FECPAK-G2

Sm@RT
Sm@ll Ruminant Technologies

Need:

- Detection common parasites/manage internal parasites/and treatment

- Parasitism detection/faecal egg sampling/when to treat/how well wormer treatments have worked

Aim:

Undertake faecal egg counts using an internet connected, image based diagnostic platform which can be done without a laboratory.

Description:

FECPAK G2 kit is a diagnostic platform which allows one to undertake faecal egg counts without the requirement for a laboratory or the need to send faecal samples to a laboratory. It is image based which allows sampling to be undertaken at any time and uploaded through the computer software. Results are returned to the person who uploads the sample images within 24 hours.

How to Implement:

Fresh faecal samples need to be collected

Detailed instructions and videos are provided which show how to prepare the faecal sample.

Results are returned to the person who uploads the sample images within 24 hours
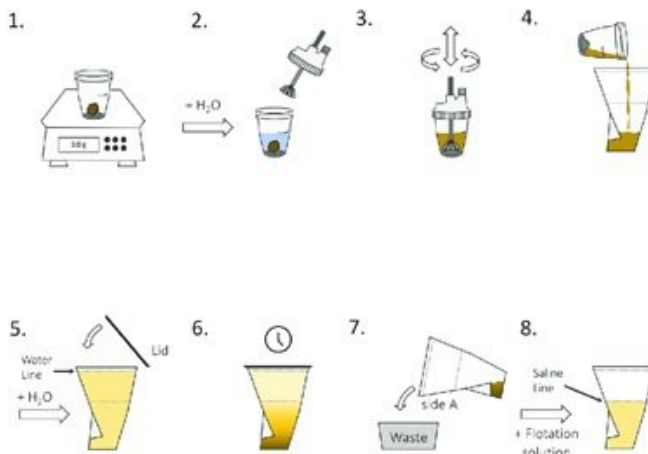
Country:

UK

Production System (dairy or/and meat sheep/goat):

Dairy and meat sheep

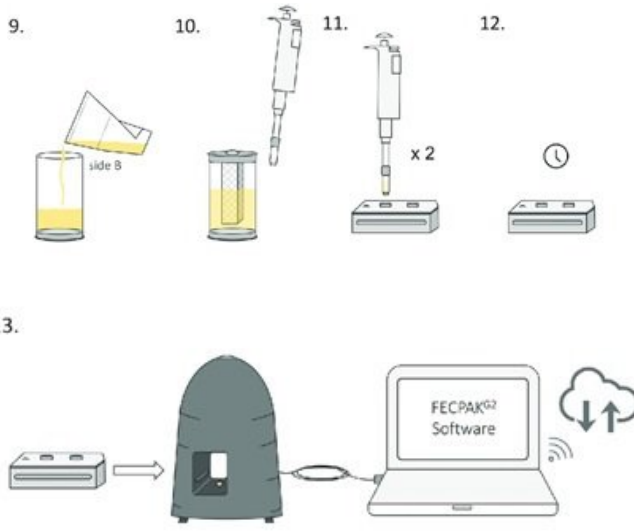**Category of Animal (ewe, goat, replacement, lamb, kid):**

Sheep and goats, all ages

Source of Information:

Attachment/Links:

FECPAKG2 technology for easy and accurate Faecal Egg Count testing. (youtube.com)

13.

The device requires internet connection to upload the image to the FECPAK software (https://online.fecpakg2.com/login)

Expected Benefits:

- Can help to optimize worm control and check how well treatments have worked.

- Can be undertaken by anyone without laboratory facilities

- Fast results

Costs and Challenges:

- Requires internet access

- Uses a different protocol and set of equipment to diagnose liver fluke infection

- Monthly subscription required

- Ease of use? Scale 1 (Complicated) – 10 (Simple)

1 2 3 **4** 5 6 7 8 9 10

- Value for money (for this type of benchmark farm)? Maybe

- Recommend this tool/technology for use on other types of farm? Yes

★★☆ **It would take 8 years for 58% adoption in the UK.**

www.smartplatform.network