

Global Significance of Animal Agriculture

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Abstract—Agriculture is the world's largest industry. It employs more than one billion people and generates over \$1.3 trillion dollars' worth of food annually. Animal agriculture has connections to the world economy, human societies and biodiversity make it one of the most important frontiers for conservation around the globe. Globally Animals in the agriculture contributes largely to meet the food requirement. Animal feed is purchased internationally, lowest cost being the highest priority, no matter the ecological impacts. Increasing global demand for animal as a food to sustain the growing population takes the more importance. In developed countries, demand for livestock products is stagnating, while many production systems are increasing their efficiency and environmental sustainability. Currently, livestock is one of the fastest growing agricultural subsectors in developing countries. Its share of agricultural GDP is already 33 per cent and is quickly increasing. This growth is driven by the rapidly increasing demand for livestock products, this demand being driven by population growth, urbanization and increasing incomes in developing countries. Animals are converter of crop residues, forages and food and fiber processing by-products to high quality human food; make important contributions to agricultural economies throughout the world; and contribute to food security in developing countries. Globe has to face some challenges due to Animal agriculture is responsible for 18 percent of greenhouse gas emissions, more than the combined exhaust from all transportation. Animal Agriculture is responsible for 20%-33% of all fresh water consumption in the world today. Apart from this animal agriculture will continue to be an important part of food-producing systems. It was concluded that, investment in agricultural production research and development and implementation of policies that encourage production, while protecting the environment, will be essential to achieving the goal of an adequate global food supply.