



Our blue planet dictates interdependency for health & survival of every living being. Soil & life always intertwine, We are intelligent to learn, adapt & co exist. For it is wisdom of existence.

KHUBA SOIL CONDITIONER

AGRICULTURE - FARMING - HORTICULTURE - FLORICULTURE

- There are several organic fertilizer benefits, some purely altruistic, others much more self-interested. First of all, most inorganic fertilizers provide only that well-known trio, nitrogen (N), phosphorus (P), & Potassium (K). These three, known as the macro-nutrients, are indeed required in greater quantity than any others, but they are only three of the thirteen nutrients plants need. The three chemicals that qualify as secondary nutrients, calcium, sulfur, and magnesium are generally ignored, as are the trace nutrients, boron, chlorine, manganese, iron, zinc, copper, etc. While these are needed in far smaller quantities than the macro-nutrients, they are still essential.
- Khuba Soil Conditioner contain all the above mentioned & many other trace elements that plants may need and which are not found in most chemical formulation.
- Our products are derived from mineral source which take care of the earlier negative impacts, provide higher yield, and regenerate the damaged soil and reduce the need for application of external fertilizer and make them largely self sufficient over a period of time.
- It is made with multiple selected natural minerals, which contain all major and micro nutrients with many other trace elements that plants may need and which are not found in most chemical formulation.

APART FROM ABOVE THERE ARE MANY ASPECTS TO BE CONSIDERED LIKE:

- **ONE STOP SOLUTION**, farmers do not need any other fertilizer to grow any crop in any kind of soil. Khuba Soil conditioner delivers all nutrients together.
- **SUSTAINED RELEASE**, makes availability of nutrients for entire tenure to the life of plant. This ensure production of sugar and supply of food to living organisms in the soil to provide nutrients, back to the plant for better growth and healthy yields.
- **NUTRIENTS** Macro & Micro available having sustained release, helps in better health of soil organism to ward off any diseases, establish better network for communication between plants for nutrients exchange or ward off predatory attacks, leading to reduced use of pest control. Thus a robust healthy plant & a healthy produce.
- **HEALTHY FUNGI** in soil are natural controller of predator like nematodes, because fungi are carnivorous by nature and prefers nematodes and they also converts any dead insects or animals naturally. Thus reducing need of pesticides, while making the soil healthy.

- HYGROSCOPIC nature helps, retain water fed, keeps surrounding cool and also draws water from atmosphere helping plants to grow better.
- REDUCTION OF FERTILIZERS USE over a period of time, becomes possible as the fertility of the soil increase and becomes healthy.
- DAMAGED / OVERFERTILIZED LAND RECOVERY for agriculture is possible with use of natural soil conditioners on multiple application. The yield can be enhanced with slight increase of doses in the initial year.
- REDUCTION OF PEST CONTROL, providing required nutrients enables plant immune system and it is directly linked to its robust health. Plants need passive immunity derived from balanced chemistry, and active immunity due to plant biology. Natural immunity means reduction of pest controls.
- TAILOR MADE soil conditioners can be provided to specifically meet the soil & crop growth need.

It is not just nutrients, we have to weigh, but how they are delivered, their compatibility, reduction in usage and many more, such attributes are to be considered to make a healthy soil, and a healthy soil makes a healthy plant which provides us nutritious food. Further, details are provided in comparisons and FAQ.

It is now, time for sustainable agriculture farming in sustainable ways, meeting present needs, without compromising the sustainability of future generations. Now it is essential to increase our knowledge base on sustainable agriculture for healthy living, sustenance and benefit of mankind.

Our happy farmer, their crops, names & contact details are available for you to interact directly about Khuba Soil Conditioner benefits & their experience.

[FACEBOOK](#) - [YOUTUBE](#)

KHUBA SOIL CONDITIONER - COMPARISON CHART - English - हिंदी - ಕನ್ನಡ - मराठी - తెలుగు

TEST REPORTS - MATERIAL SAFETY DATA SHEET – MSDS - PHOTO GALLERY - HELPFUL INFORMATION

[VIEW OR DOWNLOAD](#)

BENEFITS

- It includes broad and diverse formulations of products that provide plants with nutrients and/or improve organic matter in the soil.
- They are applied to plants and/or soils to improve soil fertility, plant vigor, produce quality and yield. Our products can be used in both organic and conventional agriculture.
- It includes three specific product categories: Natural nutrients, Natural mineral and soil improvers.
- Its main function is to provide nutrients under organic forms from natural, mineral and organic materials.
- It reduces dependency on chemical inputs & pest control.
- It enhances the biological activity and biodiversity of soils, the quality attributes of produce as well as yield.
- It helps in facilitating, slow release of nutrients in response to the needs of plants.
- It helps efficient use of water to render crops more resilient and drought-resistant.
- It enhances crop resistance to erosion by improving the soil's organic matter content.
- It reduces soil poisoning caused due to excessive application of pesticides, weedicide.
- It enriches soil with bio flora & fauna, reduces soil born / fungal diseases & gives higher yield.
- It is neutral to plants at time of stress in the event of excessive heat or water logging or cold seasons; whereas chemical fertilizers need controlled weather conditions for the proper intake of the nutrients, which is not possible.
- It has beneficial effects on Long and short term effects for plant grown including beneficial higher yield in spite of variations in the surrounding weather conditions which is beyond human control.
- It bears healthy plants yield high quality produce, & extends shelf life.

[COMPARISON CHART PDF](#)

Application	KHUBA SOIL CONDITIONER ORGANIC	Chemical Fertilizer	Water Retainers For Deserts
Breathable Sand	Yes	No	Yes
Water retention	Enhanced	No	Enhanced
Anti seepage / percolation	Yes	No	Yes
Air circulation	Yes	No	Yes
Optimize soil	Yes	No	Yes
Excess Water	No impact	Nullifies.	No Impact
Better plant growth	Yes	Partly	Partly
Hygroscopic nature	Yes	NA	No
Hydrophobic nature	No	NA	Yes
Water Saving	Yes	No	Partial
Atmospheric Moisture	Drawn for plants	No	No
Effect of heavy rains	Minimal changes	Nullifies	NA
Ground contamination	No effect	High	Unknown
Water contamination	No effect	Very high	Unknown
Ingestion by animals	Non Toxic	Toxic	Unknown
Activity / life span	Very long period	Short period	NA
Effect of Heat	No effect on plant	Negative to plant	NA
Nutrient Uptake by plant	Easily available anytime	Either use or discard	NA
Nutrient availability	Available throughout	Only for short period	NA
Nitrogen	Available throughout	Either use or discard	NA
Plant strength	Strong sustained strength	Strong only when applied	NA
Plant fatigue	Constant strength	Variations of availability	NA
Excess Nitrogen	Constant supply	Leads to plant softening	NA
Over supply of Nitrogen	Not vulnerable	Vulnerable to pest attack	NA
Undersupply of Nitrogen	Constant availability	Leads to lowers growth	NA
Variation of Nitrogen	Constant growth	Lower plant strength	NA
Variation of Nitrogen	Not effected	Final yield effected	NA
Soil Organic matter	Enhanced.	Reduced	NA
Organic matter reduction	Constant yield	Lower yields	NA
Organic Matter	Constantly replenished	Not replenished	NA
Organic Matter effects	Gains fertility	Loses fertility	NA
Colonization of plant roots with mycorrhizae	Enhanced	Reduced	NA
Exchange of nutrients	Enhanced	Reduced	NA
Root burn	No	Yes	NA
Leaf burn	No	Yes	NA
Balanced nutrient supply	Balanced	Erratic	NA
Biological Activity	Improved mobilization of nutrients	Reduced	NA
Phosphorus	Enhances colonization of mycorrhizae, which improves P supply to plant	Intake is erratic	NA
Soil Structure	Enhanced leading to better root growth	Not enhanced	NA
Buffering Acidity	Buffers acidity	No	NA
Buffering Alkalinity	Buffers Alkalinity	No	NA
Micro nutrients	Enhances intake	Not available	NA
Micro nutrients retention	Yes	No	NA
Micro organism	Sustains and enhances	Does not sustain	NA
Earth worm	Sustains and enhances	Does not sustain	NA
Fungi	Sustains and enhances	Does not sustain	NA
Soil borne diseases	Minimizes	Does not help	NA
Air borne diseases	Minimizes	Does not help	NA
Effect of heavy rains	Minimal changes	Nullifies	NA
Nutrient release	Consistent	Inconsistent	NA
Long term effect	Soil fertility enhanced	Soil looses fertility	NA
Plant growth	Constant	Variable	NA
Change in weather	Minimal effect	Can be disastrous	NA
Stunted growth	Minimal effect	Possible	NA
Yield of desired product	Constant	Subjected to variation	NA
Quality of yield	High	Average	NA
Life span of Produce	Extended	Average	NA

FAQ - FREQUENTLY ASKED QUESTIONS

- What is it: · Is your product a fertilizer ? No it's a soil conditioner.
- Why do you call it soil conditioner ? Our product enriches the soil with required natural minerals to create a helpful and or conducive state of environment for plant growth. It boosts both nutrient efficiency and organic matter content in the soil.
- What form ? Powder.
- Do you have different products for various crops ? No our product is balanced with required minerals and is generally suitable for all types of soil.
- If it is mineral enriched soil, can we plant seeds directly in your product ? Yes you can plant seeds directly, but it is not advisable as cost of cultivation goes up.
- Is it organic ? It is organic as the contents are combination of natural minerals.
- How do we test, that it is organic ? You can grow few plants in a pot using only our product and test the plant & yield to confirm its authenticity. Note: do not mix any other soil which may contaminate the plant intake and also test quality of water, used for watering the plants.
- Do we need to increase or decrease the application over a period of time ? It will decrease on multiple applications as the farm becomes more fertile and gets stabilized.
- Does your product play any additional role ? yes our product has capacity to retain water and keep the surrounding area cooler and nutrients are released in sustained manner as per the dynamic needs of the plant, thus making the plants healthy & robust.
- What if the farm is having excess or reduced nutrients in specific area? Farmer can provides us soil test report, based on which we can tailor make our product to meet shortfall in soil or for specific crops. Such requirements may kindly be discussed with manufacture directly.
- Test reports ? Test reports are available on the web site.

APPLICATION :

- How should I use it ? You can use it while tilling or spread it by tractors or sprinkle it with hands or you can mix it with water & spread it in farms.
- How to apply in farm land ? You can use the total quantity for the entire tenure of the crop at once while preparing the land, or while seeding or after seeding. Thus reducing labor cost. Alternatively you can apply in parts as usual.
- Will your product work for entire tenure of 9 months for sugar cane or in some cases like Mango's where the crop is on yearly basis ? Yes our product is suitable for single application preferably at the start of planting for better results and our product sustains for entire tenure.
- How can you use all required material at once? Our product has been designed for slow release of nutrients in response to the dynamic needs of plants.
- What will happen if it rain heavily after total application ? if the top soil is carried away due to heavy rains, our product is lost along with it. In such fields, it is advisable to apply in parts.
- What happens if your product falls on leaf or roots directly ? Our product does not harm in any way because our product is neutral in nature.
- What if we use excess ? It does not harm the plant, as you can grow any plant directly in our product, but cost of cultivation goes up.
- What if we use less ? the plant will be under nourished.
- How much should we use & when? Generally apply same quantity as you were earlier applying other products and at the same time.
- Every land is different so how do we know what quantity to apply? To know the real potential of your field for any particular crop, mark small area and test run using, different quantities of the product. Thus you can conclude quantity, cost and its benefits.

WATERING THE FIELDS:

- Chemical based fertilizers need heavy watering after application, how much water is needed for your product? It would be similar as that of general fertilizers.
- What if the farmer is unable to water his farms after application? Our product does not harm the plant in such event. Yet for better results it is advised to water the crops after application as early as possible.
- What are the effects of excess water in the field? Our product efficacy is not lost in the event of water logging, until and unless it is washed away.
- Effects of water logging? Our product efficacy is not lost in the event of water logging.
- What are effects in the event of hot or cold season? our product does not create stress in such events.
- Can it be used in drip irrigation? No this product cannot be used in drip irrigation.

COMBINING WITH OTHER:

- Can we use conventional organic fertilizer with your product? Yes our studies have shown that use of organic fertilizer preferably farm waste and the like in combination with our product yield good results.
- What quantity is to be used? It is similar quantity as that of chemical based fertilizer should suffice to give similar results. Yet the farmer may try out variation by in small patches and decide upon the matter.
- What other fertilizers are required to be used with your product? If the farmer uses required quantity of our product, then we do not need any chemicals based fertilizers.
- Can we use your product along with chemical based fertilizers? There is no harm in using it, the farmer may try out different combinations to suit his crop and fields.
- How can we compare? Use our product independently to know the difference on output and cost of cultivation.

SOIL IMPROVEMENT:

- How do you improve soil? Our product carries required natural nutrients which nurture the soil with organic matter that reduces dependency on chemical inputs.
- What do natural minerals do? They restore depleted mineral content and maintain soil fertility to nurture plant growth.
- Does it enhance biological activity? Our product enhances biological activity and biodiversity of soils, it decomposes organic material to its essential elements. thus improve the efficiency of nutrient use to produce more robust crops, thus help enhancing the quality attributes of produce as well as yield.
- Does it improve organic matter? Our product enhances organic matter in soil.
- What if the lands are alkaline or acidic? Our product is Neutral (7 pH) by nature, it helps, to sustain, thrive and enhances the microorganisms, decompose other available organic material to its essential elements. which naturally balance the soil.
- Can we use your product in fields which were earlier over fertilized, over exploited and have now become barren? Yes even in such fields our product has shown excellent results. We suggest increase usage, slightly higher dosage for such barren land in the initial year.

INDICATOR OF HEALTHY PLANTS IN FIELD.

- One method is to measure sugar in plant, understand brix level. As a generality plants having 12+ brix, naturally become pest and disease free and considered healthy.
- Reduction of grass & weed in healthy farms, having robust plants, is clearly evident, as the insects cannot feed on healthy plants, they migrate to feed on surrounding vegetation like grass, weeds etc. Thus making the enemy our friend.
- The plants which are healthy exhibit glossy shining surface, due to production of oleochemicals. These oils are natural pest repellent produced by the plants.
- The field will be free from dead leaves, dead insects or birds as the fungi and bacteria are able to convert them into plant usable nutrients.
- The soil starts becoming soft and spongy.

ENVIRONMENTAL IMPACT:

- What are the impacts on environment? Our products do not have any impact on the ecosystem as all the ingredients are from natural sources.
- What happens if it leaches or spreads in surrounding environment? It does not have any negative impact to surrounding region.
- Why & How your product will not have negative impact? Minerals are stable by nature, it is their basic nature, hence do not react to water / air like fast acting chemical / synthetic fertilizer. Thus even if they spread they are mainly utilized by natural organism to break them down which is healthy as they survive and enhance the health of soil.
- Does your product help in reducing earlier impact of excessive usage of pesticide, weedicide or chemical fertilizers? Our product reduces earlier soil negative impacts and the results can be seen on multiple applications over a period of time as the soil health improves.

VISIBLE RESULTS:

- Will there be delay in results? Yes in comparison with chemical based fertilizers by about two weeks.
- Why the delay? We allow nature to convert the mineral naturally for plant uptake while allowing the soil health to improve simultaneously.
- Will such delay be reduced? Yes after minimum 3 to 4 application, and soil health is robust.
- When can the results be seen in farms? Visible results can be seen after 4 weeks of application and major changes can be seen after multiple application.
- How will the final produce be? Farmers have reported the yield to be fully grown, glossy, and consistent in size, weight, taste better, have natural aroma and have longer shelf life.

PACKING 1 KG / 50 KG / Jumbo bag



KHUBA AGRO PRODUCTS

AFFORDABLE OPTION TO A SUSTAINABLE FARMING & AN INVESTMENT FOR FUTURE OF MANKIND.

PEST REPELLANTS

Plant extracts, to support regain health of plant & soil. Helping to build natural resistance & robustness from within for plants, in the event of stress.

[NATURAL HORTICULTURE OIL](#)

GROWTH PROMOTER

To boost an all round development of the crops by regulating their metabolic activities from root to the leaves, in the event of stress.

[GROWTH PROMOTER](#)

DESERT / ARID LANDS FARMING

To provide all round nutrients to plant & to save water simultaneously.

[DESERT FARMING](#)

HELPFUL INFORMATION

[SOIL HEALTH IMPORTANCE](#)

[SOIL & HUMAN HEALTH](#)

JOIN US ON SOCIAL MEDIA

Our happy Farmers videos, contact number to understand efficacy of Khuba products.

[FACE BOOK](#)

[YOU TUBE](#)

K.F.E.P.Industry - Agri Division

60, Khuba Plots, Kalaburgi 585102. Karnataka. India.

Phone: 91 - 8472 - 256499, 256492, 256455.

WhatsApp / Signal / IMO / Mobile: 91 - 9886700016 - 9590000959 - 9739990309 - 9886656013.

Email: korvigroup@gmail.com & emailrethink@gmail.com Web site: www.khuba.in