



## Drug usage in Food Industry and their Major Benefits

Akihir Umezaw\*

Department of Pharmaceutical Science, China Pharmaceutical University, Nanjing, China

### DESCRIPTION

The use of drugs in the food industry is a common practice that has been employed for many years. These drugs are used to enhance the growth and production of animals, increase the yield of crops, and improve the quality of food products. The use of drugs in the food industry has been a controversial topic, with many people questioning the safety and ethical implications of this practice. However, it is important to note that the use of drugs in the food industry has many benefits that cannot be ignored. We will explore the major benefits of drug usage in the food industry.

One of the major benefits of drug usage in the food industry is increased production. The use of drugs such as antibiotics and hormones in animals has been shown to increase their growth rate and improve their overall health. This, in turn, leads to increased production of animal products such as meat, milk, and eggs. The use of growth-promoting drugs in crops has also been shown to increase their yield, leading to higher productivity and more food for consumption.

Another benefit of drug usage in the food industry is improved quality. Antibiotics are often used to prevent and treat bacterial infections in animals, which can improve the overall health of the animals and lead to higher quality meat products. Similarly, the use of hormones in animals can lead to leaner meat with better texture and flavor. In crops, the use of pesticides can help prevent the growth of pests and diseases, leading to better quality crops. The use of drugs in the food industry can also lead to cost savings for farmers and food producers. By increasing production and improving quality, farmers can sell more products at a higher price, leading to increased revenue. The use

of drugs can also reduce the need for labor-intensive tasks such as weeding and pest control, leading to cost savings for farmers.

### The major benefits of using drugs in the food industry include

**Preventing and treating diseases:** Antibiotics are commonly used in animal agriculture to prevent and treat diseases that can spread quickly in crowded and unsanitary conditions. This helps to maintain animal health and reduce the risk of foodborne illnesses.

**Improving animal growth and production:** Growth promoters are often used to enhance the growth and production of animals, such as increasing their weight or milk production. This helps farmers to produce more food more efficiently, which can help to reduce food costs.

**Ensuring food safety:** Vaccines are commonly used to protect animals from diseases that can be transmitted to humans through contaminated food. This helps to ensure that the food we eat is safe and free from harmful pathogens.

**Increasing shelf life:** Preservatives are often used in processed foods to increase their shelf life and prevent spoilage. This helps to reduce food waste and ensure that food is available for longer periods of time. However, the use of drugs in the food industry is not without its controversies. Some concerns include the potential for the development of antibiotic-resistant bacteria, which can have serious implications for human health, and the welfare of animals that may be kept in less than optimal conditions. As such, it is important to use drugs in a responsible and regulated manner to ensure the safety and well-being of both animals and consumers.

**Correspondence to:** Akihir Umezaw, Department of Pharmaceutical Science, China Pharmaceutical University, Nanjing, China, E-mail: akihir@u.cn

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