

How to make 500ml (Dlog Technologies) Panchgavya liquid manure from 5ml Panchgavya

Processing: Items needed: 1. Cleaned, well Dried Plastic mug of 1 Litres or 800ml Capacity only. 2. A dry 5 or 5 and half inches size Stainless Steel Spoon. 3. A pair of Scissors. 4. A newly bought 500ml bottle of water. Or empty half litre pet bottle, not previously used for making this Panchgavya.

Steps: 1. Open the 500ml water bottle, pour the water into the dry mug. (Or take 500ml water in the mug, using half litre water bottle) 2. Shake the 5ml Panchgavya Pocket once, and cut open it with the help of Scissors, and pour/add the entire content into the water. 3. Stir/Mix with SS Spoon, 5 times only, as shown in the Video:

<https://youtube.com/watch?v=kgeMecOcbVQ>

4. Now Panchgavya Liquid Organic manure is ready. Pour this 500ml into the half litre Pet bottle. This can be used for further 3 years. But shake the Pet bottle once, before taking out the Contents.

Reuse of PET bottle: Never reuse the Pet bottle used for storing prepared Panchgavya Liquid Organic Manure (PGLOM)

Dated: 14 04 25

How to apply (Dlog Technologies) Panchgavya Liquid Organic manure (PGLOM) for Crops / Plants

100 / 200 Litres Drum method: First take 98~100 litres water in a well dried Drum. Take exactly 100ml PGLOM from the 500ml bottle (after shaking the PET bottle once), add this with 100 litres water in the Drum. Mix this with a 2 inch thick plastic pipe or big stick/pole 8 times only. Now the 100 litres PGLOM water mix is ready to be applied to Crops. Take 10 / 16 litres of this PGLOM mix by a plastic bucket or Pot and pour this into an empty clean Sprayer. Spray this onto Crops, Plants. A 10 litre PGLOM mix can be sprayed onto Crops in about 4400 sq. feet. (A 15 Litres PGLOM mix can be sprayed on to Crops in about 6600 Sq. feet. Repeat this and complete 100 litres PGLOM mix for one acre. After applying 100 litres PGLOM mix, turn the Drum upside down, empty it completely without a drop of water inside it. Now again fill 100 litres of water in the Drum and repeat the above process. In the evening, dry the Drum by keeping it upside down, lifting it slightly on one side for air circulation. (You make take 198~200 Litres of water and add 200ml Ready PGLOM and mix 12 times by 2 inch Pole and spray, on 2 acres Crops)

20 litres Bucket method: Using a 20 litre plastic or metal Bucket, take 15 litres water in it, add 15ml PGLOM with that, mix by hand two times only, then pour this into 15 litre Sprayer fully, then spray on crop, plants. Empty the bucket fully before using the Bucket again. Again take 15 litres of water, add 15ml PGLOM, mix, and pour into Sprayer and spray. (For 16 litres Sprayers, use 20 litres bucket, add 16ml PGLOM for 16 litres water.)

Notes: 1. PGLOM mix should not be sprayed during raining days or Snow falling days since 2 hours after spraying PGLOM mix, there should not be any rain or snow fall. (Plants and leaves may be wet or dry. Ground below may be wet or watery). 2. Plain water should not go into Sprayer. Do not prepare PGLOM mix inside the Sprayer. 3. Plain water should not get mixed with PGLOM mix in the 100/200 litres Drum. 4. Should not add/mix any other

pesticides/medicines/tonics or gum with PGLOM mix for spraying. 5. For Brinjal plants spray PGLOM mix once in 7 days. 6. Generally for all crops, plants spray PGLOM mix once in 10/15 days. If affected by any disease or insects first 3 times alone apply once in 4 / 5 days. (Or apply Organic Pesticides to save crops). 7. For long term Crops/ Plants like Tea, Coffee, Rose, Jasmine, Lemon, Banana, Turmeric, plants etc. spray PGLOM mix once in 15 or 20 days. 8. Do not prepare PGLOM mix with dirty water. Always use clean water only. 9. If you apply/spray this PGLOM mix, do not spray any other chemical fertilizer, organic manure, pesticides, insecticides, tonics or fungicides, (at least for one week) as these may clash with this Organic manure spray. 10. After initial 3 times spraying, Crops, Plants will become healthy and yield will be high. 11. However, before seeding or planting, land may be tilled well and small quantities of natural manure like locally made compost/manure (made in 2 nos. 10'x10'x5' = 500Cft pits per acre) may be applied for soil nutrition. (Or apply ISOMM made from using PGLOM water mix) For long term crops/plants, once or twice or 3 or 4 times, a year, apply small quantities of above mentioned natural manure or ISOMM. 12. For one acre, do not spray this PGLOM mix more than 100 or 110 litres, as this is more than sufficient, for Crops to become healthy and grow well and give high yield. 13. If the plants are very healthy, for short term crops spraying once in 15 days is enough and for long term crops spraying once in 20 days is enough.

Dated: 25 03 25

How to apply (Dlog Technologies) PGLOM water mix for Trees

200 Litres Drum method: Required 2 Nos. 200 litre Drums. First take 198~200 litres water in a well dried Drum. Take exactly 200ml PGLOM from half litre PET bottle (after shaking the PET bottle once), add this with 200 litres water in the Drum. Mix this with a 2 inch thick plastic pipe or 2 inch thick big stick 12 times only. Now the 200 litres PGLOM water mix is ready to be applied to trees. Take this out in buckets and apply at the roots of trees. After applying 200 litres PGLOM mix, turn the Drum upside down, empty it completely without a drop of water inside it. Now again fill 200 litres of water in the Drum and repeat the above process. In the evening, dry the Drum by keeping it upside down, lifting it slightly on one side for air circulation.

Bucket method: Prepare 10 / 15 / 20 Litres PGLOM + Water mix seeing the Videos on LOM Mix preparation, apply this around roots of the trees very close to the tree. Apply to each tree after the deciding about quantity of PGLOM mix to be applied to each tree. Small trees 5 or 6 litres, Medium Trees 9 or 10 litres. Big trees 14 or 15 litres, very Big Trees 20 to 22 litres, depending on size of the tree. PGLOM can be applied through Drip irrigation or with the help of Venturi mixer (Separate instructions given for this method)

Quantity of PGLOM mix to be applied in general to trees: litres. For calculating required quantity per tree, measure the dia of the trunk of the tree, and apply 1 litres for 1 inch dia of the tree. For e.g. if the trunk of the tree is 10 inches then apply 10 litres. For Coconut trees apply 13 to 14 litres per tree is considered enough.

PGLOM mix application days: For healthy trees, apply PGLOM mix on 1st, 30th, 60th days and then after once in every 2 months.

For unhealthy trees, apply PGLOM mix on 1st, 10th, 20th, 30th days and then after once in every 1 or 2 months. For insects affected trees once in 4 days for 4 to 6 times, then after continue once in 15 or 30 days. (Or apply Organic Pesticides to save trees).

Spraying PGLOM mix for Trees: With the help of Rocket Sprayer PGLOM mix can be sprayed on to trees with height up to 30 feet. For one acre of trees quantity of PGLOM mix required may be 300 to 600 litres. For all trees apply PGLOM mix spray once in 15/30 days. If the trees are unhealthy, spray first month alone on 1, 8, 15th and 22nd day, and then after once in 15/30 days. For insects affected trees once in 4 days for 4 to 6 times, then after continue once in 15 or 30 days

Dated: 25 03 25

Notes for Dlog Technologies Panchgavya using Farmers Dated 25 3 25

1. For all Vegetable crops Dlog Technologies PGLOM can be sprayed once in 10 or 15 days, except for Brinjal for which spraying required is once in 7 days. Plants grow naturally well, (without any fear of attacks from insects of pests or worms from other nearby fields where our PGLOM mix is not sprayed). Yield will increase tremendously.

2. Follow the instructions given along with the product for Spraying to different Crops or applying to trees. (Also see English Plants Pictures pdf, schedule of spraying required for different types or crops or trees is given therein)

Starting of Spraying: For all crops/plants start spraying our PGLOM from 12/15th day of its life. For trees from 3rd month of its life.

2.1. If the crops is not healthy:

10.1.1 For short term Crops (90/120 days Crops) first 3 times alone spray Dlog Technologies PGLOM once in 10 days. After Crops become healthy spraying can be done once in 15 days. Crops become naturally healthy in 25 days time.

2.1.2. For Long term Crops first 3 times alone spray Dlog Technologies PGLOM once in 10 / 15 days. After Crops become healthy spraying can be done once in 20 days. Crops become naturally healthy in 35 days.

2.2. If the Crops are suffering from any problems: (like disease or afflicted by fungus or insects or pests):

2.2.1. For short term Crops (90/120 days Crops) first 3 or 4 times alone spray Dlog Technologies PGLOM once in 4 days. (Or apply Organic Pesticides to save crops). After the Crops become healthy spraying can be done once in 10/15 days. Crops become naturally healthy in 15 days.

2.2.2. For long term Crops/trees first 3 / 5 times alone spray Dlog Technologies PGLOM once in 4 days. (Or apply Organic Pesticides to save crops/trees). After the Crops become healthy spraying can be done once in 15 / 20 days. Crops become naturally healthy in 25 days.

2.3. If the Crops are very healthy:

2.3.1. For short term Crops (90/120 days Crops) spray Dlog Technologies PGLOM once in 15 days.

2.3.2. For long term Crops spray Dlog Technologies PGLOM once in 20 days.

2.3.3. If the plants/crops are healthy, do not spray our PGLOM at intervals of less than 7 days. If the trees are healthy do not apply/spray our PGLOM at intervals of less than 15 days.

3.1 Using PG LOM water mixture 10 litres for making Instant Solid Organic Manure Mixture (ISOMM)

In this method instead of spraying the PG LOM Water mix, 10 litres PG LOM Water mix is added to 15 to 16 litres cut agro waste (semi dried or fully dried or freshly cut) and soaked for 15 to 30 minutes, then applied to the soil as Soil manure/Compost. More details are available in webpage: <https://dinlog.in/englishisomm.html>

4. Side effects of spraying Dlog Technologies PGLOM mix:

All the side effects are beneficial effects only. The side effects not already mentioned in the above paragraphs are:

4.1. Crop waste after harvest are either burnt as the residual crops are unfit for animal feed and not converted to compost. . But if our PGLOM is sprayed, these residual crop can be fed to animals as they do not contain any pesticide residue or used for making compost..

4.2. The yield will have more minerals and vitamins and are very good for human health, unlike crops grown with chemical fertilizers and pesticides which are harmful to human health.

4.3. The seeds of Dlog Technologies PGLOM sprayed crops are very healthy and good for next successive agriculture.

4.4. The shelf life of yield like vegetables, fruits and flowers is increased by at least 15%.

5.1. Revised Draft / Model Instructions for using PG LOM mix (LOM + Water) in Drip Irrigation systems (DIS) with Venturi

We have been recommending not to apply our PG LOM Mix (PG LOM +Water) through Drip Irrigation systems. But some farmers are successful in applying our LOM mix to Plants and trees through Drip Irrigation systems through Venturi. Now we recommend applying LOM mix through Venturi and give below Draft /Model Instructions for the same. In general for applying through Drip Irrigation systems, we recommend double the quantity that is required for spraying methods.

For Trees / Long Term Crops/trees: (Recommended dosage

500ml/acre) We recommend 500ml of our ready PG LOM may be added to 200 litres of water in a 200 litres Drum and mixed 11 to 12 times only by 2 inch Pole. Give this 200 litres PG LOM mix through the suction tube of Venturi for one acre of trees. This may be given in the last 20~30 minutes of watering through the DIS. In case of multiple acres of trees, 20~30 minutes before closing the Gate valve /Switch of DIS supplied to each acre. If Gate valve/Switch is for 2 acres give PG LOM mix through 2 such drums in the last 30 minutes.

For Medium Term Crops: For Pappaya, Banana, Topiaco, Sugar Cane etc. Same as Long Term Crops.

For Short Term Crops: (Recommended dosage 300ml / acre) Gate Valve is generally for half acre only for Short term Crops, so we recommend 150ml ready PG LOM may be added with 100 litres of water in a drum and mixed 7 to 8 times only, and give this 100 litres

PG LOM mix through the suction tube of Venturi for every half acre of Short term crops. This may be given in the last 20 minutes of watering through the DIS. In case of multiple acres of crops, 20 minutes before closing the Gate Valve/Switch of DIS supplied to each half acre.

If Gate valve/Switch is for one full acre, then prepare PG LOM mix in a 200 Litre Drum with 200 litres water + 300ml ready PG LOM and mix/stir by 2 inch Pole 11 to 12 times. Give this 200Litres PG LOM mix through suction tube of Venturi in the last 20~30 minutes before closing the Gate Valve for every one acre of crops.

Note: Apply our PG LOM mix through DIS and spraying methods alternatively with minimum gap of 10 to 15 days for Short term crops and 15 to 20 days for long term crops. Do not apply PG LOM mix by both methods same time or at shorter intervals. Dated: 25 3 25

48 Hours proving technique of Panchgavya LOM

Make 500ml Panchgavya Liquid Organic manure (PG LOM) from 5ml pocket, by correctly following the instructions and video.

Take a clean empty bucket and a well cleaned 15 litres Sprayer. First take 15 litres water in the bucket. Shake 500ml bottle once, take out 15ml PG LOM and pour/add this into 15 litres water. Stir by hand two times only. Now 15 litres PGLOM Mix is ready for spraying. Pour this into the well cleaned Sprayer. This 15 litres PG LOM Mix can be sprayed on to crops/plants in about 6600 square feet. Spray this on standing short term crops which are 30 to 60 days aged crops, in about 5000 to 6000 square feet. Do not spray more than 1 tank.

After 48 hours, check the PG LOM sprayed Crops. Compare with not sprayed Crops. You will see, PG LOM sprayed crops have grown taller by at least 2 inches and leaves have become greener and plants are more healthier, than not sprayed Crops. Note: In this method only 15ml or 16ml should be given to the Farmer.

How to cure severe insect, worm, fungus, mealybugs, thrips, scales, apids etc. infestation and bacterial infection in standing crops? (New method)

Adding very little quantity of Neem Oil (300 ppm): If the crops are severely damaged due to the above, add up to 0.03% (10milli to 30milli) Neem Oil, to 100 litres of water, to get rid of insects and pests easily. For this, first mix Neem Oil well with small quantity of water, say 200milli to 500milli, make a milky solution of Neem Oil, then, add this Milky solution to 100 litres of water, mix well. With this 100 litres of water add 100 milli PG LOM, mix 8 times by a 2 inch Pole and spray this water mix over affected Crops. By this method, otherwise incurable severe insects or bugs or worms etc. can be cured very effectively.

(Note: For 100 litres of water: 0.01% (10milli) or 0.02% (20milli, or 0.03% (30milli), Neem Oil (300ppm) to 100 litres of water).

Warning: Do not add more than 30milli for 100 litres of water.

By: Dlog Technologies, Chennai 600033.

(Dlog Technologies) Panchgavya LOM + water mix preparing		
Water	LOM	Mixing / Stirring
10 litres	10 ml	2 times by hand
15 litres	15 ml	2 times by hand
20 litres	20 ml	3 times by hand
25 litres	25 ml	3 times by hand
50 litres	50 ml	5 times by 2" stick
100 litres	100 ml	8 times by 2" stick
150 litres	150 ml	10 times by 2" stick
200 litres	200 ml	12 times by 2" stick
300 litres	300 ml	15 to 16 times by 2" stick
500 litres	500 ml	20 to 22 times by 2½" stick
Notes:		
1. Always mixing ratio is 1 ml for 1 litre. Do not add more.		
2. Do not mix or stir more times. It will not work.		
3. Water quantity may be plus or minus 5%.		
4. First take water, then add PG LOM.		
5. Empty the bucket / drum completely before preparing next batch		
6. Believe that this PG LOM is a very strong manure.		

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For all PGLOM + Water mix preparation videos see videos at <https://dinlog.in/englishpanchgavya.html>

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