the new defined management options will be assessed by evaluating the trend of the use of antimicrobials during the entire duration of the project. In addition, phenotypic and genotypic antimicrobial resistances will be monitored in the microbial community of the farm and compared with those recorded in "wild type" microorganisms and in microbial communities residing in less anthropic ecological niches. The classification of the level of antimicrobial resistances detected in the herd would enhance the value of the final product for consumers. At the end of the project, the developed "rational" guidelines might be recognized by certification bodies.

Link utili

Titolo/Descrizione	Url	Tipologia
Sito web del progetto	http://www.probov.it/	Sito web
description of the project	https://www.izsvenezie.it/probov-valorizzazione-produzioni-bovine/	Link ad altri siti che ospitano informazioni del progetto
Online news	http://www.sivempveneto.it/probov-un-progetto-di-valorizzazione-delle-produzion...	Link ad altri siti che ospitano informazioni del progetto

Valorizzazione delle produzioni bovine attraverso lo sviluppo di un processo sanitario razionale e innovativo a basso impatto ambientale

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<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/valorizzazione-delle-produzioni-bovine-attraverso-lo>

Titolo/Descrizione	Url	Tipologia
Newsletter 1	https://www.probov.it/wpcontent/uploads/2023/01/Newsletter-1_VERIFICASTATO-SA...	Materiali utili
Newsletter 2	https://www.probov.it/wpcontent/uploads/2023/01/Newsletter-2_DEFINIZIONE-APP...	Materiali utili
Newsletter 3	https://www.probov.it/wpcontent/uploads/2023/01/Newsletter-3_VERIFICADELLESITO...	Materiali utili
Newsletter 4	https://www.probov.it/wpcontent/uploads/2023/01/Newsletter-4_VALUTAZIONE-DELL...	Materiali utili
Project Presentation	https://youtu.be/XtWgX2kQfPA	Materiali utili
Pagina Facebook del progetto	https://www.facebook.com/profile.php?id=100066780%20996870	Link ad altri siti che ospitano informazioni del progetto