

 **Project 8.4.2 The Power of Prevention****Purpose**

The prevention of diseases and parasites is a widely studied and practiced management tool. Prevention of diseases is often more economical than treating diseases. Treatment of diseases leads not only to expenses but also to production losses. Providing proper health care for animals is also a component of the humane treatment of animals.

Record keeping is essential for good management of animals. While large scale producers may prefer and need to keep their records organized in a computerized system, using an Animal Health pamphlet is useful when animal numbers are low. Pet owners often receive Health Record brochures or pamphlets from the veterinarian. Such record keeping devices are beneficial in monitoring the prevention of diseases and parasites in animals. Can you develop a record keeping system to monitor the health of the animal in your Producer's Management Guide?

Materials**Per student:**

- Computer with Internet access and publishing software
- *Modern Livestock and Poultry Production* or *Small Animal Care and Management* textbook
- Agriscience Library
- Pencil
- *Agriscience Notebook*

Procedure

Develop a preventative care pamphlet for the animal in your *Producer's Management Guide*. You will be exploring the diseases and parasites that commonly affect your animal and those that are prevalent in your area.

1. Using a computer with publishing software, compose your Animal Health Plan with the following components.
 - Title – Animal Health Plan for _(Name of your Animal)_
 - Brief introduction of the importance of disease and parasite prevention
 - Average vital signs of your animal
 - Common diseases, parasites and the vaccinations necessary for your animal in your area
 - Frequency and schedule of vaccinations and parasite control
 - Route of administering treatments
 - Charts for recording vaccinations and parasite controls
 - Rotation of medications if necessary
 - Environmental preventative measures
 - Citation of any sources you may have used to guide you in APA format
2. Use your notes and work from *Lessons 8.1 Popular Pathogens*, *Lesson 8.2 Diseased!*, *Lesson 8.3 Bugged!*, and this lesson as references to guide you in developing your plan.

3. Use *Project 8.4.2 Evaluation Rubric* as a reference while compiling your pamphlet.

Additional References:

American Veterinary Medicine Association. (2008). *American Veterinary Medicine Association*. Retrieved from <http://www.avma.org/>

Merck and Co., Inc. (2008). *The Merck veterinary manual*. Retrieved from: <http://www.merckmanuals.com/vet/>

Local producers and veterinarians

State Veterinary Association

Activity 8.3.1 The Circle of a Bug's Life diagrams which should be located on the classroom walls.

Using Microsoft Publisher®

1. Open Microsoft Publisher®.
2. Under Publication Types, select Programs.
3. Open a blank ½ Letter Booklet 5.5 x 8.5". If asked to automatically insert pages, select yes. This should open a four-page pamphlet.
4. Go to insert and select page, number of pages 4, after current page, OK. You should now have an eight-page layout for your pamphlet. When printed and double-sided, it will use two sheets of paper.

When you have completed the document, print and ask your teacher to assist you at a copy machine to create five double-sided pamphlets. Fold and staple your pamphlets for display. Place the original and one folded pamphlet in your *Producer's Management Guide*.

Conclusion

1. How can preventative care reduce costs for producers?
2. Why are sanitation and good management practices important in disease and parasite prevention?
3. Why is it necessary to develop a schedule of treatment for animals?