

DEVELOPMENT OF A SYSTEM OF BIOSSECURITY CHARACTERISATION FOR PIG AND BOVINE HOLDINGS

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Introduction

Biosafety in livestock farms is one of the fundamental pillars of animal health and disease control. Its systematic application contributes to reducing the risk of introduction and spread of pathogens between farms, animals and people. In this context, the Directorate-General for Food and Veterinary Affairs has been developing tools for the assessment and monitoring of biosafety practices, adapted to the national reality.

Objective: develop and structure a biosecurity assessment system applicable to pig and cattle farms, based on harmonised criteria and adaptable to the Portuguese production context.

Application & Registration

The implementation and registration of this evaluation will be carried out through the Animal Disease Prevention and Control System.

 Sistema de Prevenção e Controlo de Doenças em Animais



Base on Legislation

- Animal Health Law [1]
- Ordinance 636/2009 [2]
- Ordinance 42/2015 [3]
- New Livestock Farming Scheme [4]

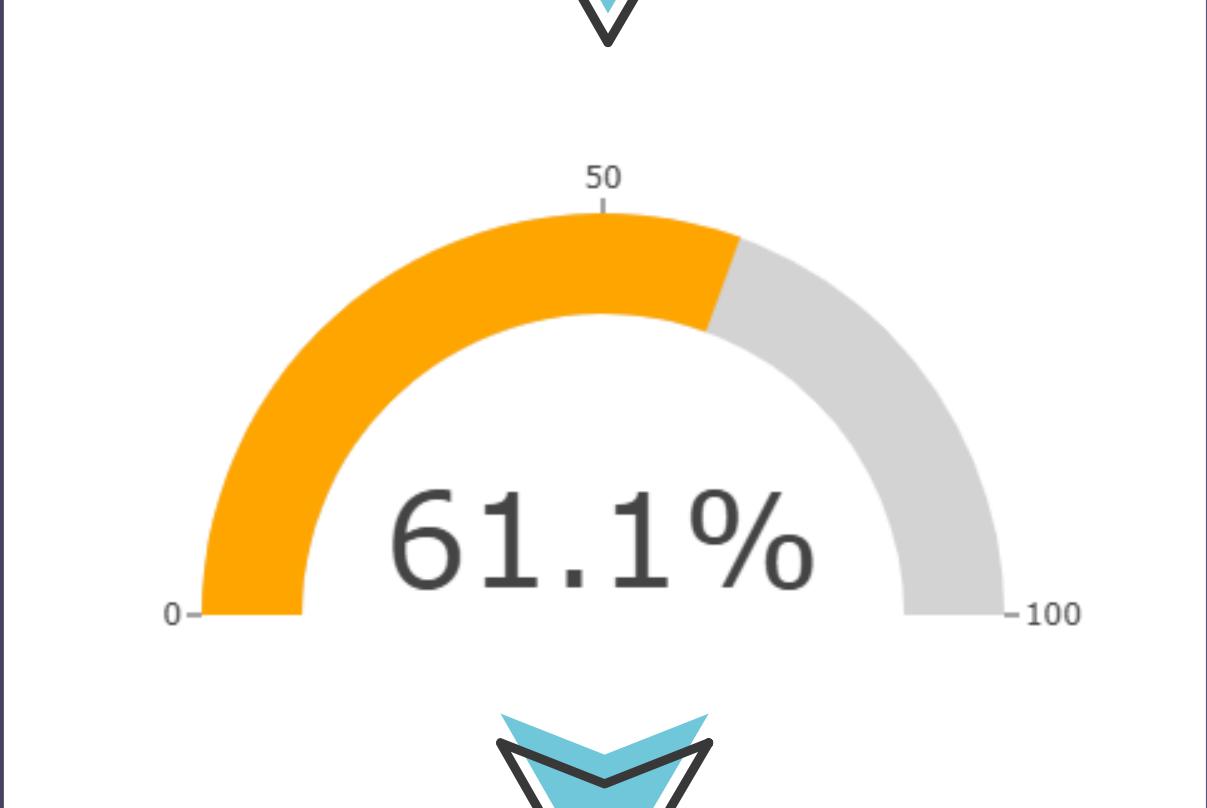
Questionnaires

Questions grouped into sections
Scores from 0.1 to 3 points
Final evaluation from 0 to 100%

Highlight for the partial section scores and identification of critical points requiring improvement

Número de Série: QBS-00132/2025

Author Holding	DGAV
	(ESTADO: ATIVA)
	+ INFO
Species Type	SUÍNOS (<i>SUS SCROFA DOMESTICUS</i>)
Creation Date	2025-03-05
Date Visit	2025-03-05
Date of approval	2025-03-21



61.1%

Biosafety Assessment

- Geographical risk (e.g. distance to other holdings or other sources of risk) 75.00%
- Physical protection measures (e.g. health barrier fence morgue, pest control) 55.37%
- Management measures (e.g. animals, food, vehicles and people entering and leaving, fallowing) 65.32%
- Evaluation of sectors (e.g. milking protocol, organisation of groups of animals) 65.00%
- Other rules applicable to staff, visitors and hunters (e.g. own keeping of animals, provenance of feed) 55.56%
- Maintenance and biosecurity during construction and repair of sites or buildings (e.g. maintenance of buildings, materials and equipment) 68.00%
- Protocols (See instructions) (e.g. animal entries and exits, quarantine, pests, cleaning and disinfection, sanitary) 75.00%

References

[1]Regulation (EU) 2016/429 of the European Parliament and of the Council of 9 March on transmissible animal diseases and amending and repealing certain acts in the area of animal health (Animal Health Law);
[2]Ministerial Implementing Order No 636/2009 of 9 June 2009 laying down the regulatory rules applicable to the activity of keeping and producing livestock or complementary activities of animals of the porcine species
[3]Ministerial Implementing Order No 42/2015 of 19 February 2015 laying down the regulatory rules applicable to the activity of holding and livestock production, or complementary activities, of bovine, ovine and caprine animals
[4]Decree-Law No 81/2013 of 14 June 2013 approving the new livestock farming scheme.

Conclusion

The questionnaires are currently in force and can be applied on the SPC platform through the joint action of the Veterinary Doctor and the Farm Producer or Farm Technician.

This system aims to standardise biosecurity assessment in national farms, promoting continuous improvement of health practices and supporting risk management in the livestock sector.