

Name: _____



Purpose

When using animals in agriculture, issues sometimes arise. Key issues in animal agriculture include animal research, antibiotics and growth hormones, genetic modifications, confinement operations, manure and odor, meat consumption, and slaughter practices. All of these issues have positive effects or producers would not use them. What are negative views on key issues?

Often when an issue involves emotions, misconceptions are common. A misconception is an opinion or a view on an issue that is incorrect due to a misunderstanding. For instance, many consumers believe brown eggs are more nutritious than white eggs. A producer changes the nutritive value of an egg by feeding the hen differently. The breed of chicken does not affect the nutrition of the egg. Due to misconceptions in agriculture, producers need to provide correct information to the public in order for people to make educated decisions on animal issues. What could you do to help decrease misconceptions in animal agriculture?

Materials

Per pair of students:

- Computer with Internet access and printing capabilities
- Piece of tape

Per student:

- Pencil
- *Agriscience Notebook*

Procedure

You will work with a partner to develop an informative flyer about a key issue in animal agriculture. Once all flyers are completed, your teacher will lead you in a gallery walk and you will use the information in the flyers to complete *Project 3.1.3 Student Worksheet*.

1. Your teacher will assign you and your partner a key issue in animal agriculture.
2. Use the Internet and research your assigned issue. Answer the following questions with your research.
 - What are two positive and negative effects of your issue on animal agriculture?
 - What common misconceptions are there about the use of this practice?
 - Have you found any reports of abuse or cruelty related to this issue?
 - What might happen if this practice is stopped?
3. Using the computer, develop a one page flyer containing the information you and your partner found in your research. Include graphics to grab attention of others. Use *Project 3.1.3 Evaluation Rubric* as a reference.
4. Print your flyer and using the piece of tape, display the flyer in an area designated by your teacher.

5. Use the flyers to complete Table 1 of *Project 3.1.3 Student Worksheet*.

Conclusion

1. Do the benefits of the issue you researched outweigh the concerns? Explain.. I think so a little bit but not alot. Some the negatives are worst then the good can every me
2. How might misconceptions affect practices in the animal industry? They can effect people to think a certain way or think something and cause problems



Table 1. Animal Issues

Animal Issue	Positive Effect	Negative Effect	Misconception
Animal Research	its used to develop new ideas for medical treatment its important because its so close to how animals are	the research of some animals leave a cruel living conditions of the animals many people question if animal research is morally correct	many people think that its useless and is not good use of resources
Antibiotics and Growth Hormones	increases milk production it helps prevent diseases	it has human risks it can disrupt human hormones balances	antibiotics are fed to animals to promote growth all animals are given growth hormones antibioticst growth hormones posion the animals organic means you will get no hormones or antibiotics
Genetic Modifications	gives food a better taste faster crop output	the potential health risks including alegics, antibiotics ,	gmso often contains and produce things that can harm humans they are new and not much is known
Confinement Operations	increases roles in the market kept in buildings away from predators	generates millions of tans of maure every year the manure can be a substantil risk to the enviroment on public health	must be labeled with a sign can cost a employee their life
Manure and Odor	manure is used for fertilizer reduced soil erosionant runoff increase soil carson	smell flyondinsectatraction animal foot injuries slick when walking gets stuckon animals	manure pits always smell bad any manure will effect water quality
Meat Consumption and Animal By-Products	meat productions will feed millions of people all over the word its a renewable source of food	it wont always keep the animals in good condtions produces larges amount of waste	animals arent treated rights, animals alive when slaughtered , people kill animals for fun

Slaughter Practices	meat production	they treat the animals poorly some animals are hung outside down	deferral law ensures that slaughter houses in the US are heavily regulated and strictly monitored
Fish Farming and Fishing	more job opputuines people will eat healthy meets the growing demands helps replecions marine animals	effects the ecosystem over popluation other species	keep every fish they get litter the water are anit social are depleting the fish popluation
Hunting and Trapping	Helps control animal population provides food provides recreation can help business turns a profit	inhumane suffering danger associated with hunting trophy hunting effects the biosphere	cruel to animals spend taxpayer dollars dangerous and trigger happy harm wildlife poplulations selfish
Spaying and Neutering	focus on their attention on homanes neutered dogs protects their homes	they still roam in search of mates increase risk of injury , they urinate and it smells bad	its better to have one litter then spay/ neuter female the animal will not be protective is untured the animals will get fat and lazy and is untrue