



Farmer Name:

Address:

Protocol for Investigation of a Suspected Lack of Efficacy to an Endectocide

The following document is designed to provide SQPS and advisers with a protocol to work to when there is a report by a farmer that a treatment applied against sheep scab has not been effective (due to poor application and/or suspected resistance) and sheep still appear to be itching / rubbing. The objectives are to:

- Safeguard the welfare of the sheep by ensuring appropriate actions (and treatments if required).
- Avoid overuse of treatments, especially of the same active class, by ensuring best practice and veterinary diagnosis are employed.
- Encourage reporting of the suspected lack of efficacy to the Market Authorisation Holder (MAH) or VMD (see below for details).

1. Class of sheep (ring all that apply)

Pregnant ewes / Dry adult sheep / lambs at foot / weaned lambs / store lambs / other (specify)

2. Was there an initial confirmation (diagnosis) of sheep scab?

Yes / No / it was a Quarantine treatment*

If **Yes** complete the table below ticking all those that apply

Dates	Farmers own assumption	Vet visit (examination)	Positive on skin scraping	Positive Elisa blood test

If No (or it was a quarantine treatment*), then a diagnosis by the farmers vet to confirm sheep scab should be advised immediately.

3. When were the sheep treated and with what product?

Product	MAH / Distributor	Date (s)	Questions	Yes /No	If no, what was done?
Gold fleece - Diazinon	Bimeda		Plunge dip?		
Cydectin LA -moxidectin	Zoetis		Base of ear?		
Zermex LA -moxidectin	Zoetis		Base of ear?		
Cydectin 1% moxidectin	Zoetis		Two treatments?		
Zermex 1% - moxidectin	Zoetis		Two treatments?		
Dectomax -Doramectin	Elanco		Moved post treatment?		
Ivomec Classic -Ivermectin	BI* Animal Health		Two treatments / moved?		
Panomec - Ivermectin	BI Animal Health		Two treatments / moved?		
Paramectin	Norbrook		Two treatments / moved?		
Molemec _Ivermectin	I Animal Health		Two treatments / moved?		
Noromectin -Ivermectin	Norbrook		Two treatments / moved?		
Premadex - Ivermectin	Chanelle		Two treatments / moved?		

**Boehringer Ingelheim*



4. Check product dose rate/application (split into different groups/classes of sheep e.g. ewes from ewe lambs).

Group of sheep	Group 1	Group 2	Group 3
Product used and Batch number if possible			
Weight of sheep (weighed or estimated?)			
Dose given /replenished properly if dipped?			
Date administered			
Applicator / gun used Mobile / home dip or shower jetter?			
How was the applicator calibrated?			

5. Record below and discuss with the customer any issues arising from the questions above

This includes possible reasons for lack of efficacy and discuss with the customer in the table below. *E.g. weight estimated / gun uncalibrated / shower used for OP / only one treatment with Ivermectin.*

Issues noted as potential causes of apparent lack of efficacy

Now you should report this to either:

- The VMD via their [pharmacovigilance online reporting form](#)

OR

- The Marketing Authorisation Holder/manufacturer. Details for the relevant MAH can be found on the SPC, the product leaflet or the NOAH data sheet under the manufacturer section. [Link to AMTRA form here?](#)

This form is not part of the official pharmacovigilance process. DO NOT use this form to report or send to SCOPS – use the reporting channels detailed above