

Page 1: Science of Holy Cow Dung (God's Gift)

Cow Dung Valentine Gifts, US

Kristin Murdock manufactures valentine gifts (clocks, mirrors, gift cards) from dried Cow Dung
<http://www.cowpieclocks.com>



Cow Dung Pens - John Lopez, South Texas, US



Cow Dung Milk Bowls - Darjeeling, India



Cow Dung Plant Pots - Eugene, US

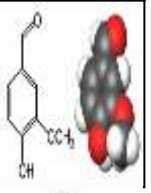


Cow Dung Bricks, India

Cow Dung Bricks with clay are good for health, keep away insects. They keep house cool in summer, warm in winter

Cow Dung Vanilla - Japan - Noble Prize Award

For shampoo, aromatic candles, food: By Researchers/Noble-Laureates from Research Institute of International Medical Centre of Japan



Cow Dung Paintings



Cow Dung Paintings



International Cow Dung Artist



Sheela Gowda (KA, India) uses Cow Dung for her paintings as Cow is symbol of non-violence and Cow Dung is used in rituals

Cow Dung Products, India

- 1) Cow Dung Medicines
- 2) Cow Dung Mosquito Coils
- 3) Cow Dung Fertilizers
- 4) Cow Dung Insecticides
- 5) Cow Dung Shampoos
- 6) Cow Dung Facial Creams
- 7) Cow Dung Dish Cleaners
- 8) Cow Dung Sandal Soaps
- 9) Cow Dung Tooth Powders

Cow Dung Concrete

Mixture of Cow Dung, clay, sand creates a material like concrete but softer, cool in summer and warm in winter



Cow Dung Gasoline - Japan

Sakae Shibusawa, an agriculture engineering professor at Tokyo University of Agriculture and Technology, said his team has successfully extracted 1.4 milliliters (0.042 ounces) of gasoline from every 100 grams (3.5 ounces) of Cow Dung by applying high pressure and heat

Dry Cow Dung Smell Negates Cancer

Brooke Donovan: **New Scientist** magazine reports that farmers working with dry Cow Dung have 5 times less risk of getting Cancer compared to City inhabitants (from their research in Italy, Germany, France)

Cow Dung to Power Cell Phones

A team of MIT students developed a hand-held Cow Dung device that can be used to charge Cell Phones. The team known as BioVolt, won first prize in inaugural MADMEC (MIT and Dow Materials Engineering Contest)



Cow Dung Powered Mobile Networks

In a pilot project in Pune, the 3 organizations (Ericsson, Idea Cellular, GSMA) will begin using Cow Dung to power mobile base stations, which are beyond the reach of electricity grid

Cow Dung Cell for Laptops, OSU, US

Scientists of Ohio State University say the Cow Dung cell (rechargeable batteries) they developed proves there are ways to generate renewable electricity that are both cheap and plentiful

Cow Dung Bingo Game, Switzerland



**Segway Cow Dung Water Purifier, US
Segway Cow Dung Power Generator**



Segway Scooter - Sterling Engine - Dean Kamen



God's Gift - Cow Dung - The Future



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Cow Dung Multi-Acre Biogas Project - Fresno, California, US

Natural gas to power few thousand homes a day. If successful, they (BioEnergy Solutions) plan to host similar operations across California's agricultural heartland



Cow Dung Biogas Project - Luxembourg

Electrical production of 1366 MWh/yr (supplied to grid) and heat production of 2037 MWh/yr (for swimming pool, sports centre & school)

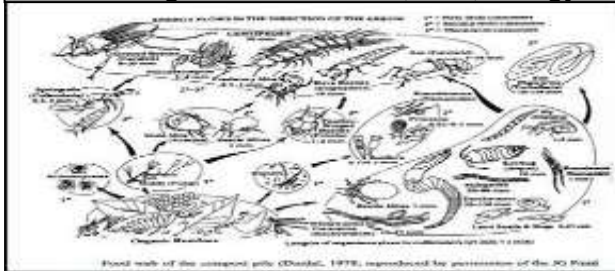


BBC: Cow Dung Plan for Housing Energy, UK

Richard Tomlinson says he can create enough energy to power all 500 homes in his local village Holt, Wrexham, UK, by using Cow Dung from his 600 organic dairy Cows



Cow Dung - Natural/Bio Gas, Fuel, Energy



(Source: Polpasport, G. "Organic Waste Recycling", Wiley, 1996) Any peasant who practices organic farming, knows the value of compost, uses it, and is acquainted with the life in the compost pit as well as in the soil.

Cow Dung Bio-Digester - Addis Ababa, Ethiopia

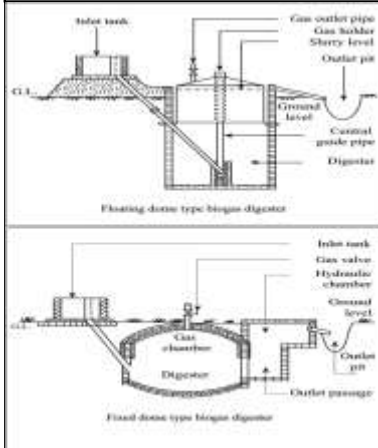
Ethiopian Church's Sebata Nunnery: For cooking meals to more than 1000 children at school and for over 200 orphaned kids



Cow Dung Factory - China - US \$5.7 Million - Producing 30,000 KWh-Hrs/day

Mengniu Dairy (Inner Mongolia, China), with an investment of US \$5.7 million is using equipment and technology from Germany to process Cow Dung and Urine. It is able to produce 30,000 kilowatt-hrs of electricity daily

Cow Dung - Bio-Digester Design



Electricity from Cow Dung, US

Brothers Kevin and Daryl Maas of Washington State are working on producing electricity from Cow Dung. They use a proven and commercialized technology



Compressed Gobar Gas - (CGG) Plant



\$36 Million Cow Dung Project

Imperial Valley: A company (BioRenewable, US) is planning to generate 14 MWatts of electricity to power 98,000 homes from 2008



Cow Dung Powered Generator to Produce Electricity - MMA Inc, Florida



Cow Dung Incense



Cow Dung Tooth Powder



Cow Dung Dish Washer



Cow Dung Fire Cakes



Cow Dung Sandal Soaps



Cow Dung Facial Cream



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Cow Dung usage in India: Cow Dung usage has a prominent importance in India since past few thousands of years in the areas of medicine, agriculture/farming, atmospheric protection, etc. There also few festivals associated with Cow Dung.

Deity Cleaning with Cow Dung: *Vishnu* temples priests have strict austerity and vows to follow when performing worship of deity - e.g. wearing just-previous day washed robes, washing hands and legs before entering the temple, abstaining from touching any animal or liquid/wax of any of their own body-exit-hole during deity worship, washing face if sneezed, washing hands/mouth if eaten anything, etc. But in spite of such severe austerity of untouchability during deity worship, they wash the new deity with holy Cow Dung. This practice is there in India since few thousands of years. Who can indeed understand this science that seems illogical to human brain? Material science may be able to explain *swachhata* (neatness), but not *pavitrata* (purity) and *divyata* (holiness).

Mahaabhaarat: "One should never show any disgust towards **Cow Urine** and **Cow Dung...**" [*Anusaasana-parva Sections 83-87*] **Mahaabhaarat:** "Of all the **84 lakh (8.4 million)** species of living entities, only the **Cow** is such an entity whose **Dung** is not impure, but rather it purifies every other kind of impurity." **Rig Veda:** "*pancha-gavya* - The 5 products of the **Cow** (milk, curds, ghee, urine, dung) are used for *agni-hotra* (fire sacrifices) and also for bathing of a new deity before installation."

Mahaabhaarat: "The **Cow** is my mother and the **Bull** is my sire. The **Cow** is in fact my refuge." [13.56.4] **Manu-Smriti:** "The 5 products of the **Cow** - **milk, curds, cream/ghee, urine, dung** - are all used in purificatory ceremonies, and **Cow dung** is worshipped as an emblem of the disc of *Vishnu*." [4.39] **Manu-Smriti:** "Swallowing *pancha-gavya* (the 5 products of **Cow** - **milk, curds, ghee, urine, dung**) and refraining from theft again, is atonement for a thief." [11.166]

<p>Cow Dung - Fire Sacrifices and Festivals</p> <p>Cow Dung is used in <i>agnihotra</i> (Fire Sacrifices) to purify the atmosphere. There are few fire festivals (<i>bhogi, sankranti, lohri, mattu pongal, kanum pongal, bishu</i>, etc) in which Cow Dung cakes are burnt to purify the atmosphere. Cow Dung is used in <i>kolam, tihar, naagpanchami, nuakhai, onam, karama, kajari, ugaadi, gudi-padwa</i>, and <i>govardhan-puja</i> festivals.</p>	<p>Cow Dung Floorings during Festivals</p> 	<p>Cow Dung Worship on Diwali Festival, India</p> 	<p>Cow Thanksgiving Festival - Cow Dung Fireplace used</p> 	
	<p>Cow Dung agnihotra</p> 	<p>Cow Dung Deity</p> 	<p>Dry Cow Dung Cakes</p> 	<p>Cow Dung Huts</p> 
<p>Cow Dung Baskets - Seed Storage</p> <p>Seeds are stored in a straw basket plastered with Cow Dung. After the basket get dried-up, the seeds are put into it, grass is laid on top and then the basket is capped with Cow Dung. This simple contraption method protects the seeds from humidity, worms and increases storage life.</p>	<p>Cow Dung as Manures</p> <p>Cow Dung is used in India since yugas (previous ages) as natural organic manure for soil. Using Cow Dung can bring back the fertility of soil and organic compounds lost by usage of chemicals.</p>	<p>Cow Dung Research</p> <p>NASA, US Military, Monsanto, are known to be doing research on dried Cow Dung properties, and Cow Dung layer as absorbent of nuclear radiation in their tests for storing food from radiations</p>	<p>India- Cow Dung Heat best for preparing Natural Perfumes</p> 	

Killing a Human or Cow (especially in India) is a dreadful, intolerable and punishable offense. Please raise your strong voice to protect the Cow irrespective of whatever caste, community or religion you belong to.

Message to Indians: Till there are not sufficient organizations to care-take all the cows, let them have a natural life and death, but do not allow anyone to have her/his axe fall on them. Keep count and an eye on the Cows in your area.

Books from 'IRC-SNR Book Trust', India: 'Holy Cow' book series (shortly being released):

- 1) COW - World Religions - Holy-Sacred-Divine-Celestial,
- 2) Science of Holy Indian Cow,
- 3) Science of Holy Cow Milk,
- 4) Science of Holy Cow Urine,
- 5) Science of Holy Cow Dung

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