

VEDIC SOCIOLOGY

PART IV - VARTA

THE SCIENCE OF ECONOMICS

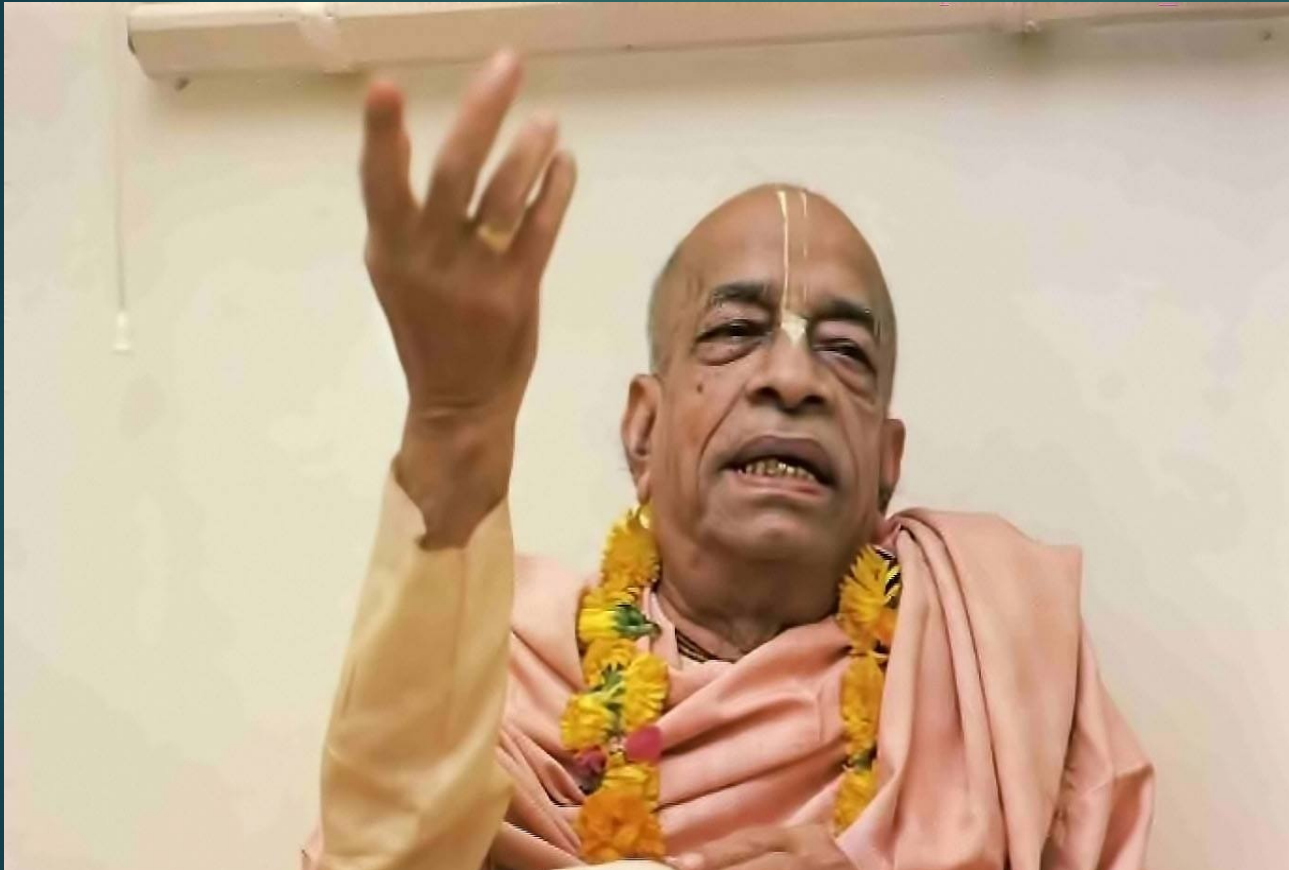
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UKRAINE – September 2018

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Simple Living * High Thinking

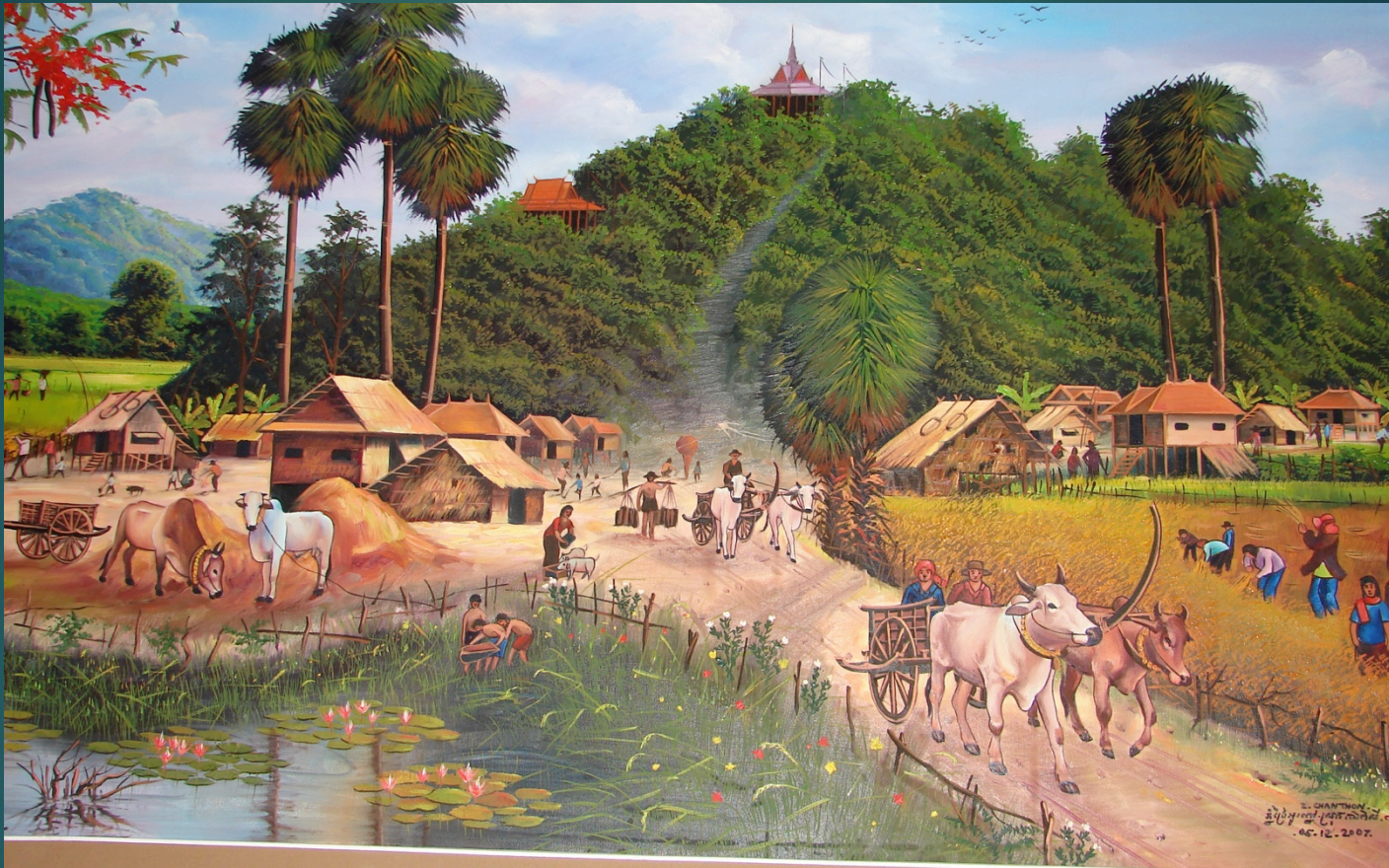


Our project is Krishna consciousness...

You produce your own food, you produce your own cloth, don't be very much anxious for artificial necessities, and save time, and be advanced in spiritual life.

August 17, 1976
Pess Interview
Hyderabad

AGRARIAN CULTURE



CAMBODIA ECO VILLAGE

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Vedic Economics Defined

❖ kṛṣi-go-rakṣya-vāṇijyam vaiśya-karma svabhāva-jam

❖ Farming, cow protection and business are the natural work for the vaiśyas [Bg 18.44]

❖ **Krishi** Agriculture (Farming)

❖ **Go Rakshya** Cow Protection

❖ **Vanijyam** Trade

INVOCATION

- namo brahmaṇya-devāya go-brāhmaṇa-hitāya ca
jagat-hitāya kṛṣṇāya govindāya namo namaḥ
- "My Lord, You are the well-wisher of the cows and the
brahmanas, and You are the well-wisher of the entire
human society and world."
 - (Vishnu Purana 1.19.65)

FIRST IS COW!

*tratavyah prathamam gavah/tratah trayanti ta dvijan
gobrahmana paritrane/paritratam jagat bhavet*

First of all cows should be protected.

Cows thus protected, will in turn protect the brahmanas.

Thus when protection of cows and brahmanas is achieved,
then the whole world is protected.

[Mahabharata, Harivamsa Parva, 55.31]

Holistic Understanding of Cow Protection

- ◆ Protecting Cows ...
- ◆ The Only Means to Ensure Our Protection

Quotes by Srila Prabhupada

- “...according to **Vedic economics**, one is considered to be a rich man by the strength of his store of **grains and cows**. With only these two things, cows and grain, humanity can solve its eating problem. **Human society needs only sufficient grain and sufficient cows to solve its economic problems.** All other things but these two are **artificial necessities created by man to kill his valuable life** at the human level and waste his time in things which are not needed.” [SB 3.2.29]

Quotes by Srila Prabhupada

- “If we have sufficient grains, fruits, vegetables, and herbs, then what is the necessity of running a slaughterhouse and killing poor animals? A man need not kill an animal if he has sufficient grains and vegetables to eat. The flow of river waters fertilizes the field, and there is more than what we need. Minerals are produced in the hills, and jewels in the ocean. If human civilization has sufficient grains, minerals, jewels, water, milk, etc., then **why should it hanker after terrible industrial enterprises** at the cost of the labor of some unfortunate men?” (SB 1.8.40)

Quotes by Srila Prabhupada

- ♦ “Advancement of human civilization **depends not on industrial enterprises but on possession of natural wealth and natural food**, which is all supplied by the Supreme Personality of Godhead so that we may save time for self-realization and success in the human form of body.” (SB 4.9.62)

Quotes by Srila Prabhupada

- ♦ “Cow protection means just like Bhagavan, the Supreme Personality of Godhead, He is tending the cows. He is going, taking the cows personally from His royal palace going to the forest whole day, working there. Is it not, cowherds boy? And taken some little fruit, mother, whatever mother has given. They are playing that. **So this is cow protection.**”

Lecture-Srimad-Bhāgavatam 2.9.3, Melbourne, 5/4/72

Quotes by Srila Prabhupada

- “... not that "Somebody will give money and we shall keep some third class cows and feed there and become **cow protector**." We must tend the cows very nicely so that they give us **sufficient milk**. And with that milk we shall live.”
- AUDIO – SB 2.9.2-3, Tokyo, May 1, 1972

Quotes by Srila Prabhupada

- 💧 "No, because we are giving protection to cow, you send money for the cows and the cow protectors, and earn money there and give us money. We shall eat nicely and sleep." As soon as this practice is going on, then next will be: "Give me some LSD, give me something else." This will go on. **We don't want that.**"
- 💧 AUDIO – SB 2.9.2-3, Tokyo, May 1, 1972

The Purpose of ISKCON

- “ This Krishna conscious movement
is for the protection of...

Brahminical Culture & Cows...

Lecture Los Angeles Dec 4,68

The First Thing for Those who Wish to Cultivate Spiritual Life

- “Those who are anxious to cultivate the human spirit must turn their attention **first** toward the question of cow protection.”

Holistic Approach Benefits

- ▣ Environmentally
- ▣ Socially
- ▣ Spiritually
- ▣ Economically

One of Seven Mothers

- ▣ Mother at birth
- ▣ The nurse
- ▣ The wife of the father (if she is not the birth mother)
- ▣ The wife of the king
- ▣ The wife of the spiritual master
- ▣ The earth
- ▣ The cow

Benefits of Cow Protection

SPIRITUAL

- * Reminds us of Krishna
- * Built in connection

MATERIAL

- * Nutritional
- * Environmental

Nutritional Benefits

DIRECT

- ▣ Nourishes us with milk –The complete food
- ▣ It ensures the growth of 20-30 kg calf to 200kg in 6 months

INDIRECT

Nourishes the soil with dung and urine



Nourishes us with vegetables, fruits and nuts

Environmental Benefits

ANIMAL IMPACT

- ▣ Water infiltration-Breaks hard soil surfaces to allow water in.
- ▣ Ensures seed to soil contact-Buries the seed and compacts soil.
- ▣ Facilitates biological decay-lays dead plant material on soil as cover and mulch.

GRAZING

- ▣ Cow's gut acts like a living compost pile turning vegetation into high quality fertilizer.
- ▣ Pruning of the plants, providing rest period resulting in regrowth.

3 Months Rested Grass Land



6 Months Rested Grass Land



We Heal the Land by Grazing?

- ▣ **More roots in the soil**
- ▣ 1. Longer rest periods mean more roots.
- ▣ 2. Feeds the micro-organisms.
- ▣ 3. Withstands droughts better.
- ▣ 4. Pulls minerals from deeper in the soil.



Root Diversity



Working Against Nature

1. The animals are feeding



without their natural movement

Working Against Nature

- ▣ They are eating forages isolated from soil.
- ▣ They are not exposed to natural sunlight.
- ▣ They don't have continuous access to fodder or water.
- ▣ When the cows “recycle” the grasses, the dung has nowhere to go where soil life forms will process it to perform their many beneficial functions.
- ▣ The dung goes to storage tanks, an unnatural system.

Manure Pits

- ▣ It is not natural-nature does not collect the excrement of her fauna in this way.

Three deleterious processes are induced

1. The rich exudation which leaves the heap, is like an opened artery: all goodness drains away.
2. Considerable loss of Nitrogen due to establishment of anaerobic flora.
3. Putrefaction as a result of lack of oxygen-release of noxious gases.

Manure Pit



Adverse Effect of Dung Pits on Trees



Working with Nature

The animals are feeding with their normal movement on the land.



Working with Nature

They are recycling grass into dung



which goes directly to the soil where it will be processed by soil life forms to perform their many beneficial functions.

**All the Dung and Urine Fall on the
Ground when Cows are Grazing**



It is rapidly attacked by dung beetles,
earth worms & other soilbiota



Taking it into Various Depths in the Soil



Building Soil



What is “Animal Impact”??

- ▣ Animal impact is everything that livestock do to the land. This includes dunging, urinating, hoof action, rubbing, salivating, etc.
- ▣ Animal impact is **the most powerful tool we have to manage grassland resources. It effects utilization, reduces spot grazing, controls weed and brush competition, improves manure distribution, and produces seed/soil contact.**

High Density Short Time



Stocking Density

No of cows	Weight(Kg)	Land area in acres	Stocking density/acre
40	16000	10	1600
40	16000	1	16000
40	16000	0.25	64000

Planning of Grazing

Area in cents	Cows	days	Hrs	Description
200	1	360	8	1 cow in 2 acres for 360 days grazing 8 hrs/day
50	1	90	8	1 Cow in 50 cents for 90 days grazing 8 hrs /day-The whole area is divided into 4 to give 9 months rest to each plot
16.67	1	30	8	1 Cow in 16 cents for 30 days grazing 8 hrs /day-The 3 month area is divided into 3 to get monthly grazing plot
0.56	1	1	8	1 cow in 0.55 cents for 1 day grazing 8 hrs /day-The monthly area is further divided to daily grazing plots
0.14	1		2	1 cow 0.14 cents for 2 hrs grazing to totally graze 8 hrs a day by further dividing 8hrs into 4 parts

Working for us



The Natural Dung Removers



Dung Pads



A Patch where Cows Just Rested



Full Tapping of Urine and Dung



The Tunnel Systems

Improves the physical structure of the soil

- ▣ Increasing aeration
- ▣ Reducing compaction
- ▣ Bringing sub-soils to the soil surface (Bio-turbation)
- ▣ Incorporating organic matter into the soil

“Flow-on” Effect of the Improved Soil Structure

- ▣ Increased water infiltration and reduced soil erosion
- ▣ Increased biological activity (micro-organisms and earth worms)
- ▣ Stronger root growth leading to higher yields
- ▣ Improved water holding capacity
- ▣ Improved soil fertility b/c of bioturbation
- ▣ Reduced surface ponding

Bringing sub soil to the soil surface-Bio-turbation



Wonders of Nature



Moisture Retention and Growth of Seasonal Grass



Clearing of Bushes



Nature's Living Tilling cum Fertilizing Machine



Effect of the Natural Tilling & Natural Fertilizing Machine



4.1.0.51 Atharva Veda 12-4-51

- ▣ ये वशाया अदानाय वदन्तः पिरशिपणिः । इन्द्रस्य मन्यवे जाल्मा आ वृश्चन्ते अचत्तिया ॥ अथर्व 12-4-51
- ▣ वे लोग जो गोसेवा में समय नहीं देते, जैवकि कृषि, पञ्चगव्य इत्यादि का लाभ नहीं लेते, वे रुद्र के कोप से ग्रसति होते हैं।
- ▣ Those ill advised who do not devote their time and labor for utilizing the **family cows** , and cultivate **organic crops** they suffer through pests insects, diseases thrown by Rudra.

Impact of Losing Cows and Grass Lands Leads to Environmental Dysfunction



DESERTIFICATION

Symptoms of Environmental Dysfunction

- ▣ Eroding soil
- ▣ Dying wells, springs rivers & lakes
- ▣ Droughts and floods
- ▣ Diseases of plants, animals and human beings
- ▣ Invasions of Noxious plants and insects
- ▣ Poverty-Social break down-Abuse of women & children

Symptoms of Environmental Dysfunction

- ▣ Drift to cities and slums
- ▣ Petty crime-Violence-Blaming minorities-Victimisation-Genocide
- ▣ Failing crops & economies-Local-National-Global
- ▣ Wars, break down of governments-Failure of civilisations

Cowherd Boys and their Herds

- ▣ Eliminate the symptoms of environmental dysfunction

Ensure your protection and the generations to come

Protect Oneself by Protecting Cows

- ▣ *“Humanity’s future hangs on a slender thread-Learning how to manage cows to address biodiversity loss/Desertification/Climate change “*

As a Career

If you are seeking a career that can assure you the real food (Fruits, nuts, milk), real water, real knowledge and real environment then the only career available to human being is...

“Cow Care and Land Management”

Offering The Real Thing to Lord Krishna

Only by protecting cows can we offer the “real flower, real leaf, real fruit and real water Krishna is speaking about in Bhagavad-gita 9.26

“If one offers me with love and devotion a leaf, a flower, a fruit or water, I will accept it.”

Srimad-Bhagavatam 1.10.4

sarva-kāma-dughā mahī

“The earth produces
all the necessities of man”

*Let us Bring the Cows
Back to the Land*

Selection of Cows

- ▣ All breeds thrive in local conditions and invariably deteriorate in alien environments.
- ▣ Mother nature has designed breeds according to the area. Protect the cow of your region. They will adapt better and the diseases will be less.
- ▣ Do not have any obsession for any breed of cow or any of its produce

1.1.3.1 RigVeda 10.27.20

एती मे गावौ प्रमरस्य युक्तौ मो षु प्र
सेधीर्मुहुरन्मिमन्धा।

आपश्चदिस्य वनिशन्त्यर्थं सूरश्च मर्क उपरो बभूवान्
॥ ऋ 10.27.20

Farmlands with cows retain water and maintain healthy soil organisms, with twin bounties Urine and Dung of cows, which eliminate harmful microorganism and keep soil fertile like sun and rains make the land free from harmful pests make it fertile.

The Model Cow Herd Boy



The Real Cow Products in Holistic Cow Protection

Those which prevents
as against
Those sold to cure Diseases

The Real Cow Products



Millets



Grains



Water



Wheat



Flowers



SrImad-Bhagavatam 1.10.4

- ▣ Do they not require therefore a proper protection for a joyful life? By being fed with a sufficient quantity of grass in the field why should man kill cows for their selfless purpose?”

This was my Dream

- ▣ “So this was my dream. That a place should be there where we can get all nice foods, best of foods. milk. Krishna is fulfilling our desire”.

Conversation, Toronto, 21 June 76

Cow Protection

“The protection of cows is not merely a religious sentiment but a means to secure the highest benefit for human society.”

Light of the Bhagavata 27 Purport

Lecture, New York, 7 Apr. '73

Cow Protection

“the most important business
of the human society”

Lecture, Los Angeles, 4 Dec. '68

Lecture, New York, 28 Mar. '66

Lecture, Los Angeles, 5 May '73

Lecture, London, 4 Aug. '71

Lecture, London, 23 July '73

Lecture, London, 25 Nov. '73

Lecture, Hawaii, 15 Jan. '74

they must be given all protection..

OM SRI SURABHYAI NAMAH



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