



Green Agröw



JB ENTERPRISES

JBE, being an professionally managed firm engaged in Organic Farming, manufacturing and supplying of Organic Fertilizer, Organic floor cleaners and other organic naturally cultivated products in the brand name of " Green Agröw " supply through B2B & B2C and through our E Portal. We depends on people's knowledge base than anything else. Our Panchagavyam & Cleaner products are tested and certified by NABIL approved Laboratories and all our products are certified by FSSAI.


COW PRODUCT
ASSOCIATION
JB - SOUTH INDIA HEAD

GREEN AGROW PANCHAKAVYAM

We Green Agrow one of the pioneers manufacturers of Panchakavyam made only from country cows with five major ingredients like cow dung, cow urine, cow curd, cow Ghee and cow milk, along with additional organic products like jaggery, coconut water etc depending on the requirements and usages. Panchakavyam is an liquid organic used for various purposes for the benefits of human being and all live stocks of the earth.

Agriculture

Panchakavyam can be used as a organic fertilizer which is suitable for for all kinds of agriculture cultivation and climatic conditions.

Our Green Agrow Panchakavyam helps to reduce the water consumption for the agricultural cultivation and increase the yield upto 30% more.

Our Green Agrow Panchakavyam keeps the plants crops alive upto 21 days without water

All the agricultural cultivation products by using our Green Agrow Panchakavyam helps to improve the health of the present and future generations to prevent from various disease caused by chemical fertilizers

Our Green Agrow Panchakavyam helps to improve the soil fertility which is one of instrumental for all the agricultural cultivation to produce organic products

Feed

Green Agrow Panchakavyam is a user friendly feed for aqua, Health supplement for poultry farms, sheep, cattle and camels for their better well being protects from diseases resulting in high rich quality of milk.

ETP Plant and Sewage Treatment

Our Green Agrow Panchakavyam helps to reduce the hardness of the water and convert the sewage water to reusable water except drinking.

Country cow Dung based products are suitable for the development of various industries.

- Traditional Organic cleaner
- Eco paint manufacturing
- Electricity generation
- Handicraft
- Cottage industries etc

JBE Divisions

Panchagavyam
&
Based Products

E commerce
www.greenagrow.com

Merchant Trading
(Bulk Business & Exports)



Main Goal

To educate and promote Organic Fertilizers i.e Green Agrow Panchagavyam to all the farmers and convert them from chemical fertilizers to natural organic cultivation to save the mother soil as well as present cum future human generations from various diseases & disorders due to in take of chemical fertilizers based cultivated products. Our future generation should live healthy and safe and also saving the natural resources especially water is equally important to live and Panchagavyam helps i reduction of water consumption for cultivation. Educating people about organic cultivation and organic products especially Panchagavyam usage is our prime goal and task.

Panchagavyam & Country Cow Products

JBE supplying the traditional organic fertilizer especially made from country Cows called Panchgavyam which results in performance of cultivation & farming with natural and more health food products for healthy life of present and future generations.

- Panchagavyam – Liquid
- Organic Floor cleaners
- Desi Country Cow Dung Cakes
- Desi Country Cow Urine – Distilled



E Commerce

JBE is E portal www.greenagrow.com supplying all the essential Organic Groceries in the brand name of “ GREEN AGROW” and also supplying to direct Retail/ Wholesale supplies i.e. B2B as well as B2C.

Merchant Trading

JBE is involves in all kinds of Trading to support to the clients in all the best possible ways and means quality and maintaining and standard competitive price. We supply both in Domestic and Overseas as per the requirements of the clients ensures alternatives on time.

The magical properties of Country Cow Panchagavyam.

Organic Fertilizer – Panchagavyam – Especially from Country Cows Only provides the best benefits/results

Cow Dung



Cow Urine



Cow Ghee



Milk



Cow Curd



Water



Jaggery



Tender Coconut



Well ripened
poovan banana

Organic farming and its techniques are thankfully back in fashion. Unlike us city dwellers, lives of our forefathers were organic by default. They had many ancient techniques and ways which made them lead their lives in harmony with nature. Panchagavyam is one of them. Panchagavyam benefits all human beings, livestock & supports big time in at the agricultural field

Panchagavyam primarily improves soil fertility and promote growth in plants and increases their immunity. The effect of Panchagavyam on different parts are as follows:

Leaf: Plants sprayed with Panchagavyam produce bigger leaves; it also enhances the photosynthesis process.

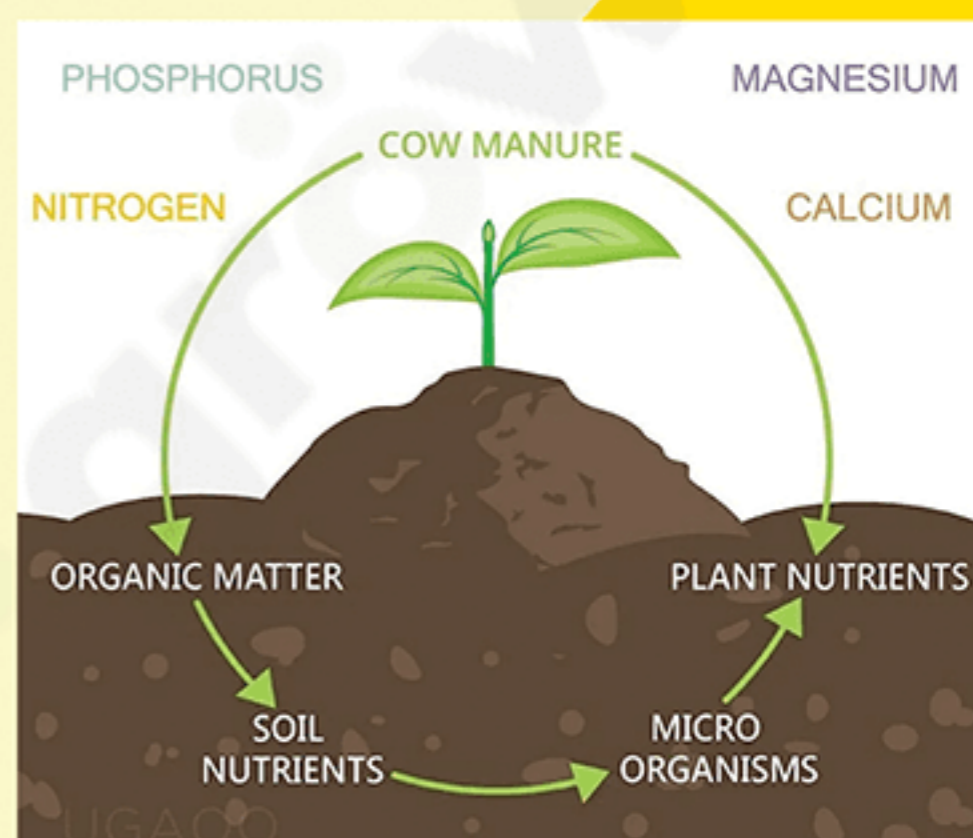
Stem: It improves branching, and helps in producing more off shoots, which are sturdier.

Roots: Roots grow deeper, increasing the intake of nutrients and water.

They also become denser and remain fresh for a longer time.

Yield: It has been usually observed that when farms are converted from inorganic to organic, their yield reduces Panchagavyam ensures that the yield is restored after the conversion at least 130% initially and to 200% in 3 years with same investment on this organic fertilizer, Panchakavyam also enhances the shelf life, aroma and taste of the produce.

Reduction in water consumption: Panchagavyam causes a thin layer of oil to form on the leaves and stems. This reduces water loss due to evaporation during the day. Also as Panchagavyam cause the roots to grow longer, plants can withstand longer periods of dry. This way water consumption of the plant reduces by 30%.



The General dosage for Panchakavyam – once in 15 days

For all kinds of Vegetables & flowers	3% of water volume – Drip/Standard
For all kinds of Crops & Plants	3% - Drip Irrigation
For all types of Fruits & Trees	5% - Drip/Regular Irrigation
For Coffee & Tea	5% by spray

For Flow Irrigation without tank, please contact our office

Benefits Of Panchakavyam Manure On Plant Growth

All our farmers from their experience enjoying the growth effect of Panchagavyam, especially in the cultivation of paddy, mangoes etc. Moreover, it helps to preserve the quality of crops, soil and environment. It contains several micro and macro nutrients, beneficial microorganisms like bacteria and fungi which promote plant growth.

Characteristics of Panchakavyam

Panchagavyam is an organic liquid fertilizer, stimulates the growth and boosts the immunity in all type of plants. It has all macro and micronutrients along with growth hormones (IAA & GA) needed for plant growth. It has been reported that some biofertilizers like Azospirillum, Azotobactor, Phosphobacteria and Psudomonas were found in per ml solution of Panchagavyam. Microbial flora like yeast and lactobacilli are present in larger proportion due to fermentation substrates like jaggery/sugarcane juice and milk and milk products at low PH. The low PH of the solution was due to the production of organic acids as a result of microbial fermentation. During fermentation lactobacilli produces some beneficial metabolites i.e. organic acids, hydrogen peroxide and antibiotics, effective against other harmful microbes besides their growth promoting properties in plants.

Time Interval of Dosage for various crops – General Practice

- Rice 10,15,30 and 50th days after transplanting
- Sunflower 30,45 and 60 days after sowing
- Black gram Rainfed: 1st flowering and 15 days after flowering Irrigated: 15, 25 and 40 days after sowing
- Green gram 15, 25, 30, 40 and 50 days after sowing
- Castor 30 and 45 days after sowing
- Groundnut 25 and 30th days after sowing
- Bhindi 30, 45, 60 and 75 days after sowing
- Moringa Before flowering and during pod formation
- Tomato during Nursery and 40 days after transplanting: seed treatment with 1 % for 12 hrs and then 15 days once@3%
- Onion 0, 45 and 60 days after transplanting
- Rose At the time of pruning and budding
- Jasmine Bud initiation and setting
- Vanilla Dipping setts before planting
- Tea & Coffee estates depends on the climatic conditions by spray/drip irrigation. Please contact office for further details
- Clove, Cardamon, and all Spices have 15 days once by spray/ drip irrigation

Chemical composition of Panchakavyam	Microflora found in Panchakavyam
pH from 6.50 according to the requirements	Fungi 38800/ml
EC dSm ² 10.22	Bacteria 1880000/ml
Total N (ppm) 229	Lactobacillus 2260000/ml
Total P (ppm) 209	Total anaerobes 10000/ml
Total K (ppm) 232	Acid formers 360/ml
Sodium 90	Methanogen 250/ml
Calcium 25	
IAA (ppm) 8.5	
GA (ppm) 3.5	



Best Benefits of Panchagavyam

- Panchagavyam generally used as liquid organic manure in crops. When this solution sprayed, the plants produce larger leaves; more number of lateral shoots leads to higher yield.
- It promotes the development of root system in plants by producing profuse and dense rooting, penetrates deeper layers and help in better absorption of nutrients and water.
- Plants can live even in the drought up to 21 days by absorbing water from moisture because of Panchagavyam and require lesser water for irrigation i.e. about 30% lesser of normal water requirement resulting in huge savings in water and electricity.
- Due to presence of both micro and macro nutrients in Panchagavyam it enhances the soil fertility.
- Panchagavyam contains plant growth promoters and other antimicrobials which promotes plant growth and protects them from pathogens resulting in higher yield of crops.
- Panchagavyam can also be used as an Antibiotic growth promoter in broiler chicken diet. Add panchagavyam in chicken feed @ 15ml per kg or @1 ml in drinking water for best results, Egg laying capacity of chicken will improve the chicken weight overall resulting in organic chicken.
- Mix Panchagavyam in cow and sheep feeds, will cure general diseases and improves milk production in cows and increases the sheep weight.
- Panchagavyam is best suitable for Prawns & Fish feed depends on the type of ponds resulting in higher yield in lesser span of time 60 days with average weight of 25 grams.

Panchagavyam also contains many vitamins, amino acids. It contains Gibberellins and Auxins which regulate the growth of plants. It also contains microorganisms like Pseudomonas, azotobacter, phosphor bacteria which are highly nutritious for plants.

Goats and Sheep

For goats, 20 ml of Panchagavyam is the feed per day. They become healthy and also gain weight in a very short period of time.

Cows

For Cows, 100 ml of Panchagavyam is to be feed per day. By this, the cows will become healthy and also give a good yield of milk. There would be an increased rate of consuming. The skin of the cow becomes shiny, the hair would be thick and beautiful. It is an anti-dot for cows preventing general diseases.

Poultry

You need to give 1 ml of Panchagavya per bird per day. This can be done by mixing Panchagavya in drinking water/ mix in feed. This makes the bird free of diseases and increase the weight. The eggs laid by the birds treated with Panchagavyam would be big when compared to the ones grown in an inorganic way. When coming to broiler chicken, there would be a drastic increase in the feed to weight ratio. 15ml panchagavyam should be mixed with per kg feed.



Fish/Shrimps

In fish/Shrimp ponds, you can apply Panchagavyam with fresh water. With this, algae and small worms will be formed in the fish pond which acts as feed for the fish. Please ensure that you need to add only freshwater to the pond. If there is less oxygen, even the algae and worms become competition for fish in getting food. With the application of Panchagavyam, the death rate of fingerlings will decrease and the weight of the fish/ prawns also gets increased, making the fish/prawn farmers profitable. Export quality kindly go thru the feeding manual details and procedure of feeding.

A Simple Practical Calculation - Panchagavya – Aqua culture – Shrimps/Prawns

Green Agrow Panchagavya is one of the best Aqua feed with lot of benefits to the farmers who are in this industry. Please ensure that you follow the traditional way for maximum output of fish/prawn.

Approximate practical application for Shrimps/Prawns. The water should be fresh clean water and no need to do any bleaching/chlorination etc.

Area	1 Acre
Quantity	1,00,000 pieces
Water depth	3 feet approx.
Feeding days	60-75 days max
Expected Yield	2.5-3 MT approx.
Average weight	25-30 grams approx.
Type of Feed	Liquid
Prevention	Yes with country Cow Panchagavya - 200 litters approx.
Feed Method	Refer Panchagavya Aqua feed chart
Number of feeds	3 times a day
Additional Savings	Man power, Generator, Electricity, Chlorination & 20 days in the over all period.



Best Benefits of Panchagavyam

- Promotes optimum growth
- Reduces stress
- Improves appetite and feed conversion ratio
- Improves over all health and immunity
- Enhances feed efficiency
- Prevents uneven growth
- Prevents and treats growth retardation
- Complete control of white discharge
- Improves the quality and weight
- Improves protein and vitamins



GREEN AGROW Disinfectant- Organic Cleaner

Green Agrow Panchagavya Floor Cleaner with divine desi cow urine helps keep floor clean, shine and free from Bacteria and Germs. Green Agrow Cleaner is an authentic Panchagavya Product and is a organic surface disinfectant. An effective Organic disinfectant that has a broad-spectrum anti-microbial activity, which works against bacteria.

A natural and safe alternative to toxic cleaning chemicals, using the power of Goumutra ark and pine oil. 100% biodegradable

- Prepared in 100% concentrated Distilled cow urine (Goumutra ark)
- Cost effective (50ml in 10 litres of water) or [5% of water qty]
- Absolutely safe for humans | children
- Protects your family from harmful micro-organisms in a natural way
- You assure a pivot place for mother cow in our economy by purchasing this product.



Content

Distilled Cow Urine with Neem, Water, Pine Oil,

Green Agrow Cleaner comes with the advantage of Cow Urine and Neem Extract which makes it one of the natural yet powerful cleaner ever. Maintains hygiene in every wash with last long fragrance.



No Bleach

Does not contain chlorine bleach. No harsh chemical residue leaves a clean fragrance. Kills 99.9% of germs. No gloves, masks or protective eye-wear is required. Skin friendly.

Usage

It has multi purpose of cleaning i.e floors and toilet etc & All in one speciality.

Ideal for Homes, Apartments

Public movement places i.e. Bus Stands, Railway Junctions, Airports, Sea ports, Parks, Zoo etc

Excellent for Hospitals, Educational Institutions, Offices, Hotels & Lodges in a more natural sanitized way

Caution

- Not for human consumption
- Keep out of reach of children and away from fire
- Store in a cool, dry place.

Practical Comparison of Panchakavyam Vs Chemical Fertilizer Based on our own cultivation experience at our lands- J. Bhalaji

Contents

Fertilizers are food supplements for plants. In order to increase the soil's fertility and improve the yield and the production of nutrient-rich crops, fertilizers are added to the soil. In general, these fertilizers can either be obtained naturally or artificially prepared for enhanced productivity of the yields.

These fertilizers are classified into bio-fertilizers and chemical fertilizers based on the composition and type of materials used.

What Is a (Organic fertilizer) ie Panchakavyam?

Organic fertilizers mainly comprises of plant remains, some unique species of microbes and other organic matter, which contain the essential nutrients required for the growth of the plants. Biofertilizers are environment-friendly, serve as a good source of nutrients, improve the soil texture, eradicate disease-causing pathogenic components and also help to retain soil fertility.

Overall, Organic fertilizers serve as a good source of nutrients required for the benefit of plants to improve plant productivity and healthier crops.

What Is a Chemical Fertilizer?

Chemical fertilizers or synthetic fertilizers are added to crops in order to enrich the soil with nutrients such as Nitrogen, Phosphorus and Potassium. This decrease the fertility of the soil which leads to faster crops.

Both Organic fertilizers and chemical fertilizers are used as a source of nutrients to improve plant yield and destroy plant pathogens. Chemical fertilizers are extracted and refined and dangerous to soil fertility and not good for human beings and all live stocks, whereas Organic fertilizers are minimally processed and Eco friendly and healthier for soil fertility and gives more yield with less water for all types of crops, plants, , vegetables, fruits etc and good for human beings and all live stocks

Comparisons based on our own Experience at our farm lands

Organic Fertilizer (Panchakavyam)	Chemical Fertilizer
Definition	
They are composed of natural materials that are extracted from country cows along with some organic fruit juice etc	They are composed of non-organic and artificially cultivated elements.
Time of Action	
Requires little more time for the nutrients of these fertilizers to reach the plant initially but very consistent and effective after the first time usage.	Work faster than organic fertilizers as they get immediately dissolved in water and supply nutrients to plants.
Type of Resources	
Renewable source. Crop / Plant can with stand 21 days without water ie in drought. It absorbs water from moisture	Non-renewable source. Need water every day else crop / plant will die.

Organic Fertilizer (Panchakavyam)	Chemical Fertilizer
Water Consumption	
Less water required for cultivation and minimum of 30 to 40% water can be saved	More water required for cultivation..
Soil Life	
Makes the soil healthier, stimulated and more fertile.	Soil life will not be enriched or stimulated
Soil Compaction	
Organic Fertilizers ensure an airy soil structure and improves soil fertility in 3 years fully and using the agricultural products are healthy and prevent diseases for human beings as well as live stocks.	Chemical fertilizers lead to soil acidification and spoil the soil fertility over all and the using such agriculture products lead to all kinds of diseases to humans and live stocks.
Salt Content	
Organic fertilizers do not contain sodium salts or any metal contents or chemicals.	Chemical fertilizers are very salty and have harmful chemicals.
Effect on the Environment	
It is biodegradable, sustainable, and environmentally friendly and very healthy.	Repeated applications affect microbial ecosystems and the soil's pH, a toxic buildup of chemicals in the soil and very dangerous to all
Distribution of Nutrients	
Have equal much better distribution of essential nutrients according to the need.	Have equal distribution of essential nutrients.
Nitrogen-fixing Bacteria	
Supports the growth of nitrogen-fixing bacteria.	Destroys the growth of nitrogen-fixing bacteria as it contains high acid content.
NPK Ratio - Nitrogen Phosphorus Potassium Ratio	
Much Balanced as required to the crops & Plants as per climate conditions	High in the initial.



Organic Fertilizer (Panchakavyam)	Chemical Fertilizer
Cost of Fertilizers	
<p>It is a little more expensive compared to chemical fertilizers initially and become cheaper in the long run in especially after 3 years of usage in fertilizer cost. The yield will be minimum 30% more in the first year and it will be 50 to 70% in the long run after 3 years. Because the soil fertility improves a lot</p>	<p>It is less expensive compared to Organic fertilizers initially and become costly in the long run. Mainly the yield will be the same but fertilizer cost is more every year because it spoils soil fertility so need more powerful chemicals need every year to maintain the yield.</p>
Equipment and Techniques	
<p>Organic fertilizers are prepared manually and semi automatic using country cows.</p>	<p>Requires special techniques and equipment and lot of capital equipment and factories.</p>
Examples	
<p>Panchakavyam Mainly from country cow Dung, urine, ghee, curd and Milk along with all organic fruit juices & jaggery as required for the crops and plants.</p>	<p>Ammonium sulphate, ammonium phosphate, ammonium nitrate, urea, ammonium chloride and the like.</p>





CORPORATE OFFICE ADDRESS

JB Enterprises , No. 358 Avvai Shanmugam Salai ,GJ Plaza, 2nd Floor,
Gopalapuram Chennai 600086 Tamil Nadu State India

Phone : +91 44 4558 7346

Website : www.jbenterprises.group

E Portal : www.greenagrow.com - Online Purchase

Email : contact@jbenterprises.group / jb732000@gmail.com