

ITK: Cow Dung Prevents Goats from Eating Plants and Avoids Fencing

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A large number of plants are grown in the open place in houses in villages. Some plants are grown in some gardens. Goats are raised in the same areas and in the vicinity of the villages. The goats eat plants, flowers and fruits. To avoid this, I discovered a method of spraying cow dung on the leaf of plants. By sprinkling cow dung on the leaf of plants, goats are prevented from eating plants, vines, flowers and fruits. The reason for this is that goats do not like the smell of cow dung.



Without Cow dung and without Fencing



Goat graze on plants that have not been sprayed with cow dung

Name of plants sprayed with cow dung

These plants were used for the research cow dung spraying method. It include Jasmine, Crossandra, Chrysanthemum, Turmeric, Chilli, Pumpkin, Brinjal, Henna, Ash gourd, Ridge gourd.

Goats Breeds

These goat breeds were used for the research purpose with include Kanni Adu, Kodi Adu.

Material Required

Material used for the research purpose Crop, Goat, Cow dung, Water, Bucket.

First Step

Mix 50 grams of cow dung and 20 grams of neem leaf in 10 litres of water in a bucket. I mixed cow dung and neem leaf and sprayed then only on the leaf of 5 plants: Jasmine,

Turmeric, Crossandra, Pumpkin and Ridge Gourd. Goats being feed the leaf of plants. Goats eat 60 percent of leaf of plants. They do not eat 40 percent of the leaf of plants. The reason for this is the addition of 20 grams of neem leaf. Since Neem leaf are eaten by goats, Neem leaf are mixing the solution because of 60 percent of leaf of the plants are eaten by goats. The cow dung mixed with neem leaf was considered as failure.



Cow dung Solution

Final step and Procedure

10-Litres of water and 50 grams of cow dung were mixed in a bucket and the leaf of the plants was sprayed. The goats were taken to eat the leaf of the plants. Goats don't like the smell of cow dung because of the goats do not eat the leaf of the plants. This reduces the number of goats eating plant leaf in rural areas.



Cow dung spraying

Merits

This reduces the number of goats eating plant leaf in rural areas. The cow dung is low cost. Cow dung sprinkled on the leaf falls down and serves as fertilizer for the plants. Fallen cow dung improves soil quality. Reduces fencing in garden. To reduce insect and disease population.



With cow dung

Demerits

It is difficult to use the cow dung method during the rainy season. If it rains for just one day, the smell of cow dung will only last for two days.



The goat did not graze the plant sprinkled with cow dung