

PANCHGAVYA



India has been an organic country-based agriculture since ancient times. It is also mentioned in our texts. Panchgavya means Panchgavya (a solution of five substances derived from cow), that is, a substance made from a mixture of cow urine, cow dung, milk, curd, and ghee is called Panchagavya. In ancient times, it was used to increase the fertilizer strength of farming as well as to increase immunity in plants.

FEATURES

- i. Increase in number of microorganisms in the soil
- ii. Increase in fertility of land
- iii. Increase in crop production and its quality
- iv. Maintaining air and moisture in the ground
- v. Reduce the effects of diseases and pests in the crop
- vi. Based on local resources
- vii. Based on simple and inexpensive technology

METHOD OF PREPARATION OF PANCHAGAVYA

2.5 kg on the first day Mix 250 grams of indigenous ghee in cow dung and 1.5 liters of urine, put it in the pot and close the lid well. For the next three days, shake it daily by hand. Now on the fourth day, mix all the ingredients together and put them in the pot and close the lid again. The next day start the process of moving it with wood and repeat it daily for seven days. After this, when its yeast becomes fragrant and starts smelling, then understand that Panchagavya is ready. Conversely, if the sour smell smells, extend the

shaking process by one week. In this way Panchagavya is prepared, now it is taken 10. 250 g in water Panchagavya can be mixed and used at any time in any crop. Now it can be used as fertilizer, prevention of diseases, pesticides and as a growth catalyst. You can make it once and use it for 6 months. The cost of making it is Rs. 70. Comes per liter.

USAGE METHOD

- i. Panchagavya is used in cereals and pulses (paddy, wheat, manduva, rajma etc.) and vegetables (capsicum, tomato, cabbage, squares and tubers).
- ii. It is necessary to have sufficient moisture in the field at the time of spraying.
- iii. It can be used at intervals of 25 to 30 days from seed treatment to 25 days before harvesting.
- iv. 5 liters per bigha. Panchgavya 200 li. Sprinkle near the stems of the plants after mixing them with water.

SEED TREATMENT

- i. Mix 500 grams of vermicompost in a solution of 1 liter Panchgavya and spray it on the seeds and offer its light layer on the seed and dry it in shade for 30 minutes.

TO PLANT

- i. Remove the seedlings from the nursery and dip it in the slurry and transplant.
- ii. After planting or spraying, sprinkle 3 times continuously at 15-25 days interval.

PRECAUTIONS

- i. It is necessary to have moisture in the field while using Panchagavya.
- ii. Water from one field should not go to other fields.
- iii. It should be sprayed before 10 in the morning and after 3 in the evening.
- iv. Panchagavya mixture should always be kept in shady and cold place.
- v. Its use is more effective for 6 months after making it.
- vi. This mixture should not be stored in tin, steel and copper vessels. Chemical pesticides and fertilizers should not be used with this.

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