



# Inputs used In Natural Farming



**National Centre For Organic and Natural Farming**

Hapur Road, Kamla Nehru Nagar, Ghaziabad-2

☎ 0120-2764212; 2764906; Fax 0120-2764901

Email: [nbdc@nic.in](mailto:nbdc@nic.in)

# Which Inputs are Used in Natural Farming?

## Beejamrit

### • Ingredients Used

- a. Water - 20 Litre
- b. Cow Dung - 5 Kg
- c. Cow Urine - 5 Litre
- d. Lime - 50 gram
- e. Rhizospheric Soil - Handful



### • Preparation

- a. Take 5 kg desi Cow dung and wrap it in a cotton cloth.
- b. Take 20 litre water in bucket and dip the above 5 kg cow dung wrapped in cloth into it.
- c. Leave it for 12 to 16 hours so that the cow dung extract may come into the water.
- d. Take 50gm lime in another container having 1 litre water
- e. Now mix the above two preparations and into it add 50gm rhizospheric soil.
- f. Add 5 litre of cow urine into it and leave the solution prepared for 8-12 hours.
- g. Now the Beejamrit is ready for seed treatment.

### • How to Use?

Add Beejamrit to the seeds of any crop; coat them, mixing by hand; dry them well and use them for sowing. For leguminous seeds, which may have thin seed coats, just dip them quickly and let them dry.

### • Benefits

- a. Increase Viability of Seeds
- b. Prevents Seed Borne Diseases.



# Jeevamrit



## • Ingredients Used

- |                        |             |
|------------------------|-------------|
| a. Water               | - 200 Litre |
| b. Cow Dung            | - 10 Kg     |
| c. Cow Urine           | - 10 Litre  |
| d. Jaggery             | - 2 Kg      |
| e. Pulse Floor         | - 2 Kg      |
| f. Rhizospheric Soil - | Handful     |

## • Preparation

- Take 200 litre water in a barrel for one acre farmland.
- Add 10 litre cow urine preferably desi cow urine in the above barrel filled with water.
- Add 10 kg Cow dung in the above solution.
- Add 2kg Jaggery into the above solution.
- Add 2kg any Pulse flour preferably besan in the above solution.
- Add handful of rhizospheric soil in the above solution.
- Stir all the above ingredients well using a wooden stick by rotating in clockwise direction.
- Keep the barrel covered with jute bag.
- Keep this solution quite stable for 48 hours for fermentation under shade.

## • How to Use?

- Spray with water
- Along with irrigation water

## • Benefits

- Promoting growth and flowering along with acting as a yield enhancer (@5-10% spray with water)
- Soil fertility enhancer (applied along with irrigation water)



# Ghanajeevamrit

## • Ingredients Used

- a. Cow Dung - 100 Kg
- b. Cow Urine - As required
- c. Jaggery - 1 Kg
- d. Pulse Floor - 2 Kg
- e. Rhizospheric Soil - Handful



## • Preparation

- a. Take 100kg of well dried cow dung and spread it uniformly on ground in the form of a thin layer.
- b. Add small quantity of cow urine to it.
- c. Add 1 kg pulse floor on the cow dung.
- d. Add 2 kg Jaggery.
- e. Add handful of rhizospheric soil.
- f. Mix all the above ingredients well and make laddus.
- g. Allow it to dry.
- h. After drying crush all laddus and store in boras.
- i. This dried ghanajeevamrit can be stored upto 6 months.



## • How to Use?

100 Kg dried Ghanajeevamrit per acre at the time of sowing

## • Benefits

Enhances the availability of nutrients through faster decomposition of bulky organic manures by boosting the microbial activity in the soil.





# Neemastra



Neemastra



## • Ingredients Used

- |                |             |
|----------------|-------------|
| a. Neem Leaves | - 5 Kg      |
| b. Cow Urine   | - 5 Litre   |
| c. Cow Dung    | - 1 Kg      |
| d. Water       | - 100 Litre |

## • Preparation

- Take five kg of green leaves of neem or take five kg of dried fruits of neem and keep the leaves or fruits crushed.
- Add this crushed neem or fruit powder in 100 liters of water.
- Put 5 liters of cow urine in it and mix one kg of cow dung.
- Stir it with wood and keep it covered for 48 hours.
- Dissolve thrice a day and after 48 hours filter the solution with a cloth. Now spray on the crop.

## • How to Use?

2-3% Spray with water

## • Uses

For the management of sap sucking insects and small caterpillars.



# Bramhastra



## • Ingredients Used

- |                            |            |
|----------------------------|------------|
| a. Neem Leaves             | - 3 Kg     |
| b. Karanj Leaves           | - 2 Kg     |
| c. Custard Apple<br>Leaves | - 2 Kg     |
| d. Papaya Leaves           | - 2 Kg     |
| e. Guava Leaves            | - 2 Kg     |
| f. Cow Urine               | - 10 Litre |

## • Preparation

- Take 10 liters of cow urine
- Add 03 kg of crushed green leaves of neem.
- Add 02 kg crushed Karanj Leaves.
- Add 02 kg crushed Custard Apple Leaves.
- Add 02 kg crushed Papaya Leaves.
- Add 02 kg crushed Guava Leaves.
- Now dissolve all this mixture in cow urine and and boil it.
- After 3-4 boils, take it down from the fire.
- Let it cool for 48 hours and then filter the solution with a cloth.
- Now Solution is ready to spray on the crop.

## • How to Use?

2-3% Spray with water

## • Uses

For the control of sucking insects and pod/fruit borer.



# Agniastra



Agniastra



## • Ingredients Used

- |                 |            |
|-----------------|------------|
| a. Neem Leaves  | - 5 Kg     |
| b. Green Chilli | - 0.5 Kg   |
| c. Garlic       | - 0.5 Kg   |
| d. Cow Urine    | - 20 Litre |

## • Preparation

- Take 20 liters of cow urine
- Add 05 kg of crushed green leaves of neem.
- Add 0.5 kg crushed Green Chilli.
- Add 0.5 kg crushed Garlic.
- Now dissolve all this mixture in cow urine and and boil it.
- After 3-4 boils, take it down from the fire.
- Let it cool for 48 hours and then filter the solution with a cloth.
- Now Solution is ready to spray on the crop.

## • How to Use?

2-3% Spray with water

## • Uses

For insects living in tree trunks or stalks, all types of large bollworms and caterpillars.



# Dashparni Extract



## • Ingredients Used

- Crush neem leaves 5 kg,
- Vitex negundo leaves 2 kg,
- Aristolochia leaves 2 kg,
- Papaya Leaves 2 kg,
- Tinospora cordifolia leaves 2 kg,
- Custard apple leaves 2 kg,
- Karanj leaves 2 kg,
- Castor leaves 2 kg,
- Nerium indicum 2 kg,
- Calotropis procera leaves 2 kg,
- Green chilly paste 2 kg,
- Garlic Paste 250 gm,
- Cow Dung 3 Kg,
- Cow Urine 5 liter

## • Preparation

- Take 200 liters of water.
- Add all above ingredients to it.
- Let it to ferment for one month and then filter the solution with a cloth.
- Now Solution is ready to spray on the crop.

## • How to Use?

2-3% Spray with water

## • Use:

All types of sucking pest and for control of all caterpillars.

