



Holistic understanding of Cow protection

PROTECTING COWS IS

THE ONLY MEANS TO ENSURE OUR PROTECTION

Holistic Approach Eliminates

- ▶ Environmental
- ▶ Social
- ▶ Spiritual
- ▶ Economical consequences

It is the Purpose of ISKCON

- ▶ “This Krishna conscious movement

is for the protection of

**Brahminical Culture &
Cows...**

Lecture Los

Angeles Dec 4,68

It is 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.”

Srila Prabhupada on Cow Protection

- ▶ “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,
April 5, 1972

Srila Prabhupada on Cow Protection

- ▶ “... 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.”

Srila Prabhupad on Cow Protection

- ▶ "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."

Our Seven Mothers

- ▶ the birth mother
- ▶ 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
- ▶ and 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...

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.



Working Against Nature

1. The animals are feeding without their normal movement



Working Against Nature

- ▶ They are eating forages isolated from soil.
- ▶ 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.

Manure Pits

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

3 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
The
With Nature
animals
are
feeding
with their
normal
movement
on the
land.



Working with Nature



They are recycling grass into dung which goes

All the Dung and
Urine Falls on the
Ground

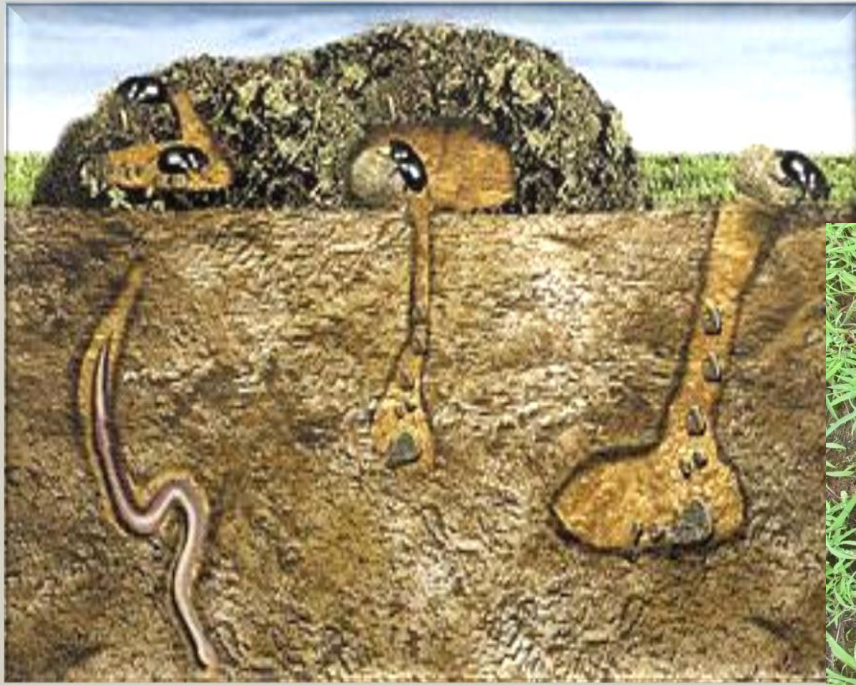


When Cows are Grazing

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 Real 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 subsoils 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



The Soil Food Web



Moisture retention and growth of seasonal grass



Clearing of bushes



Living Tilling cum Fertilizing Machine



Effect of the Tilling and fertilizing machine



4.1.0.51 Atharva Veda 12-4-51

- ▶ ये वशाया अदानाय वदन्ति परिरापिणः । इन्द्रस्य मन्यवे जाल्मा आ वृश्चन्ते अचित्या ॥ अथर्व 12-4-51
- ▶ वे लोग जो गोसेवा में समय नहीं देते, जैविक कृषि, पञ्चगव्य इत्यादि का लाभ नहीं लेते, वे रुद्र के कोप से ग्रसित 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



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
- ▶ 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

Cow herd boys and their herds

- ▶ Eliminates the symptoms of environmental dysfunction



Ensures 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 krishna

Only by protecting cows can
we offer the “Real flower,
real leaf,real fruit and real
water “Krishna is speaking
about in Bhagavat Geetha
9.26

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

Srimad bhagavatham

1.10.4

“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.
- ▶ please do not have any obsession for any breed of cow or any of its produce

1.1.3.1 Rig Veda 10.27.20

एतो मे जावो प्रमरस्य युक्तो मीषु प्र सैर्धातुहुनि ममिधि।
आपश्चिदस्य वि नशन्त्यर्थं 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



Grains



Flowers



Sreemad bhagavatham

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”

21,June 76

Conversation,Toronto

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..

Ohm Surabhyae namah

Thank you

