

Reducing antibiotic use at lambing time

The global burden of antimicrobial resistant infections is growing and poses a serious threat to human and animal health. There is potential for global targets to be put in place to reduce antibiotic use in livestock. Taking measures now to reduce antibiotic use will make it easier to manage if and when these targets are implemented.

Project outline

Promote the responsible use of antibiotics to maintain the effectiveness of drugs, control costs and empower the next generation of farmers to adopt alternatives to the use of antibiotics.

Seven farmers across Anglesey received silage analysis, rationing advice, metabolic profiling of pregnant ewes, colostrum absorption testing of lambs, bedding sampling and faecal sampling of lambs to try and increase farmer confidence in ration formulation and management practices.



Results

Members of the group have reduced the prophylactic use of antibiotics at lambing time as a result of the work carried out. Silage analysis and nutritional advice enabled the farmers to make informed choices regarding improving nutrition which resulted in improved colostrum quality and quantity.

Nutrition advice motivated the group to select better supplementary feeds and feed them at higher rates, as required. Farmers reported more even growth rates within triplet groups as a result, and a reduced incidence of joint ill and scours.

ADAS expertise

ADAS was the project facilitator offering help and advice to project participants by:

- preparing application forms
- procurement
- overseeing delivery to time and budget
- report writing
- providing technical advice through their experienced consultants



EIPWALES

Cydweithio er ffyniant gwledig
Collaborating for rural success



Lleihau'r defnydd o wrthfotigau ar ffermydd defaid dros gyfnod wyna

Mae'r baich o heintiau gydag ymwrthedd gwrthficrobaidd yn cynyddu ledled y byd ac yn fygythiad difrifol iechyd anifeiliaid a phobl. Mae yna bosibilrwydd y bydd targedau byd-eang yn cael eu gosod er mwyn lleihau'r defnydd o wrthfotigau mewn da byw sy'n cael eu trin. Bydd cymryd camau i leihau'r defnydd o wrthfotigau nawr, yn ei gwneud hi'n haws i'w reoli pan fydd y targedau yn cael eu rhoi ar waith.

Amlinelliad o'r prosiect

Hyrwyddo defnydd cyfrifol o wrthfotigau er mwyn cadw effeithiolrwydd cyffuriau, rheoli costau a rhoi pŵer i'r genhedlaeth nesaf o ffermwyr i fabwysiadu dewis gwahanol i wrthfotigau.

Derbyniodd saith ffarmwr ar draws Ynys Môn ddadansoddiadau silwair, cyngor dogni, proffilio metabolig o ddefaid cyfed, profion amsugno colostrwm o fewn wyn, a phroffion ysgarthol wyn er mwyn ceisio gwella maeth ac arferion rheoli.



Canlyniadau

Mae aelodau o'r grŵp wedi lleihau y defnydd o wrthfotigau proffylactig o ganlyniad i'r gwaith a wnaethpwyd. Galluogodd dadansoddiadau silwair a chyngor dogni i ffermwyr wneud penderfyniadau ynglyn â gwella maeth a arweiniodd at welliant yn ansawdd a swm y colostrwm.

Ysgogodd y cyngor dogni y grŵp i ddewis gwell ychwanegion bwyd a'u bwydo ar gyfraddau uwch, yn ôl y galw. Adroddwyd cyfraddau tyfiant mwy cyson o fewn tripled o ganlyniad gan y ffermwyr, a gostyngiad yn yr achosion o bibo a 'joint ill'.

Arbenigedd ADAS

ADAS oedd hwylusydd y prosiect yn darparu cymorth a chyngor i gyfranogwyr y prosiect drwy:

- baratoi ffurflenni
- caffael
- oruchwylio cyllideb a threfn amser
- ysgrifennu adroddiadau
- ddarparu cyngor technegol trwy eu ymgynghorwyr profiadol

