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Conservation and Utilization of Stray cattle for Organic Agriculture

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ABSTRACT

The present review discusses about imperative of unproductive cow. The cow does not feed to human and provide economic benefits to dairy farmers are called unproductive cow. The unproductive cow is leave alone on the road by rural, urban dairy farmer and landlords. The centre should establish sub centre of animal husbandry for unproductive cow into district of each state. This unproductive cow is applied into compost production, vermicompost production, biogas production, cow dung cake preparation, electricity generation, biopesticide formulation, biofertilizers and drugs preparation. This initiation would promote organic agriculture, doubling of farmer income, improve standard of living and mitigates homeless cattle. The foreign country is maintained animal depository through electronic livestock inspection system. The animal depository provides information of cattle and owner. The owner should inform livestock inspector after leaving unproductive cattle. This provision is amend in USA, Finland, Netherland and Switzerland. The Conservation and Utilization of Strays cattle promotes rural, urban and education development, forbids violence & miscreant and forms harmony & peace in the society.

1. Introduction

The domestic cow provides milch to the people and beneficial to society or agricultural purposes. The unproductive cow does not provide benefit to society. It is obsolete to dairy farmers and agricultural work. The unproductive cow is young, old male and female. The dairy farmers are left unproductive cow on the road (fig. 1). It caters contaminated food waste, plastics and drink sewage water. India ranks first position into livestock production in the world. The livestock produces contribute 12.5% in agriculture Gross Domestic Product (GDP). The unproductive cow does not provide economic benefit to dairy farmers and advantageous to human health. The unproductive cow leaves on the road and slaughters to prepare hairs, coat, jacket, jeans, drugs and cosmetics. The Unproductive cow has several economic advantages even does not provide milch. The unproductive cow is applied into bulky organic manure production like rural or urban

compost, vermicompost, biogas production, cow dung cake preparation, formulation of biopesticide, electricity generation, disinfectant preparation, drugs and cosmetics. These applications are generate revenue and employment from unproductive cow in large or small scale. The state government and the central government must implement Centre of Animal Husbandry for unproductive cow in state and Sub Centre of Animal Husbandry for unproductive cow at district (fig. 2). The policies of Centre are to presence of Board of Directors, management, central vigilance committee, appraisal committee, scientists, researchers, field officers, technical and non-technical staffs. It discovers and invents scheme to sub centre. It provides employment to Centre and sub Centre. It releases funds for infrastructure development, production and maintenance. The guidelines of sub Centre will be establish at each district of the state, available cattle herd, organic manure production unit, biogas production plant, cow dung cake preparation unit, biopesticide formulation laboratory, provides employment

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rural, urban, literate and illiterate people. The dairy farmers and the landlords will be registered unproductive cattle at sub centre. This initiation would promote organic farming instead of sustainable agriculture at district of the state. This will reduce sources of soil pollution and ecological damages. It will improve and progress agriculture ecosystem. The biogas plant will supply gas production and refilling. The refilled material will supply into the block. The byproduct of biogas plant will distribute to supply chain with subsidy cost for public distribution. The sub centre of the district will provide employment to men and women. It will bring gender uniformity in the society and transforms scenario of the block. It will strengthen and progress district agriculture system, growth rate of state and National GDP.

The implementation will mitigate unproductive cow on the road and slaughter of cattle. It establishes organic agriculture in all the states. This policy would improve fate of farmer towards central government. It will establish good relation between farmers and central government. The state government and the central government would organize organic programmes to awareness of block farmers. This will establish block revolution in the state. The National and the international institution or enterprises initiated action on cattle protection. They amend law and protection for unproductive cow. This law has passed in Switzerland (Swiss info, 2017). The international society for cow protection protects and care innocent cow (ISCOWP, 1990). The international society for Krishna consciousness initiated the Hare Krishna movement for cow protection. The society provides security to cow, bull and calf from slaughter. The private enterprise kisan dairy attentions and protects 90 milch cows or 220 cattles at Tarawadi in Haryana (Kisan dairy farm). The Canada penal code has been prepared standard guidelines for care and handling of unproductive cow. It is obligatory to caters, provide water; provide treatment to cattle and daily inspection of unproductive cow (Cattle guideline, 2013). The council of Europe convention, Sweden signed to control population of homeless animals. The people cannot harm by pain, suffering and stress. The regional and local authorities are take care of unproductive animals for certain period. This guideline is compliance in

Finland, Netherland and Switzerland. Germany, Canada and United States are the country to provide shelter to unproductive animals (Northern Territory Government, 2009). The Washington state department of agriculture implemented animal depository information. This depository provides information of animals and proprietor. The state livestock inspector evaluates animal data through electronic livestock inspection system (World properties Inc., 2018).

The unproductive cow offers economy benefits to human. The guidelines of centre will provide asylum to unproductive cow. This asylum would be implemented into district of the state. This establishment will transform agriculture system, block, district and standard of living and brings fate in government. The international institution protect unproductive cow with penal code and livestock electronic inspection system. This initiative will prohibit the population of homeless cow. . The Conservation and Utilization of Strays cattle promotes rural, urban and education development, forbids violence & miscreant and forms harmony & peace in the society.

2. References

- Swissinfo.ch and the Wire, 2017, https://www.swissinfo.ch/eng/beef-grief_love-your-cow-and-eat-it-too/43199770.
- The International Society for Cow Protection (ISCOWP), 1990, Protecting & Caring for Cows.
- Kisan dairy farm: A best practice example, Kisan Dairy Farm – a case study of high welfare milk production in India.
- Cattle Standards and Guidelines – Beef Feedlots, 2013, Discussion Paper. Cattle Standards and Guidelines Writing Group, 1-20.
- Northern Territory Government, 2009, Department of Regional Development, Primary Industry, Fisheries and Resources. 1-239.
- World Perspectives, Inc, 2018, Comprehensive Feasibility Study: U.S. Beef Cattle Identification and Traceability Systems, Evaluation of Opportunities, Obstacles and Incentives across the U.S. Beef Industry Value Chain. 1-87.

Fig 1: Homeless cattles were abandoned in the city of India



Fig. 2: Conservation and Utilization of Stray cattle

