Mite-Control

Improvement of the strategy to control poultry red mite

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What challenge or problem are you addressing? What is the need for the project?

The poultry red mite (PRM) is a major threat to the egg production industry in the North-West European region. Prevalence of PRM is extremely high and increasing. Over 90% of the farms in NWE are infested causing economic losses above € 100 million annually. The lack of a sustainable approach to control infestations affects animal health and welfare, food safety and human health. MiteControl will develop affordable, effective and sustainable integrated pest management (IPM) strategies to control poultry mite infestations.

Objective of the project:

- Raise awareness by farmers to prevent improper (or illegal) treatment application and to support implementation of IPM
- Develop automated monitoring of PRM and treatment needed
- Develop and improve IPM strategies specific to the conditions in individual farms

Why do you need transnational cooperation?

- PRM is a major problem in the NWE region, where prevalence is expected to increase as a result of recent changes in hen husbandry EU-legislations, development of acaricide resistance and global warming.
- Transnational cooperation and knowledge exchange are needed to develop and improve IPM strategies.

What kind or partners are you looking for?

- Universities
- SMEs working on treatment and monitoring techniques
- Farmer organizations
- Experts in acarology

Your contact details

Name	Magdalena Gielis
Organisation	Experimental poultry centre, AGHRANT
Region	Flanders, province of Antwerp
Country	Belgium
Telephone number	0032 487 244 927
Email	leen.gielis@provincieantwerpen.be
Website	www.proefbedrijfpluimveehouderij.be