

# PANCHAGAVYA

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**I. Abstract-** This article is all about a brief introduction to a remedy called 'Panchagavya' that is useful in organic farming and has several properties which is helpful in curing many diseases. This article is to make people aware of panchagavya that can cure dreadful diseases like swine flu and also has many more beneficial effects on crops, fruits and plants.

**II. Introduction-** Among all the medications, panchagavya is one of those remedies which has no side effects with several medicinal properties and benefits.. As it is a complete ayurvedic preparation made from cow, it has many uses over certain diseases with giving many benefits to animal, plant and human health. Panchagavya is a Sanskrit word which means, 'pancha-five', 'gavya-cow'. The five ingredients obtained from cow are taken and mixed in a proper proportion and then kept for fermentation to prepare panchagavya. These five ingredients are cow dung, cow urine, cow milk, cow curd and cow ghee. So, panchagavya is an ayurvedic preparation made from ingredients obtained from cow. It is also called 'cowpathy'.

Studies say that panchagavya is a growth promoter in the poultry diet, it increases the growth of plankton for fish feed, increases the production of milk in cows, enhances immunity, treats psoriasis and white patches, increases the weight of animals and increases egg laying capacity of poultry. In agriculture, it is used as fertilizer and pesticide. Panchagavya has numerous advantages.

**III. 'Panchagavya' a remedy to combat swine flu-** Mostly, we discuss about the disease, causes, their signs and symptoms but above all it becomes much more important to talk about the treatment. One such treatment includes ayurvedic preparation, made from cow dung, cow urine, cow milk, cow curd and ghee which are known as 'Panchagavya'. This has been a promising remedy to cure swine flu. As it is made from five ingredients obtained from cow it is named as 'Panch-five', 'gavya-cow'. Panchagavya has many more benefits on commercial crops, animal health and organic farming.

**IV.Preparation-** There is a definite proportion of the five ingredients that should be mixed properly. Apart from these five things, we can take banana, jaggery, water and coconut to develop taste. The amount required to prepare Panchagavya-

- Cow dung- 7 kg
- Cow ghee- 1 kg
- Cow urine- 10 litres
- Water- 10 litres
- Cow milk- 3 litres
- Cow curd- 2 litres
- Jaggery- 3 kg
- Tender coconut water- 3 litres
- Well ripened bananas- 12

Cow dung and cow ghee is mixed thoroughly both in morning and evening and is kept for 3 days. After 3 days, cow urine and water is mixed and then again kept for 15 days with regular mixing in morning and evening.

After 15 days other ingredients are mixed i.e. jaggery, banana, cow curd and coconut water and then panchagavya will be ready after 20 days. The preparation of panchagavya should be made in mud pot, concrete tank or plastic can. It should be kept open under shade, covered with wire mesh or plastic mosquito net to prevent houseflies from laying eggs. The contents should be stirred in morning and evening hours and after 30 days panchagavya will be ready. The other main thing that should be kept in mind is that the products of only desi and local breeds of cow is said to have potency than exotic breeds and also care should be taken not to mix buffalo mix or use buffalo products.



Fig.1- ingredients of panchagavya

**V.Storage-** panchagavya can be stored for 60 days, in shade and should be stirred twice a day. When thickened, water must be added appropriately.

**VI.Amount to be used-** for spraying, 3% i.e. 3 litres in 100 litres of water is an appropriate amount. For irrigation purpose, 20 litres per acre should be used. For seed treatment, the seeds are soaked in 3% panchagavya solution for 20 minutes. Before planting, rhizomes of ginger, turmeric and cutting of sugarcane should be soaked for 30 minutes. Before flowering, the frequency of use is two sprays once in 15 days. At flowering stage, two sprays once in 10 days is recommended and during fruit bearing stage only one spray is required.

## VII.Beneficial effects of panchagavya

a) For animal and human health- Panchagavya stimulates the immune system when taken orally by animals and human beings. It acts like vaccine and helps to cure diseases like swine flu. It has a good effect on skin, hairs and health. It can cure cancer, arthritis and cancer like dreadful diseases.

When mixed with animal feed, panchagavya increases animal's weight and makes the animal disease free.

b) For different crops, plants and fruits- Panchagavya is generally recommended for the crops. The amount to be used is 3 litre panchagavya in 100 litres of water. Plants sprayed with panchagavya produce bigger leaves, enabling synthesis and photosynthates. Roots goes deeper that help intake of nutrients and water. Other benefits of using panchagavya on fruits and commercial crops are as follows:

- Guava- shelf life is extended by five days.
- Mango- flavour and aroma are extraordinary enhances quality by 12 days in room temperature.
- Banana- bunch size is uniform and big.
- Turmeric- extra-long fingers, enhances yield by 22%.
- Jasmine- exceptional aroma and fragrance.

## VIII. REFERENCES:

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