



# 4-H Rabbit Project

Record Sheet C  
Grade 12  
Jasper County

Name: \_\_\_\_\_ 4-H Club \_\_\_\_\_

## Digestive System

Answer the following either True or False

- \_\_\_\_\_ 1. Rabbits are monogastric herbivores. Their stomachs are copartmentalized, similar to cows.
- \_\_\_\_\_ 2. They also have an enlarged cecum and colon.
- \_\_\_\_\_ 3. The bacteria in the pancreas plays a significant role in the digestive process.
- \_\_\_\_\_ 4. Bacteria in the gut of the rabbit cannot synthesize essential amino acids.
- \_\_\_\_\_ 5. Fiber is not an efficient energy source for rabbits.
- \_\_\_\_\_ 6. Dietary fiber will not reduce or prevent fur chewing.

## Genetics & Breeding Programs

Fill in the blanks with the correct term.

1. \_\_\_\_\_ Is the mating of unrelated rabbits from different lines within the same breed. Outcrossing is the most common breeding program.
2. \_\_\_\_\_ Matched pairs of chromosomes.
3. \_\_\_\_\_ The study of heredity.
4. \_\_\_\_\_ Is the mating of rabbits that are descendants of the same rabbit, but are related several generations back.
5. \_\_\_\_\_ Passing the traits or characteristics from one generation to the next.
6. \_\_\_\_\_ Minute rod-like structures with the nucleus of a cell.
7. \_\_\_\_\_ Is the mating of rabbits that are closely related.
8. \_\_\_\_\_ Paired genes that occupy corresponding positions on homologous chromosomes.
9. \_\_\_\_\_ Sex cells

THE ANSWERS TO THESE QUESTIONS CAN BE FOUND IN RABBIT RESOURCE HANDBOOK – OHIO STATE 4-H 228R

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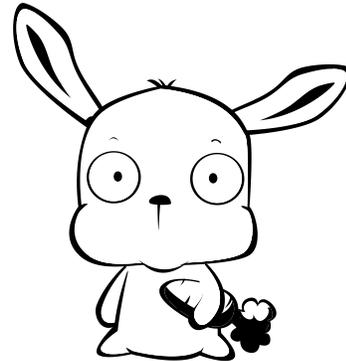
10. \_\_\_\_\_ Is the breeding of rabbits of different breeds.
11. \_\_\_\_\_ Genes that suppress other genes with the same characteristics.
12. \_\_\_\_\_ Genes that are hidden when a dominant gene is present.
13. \_\_\_\_\_ A rabbit has dissimilar alleles for the same trait.
14. \_\_\_\_\_ Is the genetic makeup of the rabbit.
15. \_\_\_\_\_ The rabbit possesses identical alleles for the same trait.

## By Products & Alternative Markets

Fill in the blanks.

1. What parts of the rabbit are used for **Pharmaceuticals**:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_



2. What is the **Fur** used for:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

3. \_\_\_\_\_ are newborn rabbits that have no fur and were born dead. Used as reptile food.

4. Wool is used for making \_\_\_\_\_ & \_\_\_\_\_ fashions.

5. Manure is best mixed with other compost and used as \_\_\_\_\_.

6. \_\_\_\_\_ is the raising of earthworms.

7. Another reptile food is \_\_\_\_\_ which are older rabbits with fur that have died.

8. Sold as live food or pre-killed to the reptile market are called \_\_\_\_\_ rabbits.

9. Zoos always \_\_\_\_\_ rabbits because most of the animals have been born in captivity.

10. These facilities use either alive or dead rabbits and rely heavily on donations to stay open.  
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