

SQP Farm Animal Project

Guidance for students

The Project

- Must be on a farm animal species;
 - Cattle
 - Pigs
 - Sheep
 - (Poultry / game birds discuss with tutor first)
- **NOT HORSES**

The Topic

- Endoparasites in a named species
- OR
- Ectoparasites in a named species
- OR
- Use of vaccines to control sheep diseases

WARNING

- Must include ALL UK relevant parasites / diseases
- Must include ONLY UK relevant diseases (or mention that they are not)

The Content

- Your brief describes 7 sections.
 - Each section is allocated marks
 - If you do not include material relevant to that section you cannot get the marks for it
-
- READ YOUR BRIEF

Section 1

- Report on diseases, parasites / infectious agents
 - Their effect on the animal or flock / herd performance
 - Include husbandry / environmental factors which influence the condition
-
- All UK relevant parasites/(conditions for which there is a POM-VPS vaccine) relevant to your chosen species

Section 2

- Discuss the medicines that COULD be used in a control programme for your topic
- Consider the impact of mode of action on treatment programme e.g. length of activity
- Applicable withdrawal periods
- Human health
- Method of administration - pros and cons
- Wormer resistance (if relevant)

Section 3

- Legal aspects of prescription and supply
- In relation to YOUR project – not just extracted text from the current Code of Practice

Section 4

The Farm Investigation

- Requires you to visit and collect data regarding;
 - Brief description of animals, farm type, size, land type.
 - Management of animals (particularly your chosen species). Really important to consider when meat animals are to be sold
 - Detailed description of prevention and control system used on that farm for your chosen topic
- You should consider;
 1. All ages of the chosen species
 2. A complete calendar year
 3. Management as well as medicines

Section 4 continued

- Farmer Product awareness
- Purchase, Storage, Use and Disposal
- Any special equipment and precautionary measures in the use of the products (gloves, apron, mask etc)

Section 5

The Farm Evaluation

- Critically evaluate what that farm does to control or prevent your topic problems
- Remember;
 - Human health
 - Animal health
 - Economics
- To be able to evaluate the current programme you must have collected enough details on it.

Section 6

- Produce a COSTED CONTROL PROGRAMME for this farm
- Your programme must be what you advise for THIS farm to cover all the animals of your chosen species for all the potential problems on that farm for an entire year / cycle. It must include products, timing and cost – either per animal or for the herd / flock. (Not just how much a pack of product will cost them.)

Section 7

- Conclusion highlighting the most important issues
- Assess strengths and weaknesses
- Recommendations for change / improvements

Presentation and Quality

- Follow layout defined by the brief
- Check spelling / grammar
- Clarity
- Pictures / diagrams
- (referencing)