

Go Krupa Amrutam

(bacterial culture)



Go Krupa Amrutam

ग्रन्थ के वर्ष लोकों के लिए गोमता का असरों

Go Krupa Farming Method – effective alternative to Urea, DAP and Pesticides.

Go Krupa Amrutam based farming in 5 simple steps – successful and prosperous agriculture.

In the Vedas it is mentioned that, "as is Gomata's condition, the same is our condition". Our Guruji used to mention, "as long as Gomata and farmers are unhappy, the country as a whole can never be happy". After giving a lot of thought, and undertaking many years of research and experimentation, we have developed a simple farming technique which we believe will enable any farmer to undertake successful and prosperous farming. Since this method becomes possible due to Go Krupa Amrutam bacterial culture, a "prasadam" of Divine Gomata, we have named this technique as "Go Krupa Farming Method".

What is Go Krupa Amrutam bacterial culture?

Go Krupa Amrutam bacterial culture is derived from completely natural ingredients which include panchgavya (Gomutra, Gomay, milk, curd and ghee) and Ayurvedic herbs. It is the result of our extensive research and experimentation.

Benefits of Go Krupa Amrutam bacterial culture (in brief, please refer our website or YouTube channel for more information):

- Helps to establish colonies of friendly bacterial strains in the soil, which help to supply nutrients in easily digestible form to the plant, thereby improving plant immunity & output quality.
- Land becomes softer, more porous and able to absorb more rain water. As time passes, this should improve ground water levels and reduce water requirements in farming. Creates an environment that helps in the proliferation of friendly organisms such as earthworms and bees.
- Farmers can undertake successful Gau based farming with self-respect. This bacterial culture can be effective in all kinds of crops.

Go Krupa Amrutam is being offered free of cost to farmers of Bharat. If anyone is found taking money for this product, legal action will be initiated. Using Go Krupa Amrutam is unlikely to bring any adverse effects. This can be used as part of any natural farming method. We request all farmers to first apply this bacterial culture as per the described method on a part of their land, and then proceed after looking at the results achieved. Go Krupa Amrutam is a gift from Gomata ('Cow' as Divine Mother). We humbly request all farmers to use this after bowing down to Her, and attain prosperity with Her blessings.

Benefits of Go Krupa Amrutam Bacterial Culture

Before the Green Revolution, in 1970, 1 gram of soil contained over 20 million friendly probiotic bacterial cells. In the present scenario, not even 20% of these remain. These friendly bacteria are extremely essential for soil health & quality.

Go Krupa Amrutam has over 70 strains of friendly bacteria that are both aerobic as well as anaerobic, and which perform useful functions in the soil -

- 24 strains which absorb atmospheric **Nitrogen** and supply it in digestible form to plants.
- Several strains which help in **controlling plant infections and pests**, thereby improving plant immunity.
- Some strains which are classified as "**Geobacter**" in scientific terms. These bacteria absorb metallic & mineral elements from Gomay, Gomutra or soil and supply it in easily digestible form to the plant roots.
- Some strains which help to supply **sulphur** and **phosphorus** in pre-digested form to the plants. 6 strains which help in **composting**, and **Lactobacillus** bacteria which boosts plant growth and quality of their outputs.
- This culture also contains bacterial genera which help to **control pathogenic organisms**. This makes it possible to leave it in the open and also distribute this in various parts of Bharat.
- It is observed that this culture also helps to create a favourable environment for the growth of other friendly organisms such as **earthworms**, ladybugs and bees.

Special Note - 1) Our research & observations indicate that the bacterial strains present in Go Krupa Amrutam thrive on Gomutra or Gomay of desi or indigenous Gomata breeds, and best results are obtained when panchgavya elements of desi Gomata are used. So, we strongly discourage you from using panchagavya of buffalo or foreign Gomata breeds. So, it is our humble request that if you do not have desi Gomata, then please buy desi Gomata manure from a Gaushala or other farmers. And if you decide to keep a desi Gomata, then it will be easy for you to maintain Her at a low cost by using your Urea and DAP subsidies to buy feeds for the Gomata, by not using weedicides and using the weeds to feed Gomata. You may also plant Moringa or grasses such as Napier and Jinjwa in the boundary of your farm to feed the Gomata.

2) Farmers are also humbly requested to first test Go Krupa Amrutam on a small piece of their land. Based on results this can be used more extensively in your entire farm. For example, if you have 20 acres of farms, you may initially start with half an acre only. If you are satisfied with the results, then you may bring Gomata's on a larger scale and undertake Go-Adharit agriculture without depending upon costly outside purchases.

3) In the farm, when stubble or waste of crops is burnt it leads to destruction of soil bacteria and reduction in soil fertility, apart from increasing pollution. Instead, we suggest letting tiny pieces of this stubble remain on the soil along with Go-Krupa Amrutam. This will help to improve soil fertility in the long run.

Go Krupa Farming Method – 5 simple steps 1st Step - How to multiply Go Krupa Amrutam Bacterial Culture Solution at your Farm?

Take 200 litres of water in a clean container which has been cleaned using natural means, and which does not have any residue of oils or chemicals.

Take some water in a bucket and mix 2 Kg natural desi jaggery in it. Add this mixture to the 200 litres of water.

Add 1 litre of Go Krupa Amrutam culture and 2 litres of fresh buttermilk obtained from desi (indigenous) breed Gomata. Method for making buttermilk - Add 2 liters of water to 1 liter curd freshly prepared from milk obtained from desi Gomata. Churn with Bilona, extract butter, the remaining buttermilk is ideal for Go Adharit Krish.

Cover this solution with a cotton cloth and allow it to rest under a shade, preferably of a tree or green net. Stir this for 1 minute in clockwise direction once daily with a clean wooden stick for 5-7 days. Please protect this solution from rain water. 200 litres of usable solution will be ready within 5-7 days.

If stirring with a wooden stick is inconvenient, then you may buy a small cheap machine that is normally used to pump air in the aquarium. With this, the solution will be ready in less than 5-7 days.

The above 200 litres of bacterial solution can be used to prepare natural & powerful fertilizer as well as to control plant diseases & pests. This solution contains live bacterial culture which you can multiply as much as you need.

When this solution starts running out or less than half remains, add more water with solution of 2 kg natural desi jaggery & 2 kg fresh buttermilk obtained from desi Gomata as explained earlier and prepare more solution. In this way, you can prepare the solution on your own at home or on your farm.

This solution can be used after 7 days, 1 month, 2 months or 6 months. We have even used it after 1 year and its effectiveness does not reduce. **In case the solution has been lying unused under the shade of a tree, you just need to add a solution of 1 Kg desi jaggery and 1 litre buttermilk obtained from desi Gomata every month, so that the bacteria have food to survive.**

Go Krupa Amrutam may change colour 4 times during the year. Sometimes it can acquire a green colour, and sometimes it can also become black. Sometimes small insects may enter the solution, but it can be used after filtering it with a sieve.

The solution may have different scent during different parts of the year, or you may see bubbles sometimes, or foaming on the surface. These are not matters of concern, and it does not reduce its effectiveness.

Please note - While taking the bacterial culture from us or from other farmers, or sharing with other farmers, please keep a hole in the cap. This will allow the bacteria to breathe fresh air. And all equipment that you use to handle these bacteria, such as drum, pump, pipes, etc should be suitably clean and free of chemical residues.

Step 2 - How can you use Go Krupa Amrutam Solution to compost Gomay?

Make a 2.5 feet wide & 2 feet high line of about 1000 Kg gomay obtained from desi Gomata under the shade of a tree or green net or any other shade. With a bamboo stick, make holes in this line. Apply 100-200 liters of Solution on this line of manure.

Keep this manure moist, and keep churning every 15 days. In about 60 days top quality manure that is comparable to or even better than vermicompost manure will be ready. For best results, you may also apply 100-200 liters of Go-Krupa Amrutam Solution as per need every 5-7 days, such that you use a total of 1000-2000 liters to compost 1 Tonne of manure. By putting this in the sun, many of the micro-nutrients and friendly bacterial units may be adversely affected. So please use a shade for composting.

This manure can be used in any farm or for almost any crop and beneficial results can be obtained. You may also add dry leaves or dry grass to this for composting. There are over 1200 different types of compounds in Gomay and over 5100 in Gomutra. Since this manure is prepared using a cold process in a shade, most of the micronutrients can be naturally preserved and composted.

We have also seen excellent results when Go Krupa Amrutam is mixed in water with gobar gas slurry and given in the field. You can also prepare slurry separately. For this, mix about 25% Go-Krupa Amrutam with 25% gomay and remaining Gomutra and water in a pit, drum or tank and cover it to avoid exposure to direct sunlight. Allow this mixture to ferment for a minimum of 20 days before giving it in the field.

We recommend keeping 1 to 2 desi Gomas for every acre of farm, and 2 Gomatas for every acre if it is a smaller breed of Gomata. Every Gomata gives about 4 tonnes of Gomay and 8000 liters of Gomutra each year which can be used to prepare excellent manure and inputs for undertaking Go Adharit Krishi. If your local breed Gomata is smaller than keep 2-4 Gomas for every acre of farm.

Special note - While applying this manure in the field, please apply this directly near the useful plantations, and preferably cover the manure with some soil so that it is not directly exposed to solar heat. Apply close to the crop instead of the surrounding weeds, preferably 10-15 days before onset of rains and undertaking the plantations.

Step 3 - How much Go Krupa Amrutam Solution is to be given to plants at your Farm?

Give a minimum of 2000 litres of Go-Krupa Amrutam Solution per acre per month along with irrigation water.

So if you irrigate the fields 5 times in a month, then 400 litres should be given along with irrigation water each time, similarly if you irrigate 4 times a month, then 500 litres each time, if you irrigate 2 times then give 1000 litres a month. Go-Krupa Amrutam can be given in a variety of ways, including drip irrigation system, sprinkler, flood irrigation, drenching, etc.

Step 4 - How can you use Go Krupa Amrutam to control pests & plant diseases?

From the 200 litres of solution that you made earlier, take 3 litres of solution and 3 liters of fresh buttermilk obtained from desi Gomata. In a 15-litre pump, fill the remaining with water. For every acre, use 10-15 such pumps every week. For better results, add 200 ml of milk obtained from desi Gomata every 15 days, and spray immediately to avoid choking of the pump from curdled milk. For complex crops such as okra and chilli on which normally every 2-3 days chemical-based pesticides are sprayed, you may use this spray every 2-3 days instead. You can use this spray at any stage of farming – in seed preparation, sowing, flowering, fruiting, harvesting, etc. At times, if you use the spray after the plant shows symptoms of fungal or viral infection, the leaves may dry off and fresh healthy leaves would appear in their place. For fungus, weedling or termite, add 1 spoon turmeric & 1 spoon asafoetida to the pump prepared above, let it remain for 2-4 hours and spray. In addition, add 10 spoons turmeric and 2-3 spoons asafoetida in a drum containing Go-Krupa Amrutam, let it remain for 2-4 hours and give it with water in the field. For potash deficiency in the soil and termites, add 10-15 Kg of Ark (*asclepias procera*) to a drum of Go-Krupa Amrutam and give it in the field after 5-7 days.

Step 5 – Emergency Pest or Disease Control

At times, the plant may get a complex fungal or viral infection which may not respond to 2 litres of Go Krupa Amrutam spray in a pump. This Emergency procedure is to be used for such situations.

Collect buttermilk obtained from desi Gomata in a clay or metal container. Put copper pieces in this buttermilk and allow it to age for 40 days.

In a 15-litre pump, take 200 ml to 2 liters of such buttermilk that is aged with copper and 200 ml to 2 liters fresh Gomutra obtained from Desi Gomata and 2 liters Go Krupa Amrutam, and remaining water. Aged buttermilk and Gomutra being heating in nature, its quantity should be carefully determined depending upon the nature of crop. These ingredients should be used in less quantity for smaller plants, and higher quantity (upto 2 liters) for larger plants and trees.

First apply this on a part of the affected field, say 10-15 plants, and then proceed to apply on the remaining field based on observed results. You may also add garlic and chilli to the spray as prepared above, if needed. As soon as the disease comes under control, revert to using normal spray as described in Step 4.

We continue to revise and simplify the Go Krupa Farming Method based on our experimentations as well as feedback obtained from farmers who are successfully applying this method across Bharat. Please stay in touch with us for such updates.

For best results - To obtain 100-150% higher production vs chemical based farming, use 3 times manure composted with Go-Krupa Amrutam (25-30 Ton/Acre) and 3 times Go-Krupa Amrutam (with water as well as through spray) instead of the protocol described in the first 4 steps above. For examples of farmers who have successfully applied this method to achieve excellent results, please visit our website or download free ebook from our website www.bansigir.in.

For more information on Go-Krupa Amrutam



Gopalbhai Sutariya
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