

## SHELTER FOR COWS

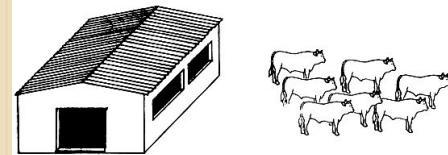
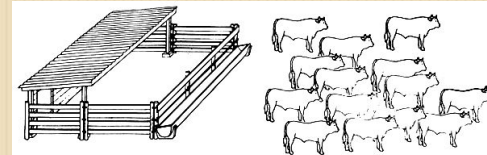
Rig Veda 10.67.5 & Atharva veda  
20.91.5

- By providing well fumigated, clean sunlit ventilated stalls, green pastures, rainwater like potable water for drinking ,the intelligent Cow owners have taken the cows out from darkness to light

## Requirements

- Ventilation
- Free access to water
- Free access to fodder
- Hoof friendly dry and clean flooring
- Protection from stray dogs and wild animals.
- Sufficient space for mobility
- Protection from cold winds and rain
- Facilitate complete tapping of urine and dung in the most effective manner

## Open and closed sheds



## Housing



## Open housing model



## Closed housing model



## Housing in open

In the grazing land itself



2. Movable enclosures in crop land



## Free access to

Water



Fodder



Movable feeders with adequate feeding space



Dryness and warmth of floor



## Shade trees



## Dryness and warmth of floor



## Impact of lack of exercise



## Covered concrete and open paddock



## Wastage of water



## Impact of slippery floors



## Cleaning the goshala is expensive



## Dung may be precious to us but is stool to the cow



## Cow-shed free from dung & urine ) (Krishi-Parasara)

- ~ The animals of a cultivator, whose cow-shed is strongly built and is clean and free from dung, thrive even without very nourishing food. (S1.17)
- ~ What can nourishing feed do to (strengthen) the animals when every day they come out of the shed with their bodies be smeared all over with dung and urine ? ( S1. 18 )

## Complete tapping of dung and urine

- Well ventilated sheds
- Earthen floors with bedding
- Soiled bedding and dung removed periodically
- Earthen floor swept clean
- Wet places covered with new earth, after scraping out the very wet patches
- During non rainy season cows should be housed in kraals

## Housed in grazing land



## Dung and urine in kraals

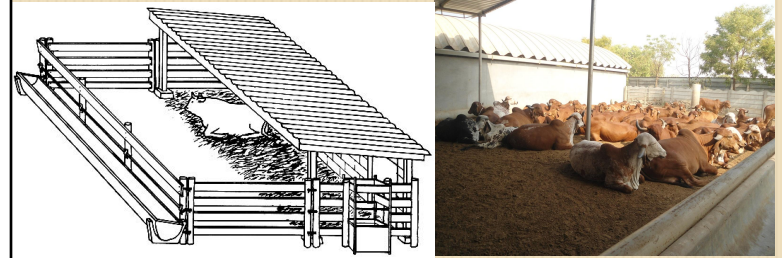


No removal of dung and urine

## Feeding trough position changed



## Mud floors



## Movable structures in permanent sheds

mud floor with straw bedding



## Paddy husk, Sand, Wood shavings as Bedding



## Why urine also should be tapped

- Key substance in the manufacture of humus from vegetable waste
- It contains in a soluble and balanced form all nitrogen and minerals needed for the work of fungi and bacteria which break down the various forms of cellulose-First step in the synthesis of humus
- Medicinal properties

## 4.1.0.9 AtharvaVeda 12-4-9 Cow Dung and Urine

गोबर गोमूत्र यदस्याः पल्पूलनं शकृद्दासी समस्यति ।

ततोऽपरुपं जायते तस्मादव्येष्यदेनसः ॥ अथर्व 12-4-9

Throwing away in to waste the Cow Dung and Cow

Urine disfigures the society.

गोबर गोमूत्र व्यर्थ करने से समाज के रूप की सुन्दरता नष्ट हो जाती है ।

## Cows crowd together in rain and cold wind



## Behavioral peculiarities

- Animal of the same species tend to do the same thing at a time and hence it is useful to drive them from one place to another
- They usually graze at the same time, rest and chew at the same time
- They go for drinking water at the same time following one cow



## AV 3-14-5

### Goshala to have Biodiversity of life

- गोशाला में भिन्न भिन्न जीव जंतु आवश्यक  
शिवो वो गोष्ठो भवतु शारिशाकेव पुष्यत।  
इहवोत प्रजायध्व मया वः ससृजामसि।। अथर्व 3-14-5
- We provide for you this shelter to be blessed with different birds (like egrets) Parrots and animals living together in this cow house may provide us with plentiful bounties and sustainable welfare for all life here. To be also healthy on feeds, and to have large progeny ( biodiversity chain of nature)
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### Cow birds -Egrets



### Poultry in the goshala to control ticks



### Like all animals, cattle are sensitive to what your feelings are

- they will mirror those feelings by acting in the same way or reacting to your feelings.
- **Familiarize yourself with such behaviors, and try to memorize them for future reference.**
- Memorizing bovine behaviour and psychology will help you improve your practices in working with cattle and,
- if you are afflicted with bovinophobia, help work through your fears.

“Ohm Surabhiyae namah”

Thank you.

