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User Instructions for 2ml Panchgavya

We are introducing 2ml Panchgavya Organic manure packing. From this 200ml Panchgavya Liquid organic manure (PGLOM) can be prepared. From this 200 litres PGLOM + water mixture can be prepared. This 200 litres PGLOM water mixture can be used as "Soil Booster" for about 4 acres of agricultural land. The benefits include that this works as **ESEWB: Entire Soil Earth Worm Booster or PJKB : Poore Jameen Kenchua Booster**. Earth worms growth in top soil and soil is the basic requirement of 100% Organic farming. For top spray or foliar spray applications, we recommend our Gopanchanga spray of only 15 litres for one full acre of crops.

How to make 200ml Panchgavya Liquid Organic manure (PGLOM) from 2ml Panchgavya

Materials Required: 1. 200ml water in a 300ml SS tumbler or 300ml Plastic tumbler. 2. One small Scissors. 3. One 200 or 250 or 500ml empty clean bottle. 4. One SS spoon of 5 or 5 and half inch size.

Shake the 2ml Panchgavya packet once. Cut open on top of the pouch with scissors. Pour or add entire 2ml panchgavya liquid to the water in the tumbler. Using back side of spoon (handle side) mix the water five times only. That is all. Now 200ml Panchgavya Liquid Organic manure (PGLOM) is ready. Pour this in to empty bottle. Close the Cap. This prepared 200ml can be stored and used with in a period of 3 years.

See Video at: <https://youtube.com/watch?v=jYz8LurTKyk>

Methods of Soil application of Panchgavya Liquid organic manure:

1. **ISOMM** (Over dry soil) using, 50 Litres PGLOM water mixture. (Detailed ISOMM preparation and methods of using are given in ISOMM webpage)
2. **Soil Mixed Soil Booster**. (Water filled and standing soil) Using, 50 Litres PGLOM water mixture. (Detailed Soil Booster preparation and methods of using are given in Soil Booster webpage)
3. **Drip Irrigation**. (Through Venturi) 200ml, added with 200 litres water mixed 12 times.
4. **Spraying over empty water standing filed:** Using, 50 litres spraying with saadaa nozzle (This is new method we are introducing now)
5. **Spraying on to Water passing through channel** nearer to the agri field (during water irrigation): Using, 45 to 50 litres for 1 acre. (This also is a new method we are introducing now)

First method: ISOMM:

Materials required: 2 numbers 25 litres buckets and one 15 litres Bucket. Agro waste cuttings of about 1 to 1.5 inches, about 75 to 80 litres. Panchgavya liquid manure 50ml.

Step 1: Prepare 10 litres PGLOM water mixture using 10ml Panchgavya liquid manure in a 15 litre bucket.

Step 3: Take 15~16 litres agro cutting waste in a 25 litres bucket. Add prepared 10 litres PGLOM with this. Mix by hand 4 or 5 times. Leave it to soak for about 1 hour. Prepare in 2 buckets, so time is saved. Now about 22 litres solid organic manure mixture is ready.

Step 3: Take the prepared mixture in small basins of 3 to 5 litres and use hand and throw on agricultural land of about 9000 sq.feet, preferably directly on to soil and not on to grown crops. Use 5 such buckets for 1 full acre.

Step 3: Water the soil by flood irrigation. Or wait for rains to water the field.

Suitability: Where agro cuttings are available to farmers. Where water standing on field is not possible, before application for ESEWB. Application is possible, on empty land, or field with standing crops of about 6 or 8 or 10 inches only, or for row crops, or trees, where soil is clearly visible.

Note: Detailed ISOMM preparation and methods of using instructions are given in ISOMM

webpage. But we now recommend using only 5 Buckets of prepared ISOMM for earthworms boosting purposes. ISOMM webpage: <https://dinlog.in/englishisomm.html>

Second method: Soil Booster:

Materials required: 2 numbers 25 litres buckets and one 15 litres Bucket. Panchgavya liquid manure 50ml.

Step 1: Prepare 10 litres PGLOM water mixture using 10ml Panchgavya liquid manure in a 15 litre bucket.

Step 2: Take 15~16 litres earth soil in a 25 litres bucket. Add prepared 10 litres PGLOM with this. Mix by hand or Trowel 4 or 5 times. Leave it to soak for about 15 minutes. Prepare in 2 buckets, so time is saved. Now about 22 litres enriched solid mixture is ready.

Step 3: Flood irrigate of about 9000 sq.feet; Make water standing for about 1 inch over soil. Take the prepared soil mixture in small basins of 3 to 5 litres and use hand and throw on water standing on agricultural land of about 9000 sq.feet, preferably directly on to soil and not on to grown crops. Use 5 such buckets for 1 full acre.

Suitability: The soil booster is useful in areas where facilities for cutting agricultural waste are unavailable to farmers. , Soil Booster is useful. Where (flood) water irrigation and water retention over soil on field is possible, before application for ESEWB. Application is possible, on empty land just before planting, or field with standing crops of about 6 or 8 or 10 inches only, or for row crops, or trees, where soil is clearly visible.

Note: Detailed Soil Booster preparation and methods of using instructions are given in Soil Booster webpage. But we now recommend using only 5 Buckets of prepared Soil Booster for earthworms boosting purposes.

Soil Booster Webpage: <https://dinlog.in/englishsoilbooster.html>

Third method: Drip Irrigation:

Materials required: 1 number 200 litres Drum. Panchgavya liquid manure 200ml. Drip irrigation system with gate valves for each acre. Venturi mixing system.

Step 1: Take 200 litres water in the Drum. Add 200ml Panchgavya liquid manure with it and mix by 2 inch pole 12 times.

Step 2: Give this 200 litres PGLOM mixture, through Venturi 20 to 30 minutes before the schedule closing of Gate Valve for each are of land.

Suitability: This is highly labour saving method. Application is possible, where Drip Irrigation System and Venturi are available.

Fourth method: Spraying PGLOM water mixture:

Materials required: One 50 litres Drum or one 20 litres Bucket. 50ml Panchgavya liquid manure. Sprayer machine manual or Battery operated.

Step 1: Prepare PGLOM water mixture either 15/17 litres or if 50 litres drum is available, 50 litres following the mixing videos given.

Step 2: Water irrigate 1/3 acre at a time. Make sure about 1 inch water is standing on the field.

Step 3: Using the Sprayer machine, spray 15 / 17 litres spray mixture over standing water on land in about 1/3 acre of land. Spray 3 such tanks for one full acre. Use saadaa nozzle and spray quickly to cover entire land

Suitability: Where (flood) water irrigation and water retention over soil on field is possible, before application for ESEWB. Application is possible, on empty land before planting, or field with standing crops of about 6 or 8 or 10 inches only, or for row crops, or trees, where soil is clearly visible.

Fifth method: Spraying on to Water channel:

Materials required: One 50 litres Drum or one 20 litres Bucket. 50ml Panchgavya liquid manure. Sprayer machine manual or Battery operated.

Step 1: Prepare PGLOM water mixture either 15/17 litres or if 50 litres drum is available, 50 litres following the mixing videos given.

Step 2: Set the Sprayer machine to Spraying mode over water passing channel, while irrigation water is passing through the channel. Set this very close the agricultural land. Set this in the last 15 or 20 minutes of water passing to each part of land. Use saada nozzle. Set the sprayer nozzle tip at about 4 to 6 inches above passing water. PGLOM water mixture, mixes with passing water and reaches the soil. Use 50 litres PGLOM water mixture for 1 full acre.

Suitability: Where (flood) water irrigation through water channel is available, while application for ESEWB. Application is possible, for all times and all types of Crops, trees. This is also labour saving and suitable for all agri fields.

Note: 1. The above Soil Booster can be applied to lands, 30 days after application of Chemical fertilizers. 2. There must be 10 days gap between application of this Soil Booster and Gopanchanga Spraying.

Panchgavya liquid + water mixture preparation:

For 10 litres PGLOM water mixture:

Take 10 litres water in a 15 litres or big bucket. Shake 200ml PGLOM bottle once. Take out 10ml PGLOM with a measuring cup, add this to 10 litres water and mix by hand 2 times only. See Video at: <https://youtube.com/watch?v=A5u5xHSHeZc>

For 15 litres PGLOM water mixture:

Take 15 litres water in a 20 litres or big bucket. Shake 200ml PGLOM bottle once. Take out 15ml PGLOM with a measuring cup, add this to 15 litres water and mix by hand 2 times only. See video at: <https://youtube.com/watch?v=bLOa5huxopw>

For 20 litres PGLOM water mixture:

Take 20 litres water in a 25 litres or big bucket. Shake 200ml PGLOM bottle once. Take out 20ml PGLOM with a measuring cup, add this to 20 litres water and mix by hand 3 times only. See Video at: <https://youtube.com/watch?v=eKc3VapoxLc>

For 25 litres PGLOM water mixture:

Take 25 litres water in a 30 litres or big bucket. Shake 200ml PGLOM bottle once. Take out 25ml PGLOM with a measuring cup, add this to 25 litres water and mix by hand 3 times only. See Video at: <https://youtube.com/watch?v=ngOt0KvsH2o>

For 50 litres PGLOM water mixture:

Take 50 litres water in a 60 litres drum. Shake 200ml PGLOM bottle once. Take out 50ml PGLOM with a measuring cup, add this to 50 litres water and mix by 2 inch thick pole or plastic pipe 5 times only. See Video at: <https://youtube.com/watch?v=5fSS6LhQPIU>

For 100 litres PGLOM water mixture: Take 100 litres water in a 100 or 200 litres drum. Shake 200ml PGLOM bottle once. Take out 100ml PGLOM with a measuring cup, add this to 100 litres

water and mix by 2 inch thick pole or plastic pipe 8 times only. See Video at: <https://youtube.com/watch?v=rOd7ScGYKtA>

For 150 litres PGLOM water mixture:

Take 150 litres water in a 200 litres drum. Shake 200ml PGLOM bottle once. Take out 150ml PGLOM with a measuring cup, add this to 150 litres water, and mix by 2 inch thick pole or plastic pipe 10 times only. See Video at: <https://youtube.com/watch?v=GidqnNDI35A>

For 200 litres PGLOM water mixture:

Take 198 or 200 litres water in a 220 litres drum. Shake 200ml PGLOM bottle once. pour this entire 200ml, to the 200 litres water in the drum, and mix by 2 inch thick pole or plastic pipe 12 times only. See Video at: <https://youtube.com/watch?v=uUKMJF3o0SA>

Note: Also see website page: <https://dinlog.in/esewb.html>