ECOLOGICAL HARM OF ANIMAL AGRICULTURE

Land which is using for each cattle is 2000 m² - 5000 m².
Animal agriculture covers 45% of the lands on the earth.
Animal agriculture is responsible for 18% of greenhouse gas emissions, while exhaust gases are responsible for the other 18%.

Biochemical requirement of manure and urine mixture of cattle is 50 times compared to household waste water.

While 6000 kg of vegetable food is produced on a 6000 m² land we can only produce 170 kg of meat at the same size area.

Vegetable food products leaves 50% less carbon footprint than meat products.

Deforestation

Animal agriculture is responsible for 83% of cutting the amazon forests.

80% of antibiotic production is produced for animals and animal agriculture.

1.5 million cows in the world drink 170 billion liters of water a day and use up to 61 million tons of food.

Water (l) Food (t)
Cow 170 million 61 million
Human 1.09 million 9.5 million

CO₂ and Coal Gas

In order to limit the global temperature to 2°C, only 565 gigatons of carbon dioxide can be emitted by all countries between 2010 and 2050. However, even without fossil fuel, we will exceed the carbon dioxide limit by 2030 by animal agriculture.

Food Consumption

In the last 20 years, methane gas has the potential to cause global warming 86 times more than carbon dioxide gas.

7% of the water use in turkey is used for home requirements and the other 45% used for animals agriculture.

92,000 tons of carbon dioxide is exposed from animal agriculture and products. This amount is equal to 51% of the greenhouse gases produced in a year.

Waste

Animals produce 190 times more waste than all people.

Biological Requirement

Water Consumption

Dairy Production

Amount  | L, kg
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Cheese  | 245 gr., 4.050
Milk  | 4.5 lit. 4.500
Meat  | 450 gr. 1.012.500

72% of all grains produced worldwide are being used as animal agriculture.