
ENRICH SOIL
CONDITIONER
Enrich
Soil
Conditioner
Enrich
Soil
Technologies
Total bacterial count
4 Trillion + per ml
4000000000000
Enrich
Bio-soil
CONDITIONER
SAVE
SOIL

About Us

Enrich Soil Technologies

We are a Pune based organization having an innovative green technology for soil conditioning and to overcome issues of lower crop productivity, soil fertility and soil salinity. Since 2022 we were working on a technology that helps the reclamation of soil and increases the hope of revolution to sustainable soil health.

The solution we present to you is **Enrich Soil Conditioner**

Todays Agriculture Condition

Environmental & Agricultural Concerns

- Excess use of Chemical Fertilizers
- Excess use of Herbicides
- Excess use of Pesticides
- Over Irrigation & water hardness
- Wrong Cropping Pattern
- Imbalanced Nutrition of SOIL
- High Salinity in the Soil
- Erosion of soil
- Un-seasonal Rainfalls
- Depletion of Ground water Levels
- Decreased Porosity of soil
- Low Productivity of CROPS

Enrich Soil Conditioner

Enrich Soil Conditioner is a highly concentrated bio-organic solution which consists variety of **diversified micro organisms**, soil friendly bacteria's, bio pesticides and soil friendly fungus along with necessary nutrients which is essential for **Bioaugmentation & Bio stimulation process.**

The soil is introduced with Enrich Soil Conditioner along with water which balances the microbial population of the soil and also increases the **ORGANIC CARBON** of the soil leading to increased productivity.

It has the **Highest total bacterial count** of **4 Trillion per ml.**

- FCO Standards – Total Bacterial Count – 1 x 10,00,00,000
- Enrich Results - Total Bacterial Count – **4 x 10,00,00,00,00,000**

Benefits of using Enrich Bio-soil Vitalizer

- Increases the soil fertility
- Increases porosity of the soil
- Increases water retention capacity of the soil
- Increases uptake of water & nutrients to the crop
- **Increases ORGANIC CARBON** of the soil in 100 days
- **Increases productivity as well as the quality of the crops**
- Reduces toxic elements and the salinity of the soil
- Creates habitable conditions for **EARTHWORMS**
- Balances soil pH and maintains soil EC

Organic Carbon & Its Importance

Soil organic carbon is a measurable component of soil organic matter.

Soil organic carbon (SOC) is a major contributor to overall soil health, agriculture, climate change, and food solutions.

- It is a natural energy storage, derived from soil organic matter and considered a **highly valued earth's biopolymer.**
- SOC improves soil biological, chemical, and physical properties, water-holding capacity, and structural stability. It plays an integral part to the formation of soil's organic acids key to soil minerals dissolutions and availability to plants and nutrient leaching.

E.B.S.V *Increases* Organic Carbon

Shahaji Khotare

- Shrigondha,
- Ahmednagar,
- Maharashtra

- ORGANIC CARBON
- **Before** Treatment **0.59**

- ORGANIC CARBON
- **After** Treatment **1.73**

MAHARASHTRA RAJYA DRAKSHA BAGAITDAR SANGH, PUNE
Research & Training Center
Manjri Farm Laboratory
Pune – 412 307
E-mail: mrdbslab@yahoo.in

Issued to: Shahaji Zhumbar Khothare	**Date : 13 /07/2020** o/w no. mrdbs/lab/69
A/P: Belwandi Kothar	**Lab No - 44 Mob. no. 7448130404**
Tal: Shrigonda	Sample received in Lab. - 11.07.2020
Dist.: Ahamadnagar	Receipt No. -3555
Identification : Gat No. 252 Pomengranete	Date -11.07.2020 Amount -2100/-

SOIL ANALYSIS REPORT

Parameter (Methods)	Unit	Optimum level	Analysis Value	Remark
pH (1:2.5 water) (सामू)	--	6.51 – 7.50	7.42	Optimum
E.C. (1:2.5 water) (विद्युत वाहकता)	dSm^{-1}	< 1.00	0.26	Low
$CaCO_3$ (Titration) (चुना)	%	1.00 – 3.00	14	High
Organic carbon (Walkley & Black) (सेंद्रीय कर्ब)	%	0.41 – 0.60	0.59	Optimum
Primary Nutrient				
Av. N (Alkaline $KMnO_4$ method) (उपलब्ध नत्र)	Kg / ha	281 – 420	139	Low
NO_3 – N (नायट्रेट - नत्र)	ppm	10 – 20	18.33	Optimum
Av. P (Olsens Method) (उपलब्ध स्फरद)	Kg / ha	14.01 – 21.00	15.79	Optimum
Av. K (NH_4 - Ac) (उपलब्ध पालाश)	Kg / ha	151 – 200	448	High
Secondary Nutrient				
Av. Calcium (कॅल्शियम)	ppm	500 – 1000	5850	High
Av. Magnesium (मॅग्नेशियम)	ppm	251 – 500	905	High
Av.S.(Barium Chloride Turbidimetory) (सल्फर)	ppm	11 – 50	11.99	Optimum
Micro Nutrient				
Av. Fe (DTPA Extr. – AAS) (लोह)	ppm	2.01 – 4.50	5.00	High
Av. Mn (DTPA Extr. – AAS) (मंगल)	ppm	1.01 – 2.00	2.08	Optimum
Av. Zn (DTPA Extr. – AAS) (जस्त)	ppm	0.51 – 1.00	0.79	Optimum
Av. Cu (DTPA Extr. – AAS) (तांबे)	ppm	0.21 – 1.00	1.64	High
Other Parameter				
Extr. Na (NH_4 - Ac) (सोडियम)	ppm	< 1000	520	Safe
Boron	ppm	0.3 - 0.5	0.29	Low
Extr. HCO_3 (बायकार्बोनेट)	ppm	180 – 250	107	Safe
Extr. Cl^- (Mohr's method) (क्लोराईड)	ppm	< 100	70	Safe

Low (कमी) Optimum (योग्य) High (जास्त)

(J.N. Kalbhor)
Laboratory Incharge

MAHARASHTRA RAJYA DRAKSHA BAGAITDAR SANGH, PUNE
Research & Training Center, Soil, Water, petiole testing Laboratory
Pune Solapur Road Manjri Farm
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Issued to:	**Kothare Shahaji Zhumbar**			**Date :**	26.07.2021
A/P:	Belwandi Khotar	**Lab. No.**	**384**	**Mob. No.**	7448130404
Tal:	Shrigonda		**Sample received in Lab**		23.07.2021
Dist.:	Ahmednagar			**Receipt No**	Manj/122
Identification :		**Date**	23.07.2021	**Amount**	1050/-

SOIL ANALYSIS REPORT

Parameter (Methods)	Unit	Optimum level	Analysis Value	Remark
pH (1:2.5 water) (सामू)	--	6.51 – 7.50	7.71	Alkaline
E.C. (1:2.5 water) (विद्युत वाहकता)	dSm^{-1}	< 1.00	0.38	Safe
$CaCO_3$ (Titration) (चुना)	%	1.01 – 3.00	10	High
Organic carbon (Walkley & Black) (सेंद्रीय कर्ब)	%	1.01 – 2.00	1.73	Optimum
Primary Nutrient				
Av. N (Alkaline $KMnO_4$ method) (उपलब्ध नत्र)	ppm	181 – 220	211	Optimum
NO_3 – N (नायट्रेट - नत्र)	ppm	10 – 20	19.12	Optimum
Av. P (Olsens Method) (उपलब्ध स्फरद)	ppm	51 – 75	31.95	Low
Av. K (NH_4 - Ac) (उपलब्ध पालाश)	ppm	451 – 600	290	Low
Secondary Nutrient				
Av. Calcium (कॅल्शियम)	ppm	1001 – 1500	5208	High
Av. Magnesium (मॅग्नेशियम)	ppm	501 – 750	1412	High
Av.S.(Barium Chloride Turbidimetory) (सल्फर)	ppm	21 – 50	256	High
Micronutrients				
Av. Fe (DTPA Extr. – AAS) (लोह)	ppm	2.51 – 5.00	2.01	Low
Av. Mn (DTPA Extr. – AAS) (मंगल)	ppm	2.01 – 5.00	2.61	Optimum
Av. Zn (DTPA Extr. – AAS) (जस्त)	ppm	2.01 – 4.00	1.35	Low
Av. Cu (DTPA Extr. – AAS) (तांबे)	ppm	0.41 – 1.00	2.83	High
Other parameters				
Extr. Na (NH_4 - Ac) (सोडियम)	ppm	< 1000	1000	Safe
Boron (Hot Water) (बोरॉन)	ppm	0.3 – 0.5	0.27	Low
Extr. HCO_3 (बायकार्बोनेट)	ppm	180 – 250	53.68	Low
Extr. Cl^- (Mohr's method) (क्लोराईड)	ppm	< 100	24.99	Safe
Ca/Mg	--	5.5 – 6.5	3.69	Low
Ca/K	--	12.5 – 13.5	17.96	High
Mg/K	--	1.5 – 2.5	4.87	High

Low (कमी); **Optimum** (योग्य); **High** (जास्त)

J. N. Kalbhor
Laboratory Incharge

E.B.S.V *Increases* Organic Carbon

Sandip Tapkir

- Hiradgaon
- Shrigondha,
- Ahmednagar,
- Maharashtra

- ORGANIC CARBON
- **Before**
- Treatment **0.08**
- **After**
- Treatment **0.52**

MAHARASHTRA RAJYA DRAKSHA BAGAITDAR SANGH, PUNE
Research & Training Center
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Pune – 412 307 E-mail: mrdbslab@yahoo.in

Issued to: Tapkir Sandeep Ramdas **Date : 13/07/2020** **Ow. No. mrdbs/Lab/65-3**
A/P: Hiradgaon **Lab No.- 43 mo. No. 7387850405**
Tal: Shrigonda Sample received in Lab. - 11/07/2020
Dist.: Ahamadnagar Receipt No.- 3556
Identification : Plot No. Grapes Date - 11/07/2020 Amount -2100/-

SOIL ANALYSIS REPORT

Parameter (Methods)	Unit	Optimum level	Analysis Value	Remark
pH (1:2.5 water) (सामू)	--	6.51 – 7.50	8.43	Alkaline
E.C. (1:2.5 water) (विद्युत वाहकता)	dSm^{-1}	< 1.00	0.19	Safe
$CaCO_3$ (Titration) (चुना)	%	1.01 – 3.00	20	High
Organic carbon (Walkley & Black) (सेंद्रीय कर्ब)	%	1.01 – 2.00	0.08	Low
primary nutrient				
Av. N (Alkaline $KMnO_4$ method) (उपलब्ध नत्र)	ppm	181 – 220	31	Low
NO_3 – N (नायट्रेट – नत्र)	ppm	10 – 20	9.63	Low
Av. P (Olsens Method) (उपलब्ध स्फरद)	ppm	51 – 75	7.05	Low
Av. K (NH_4 - Ac) (उपलब्ध पालाश)	ppm	451 – 600	102	Low
Secondary Nutrient				
Av. Calcium (कॅल्शियम)	ppm	1001 – 1500	3727	High
Av. Magnesium (मॅग्नेशियम)	ppm	501 – 750	624	Optimum
Av.S.(Barium Chloride Turbidimetery) (सल्फर)	ppm	21 – 50	8.33	Low
Micronutrients				
Av. Fe (DTPA Extr. – AAS) (लोह)	ppm	2.51 – 5.00	4.15	Optimum
Av. Mn (DTPA Extr. – AAS) (मंगल)	ppm	2.01 – 5.00	1.82	Low
Av. Zn (DTPA Extr. – AAS) (जस्त)	ppm	2.01 – 4.00	1.04	Low
Av. Cu (DTPA Extr. – AAS) (तांबे)	ppm	0.41 – 1.00	0.99	Optimum
Other parameters				
Extr. Na (NH_4 - Ac) (सोडियम)	ppm	<1000	740	Safe
Boron (Hot Water) (बोरॉन)	ppm	0.3 – 0.5	0.16	Low
Extr. HCO_3 (बायकार्बोनेट)	ppm	180 – 250	215	Optimum
Extr. Cl^- (Mohr's method) (क्लोराईड)	ppm	< 100	42	Safe
Ca/Mg	--	5.5 – 6.5	5.97	Optimum
Ca/K	--	12.5 – 13.5	36.54	High
Mg/K	--	1.5 – 2.5	6.12	High

J. N. Kalbhor
Laboratory Incharge

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Issued to:	**Tapkir Sandip Ramdas**			**Date :**	19.03.2022
A/P:	Hiradgaon	**Lab. No.**	**1609**	**Mob. No.**	7387850405
Tal:	Shrigonda			**Sample received in Lab**	15.03.2022
Dist.:	Ahmednagar			**Receipt No**	Manj/17616
Identification :	Plot No. 1	**Date**	15.03.2022	**Amount**	700/-

SOIL ANALYSIS REPORT

Parameter (Methods)	Unit	Optimum level	Analysis Value	Remark
pH (1:2.5 water) (सामू)	--	6.51 – 7.50	7.21	Optimum
E.C. (1:2.5 water) (विद्युत वाहकता)	dSm^{-1}	< 1.00	0.23	Safe
$CaCO_3$ (Titration) (चुना)	%	1.01 – 3.00	14.55	High
Organic carbon (Walkley & Black) (सेंद्रीय कर्ब)	%	1.01 – 2.00	0.52	Low
Primary Nutrient				
Av. N (Alkaline $KMnO_4$ method) (उपलब्ध नत्र)	ppm	181 – 220	64.00	Low
NO_3 – N (नायट्रेट – नत्र)	ppm	10 – 20	13.74	Optimum
Av. P (Olsens Method) (उपलब्ध स्फरद)	ppm	51 – 75	13.95	Low
Av. K (NH_4 - Ac) (उपलब्ध पालाश)	ppm	451 – 600	80	Low
Secondary Nutrient				
Av. Calcium (कॅल्शियम)	ppm	1001 – 1500	4896	High
Av. Magnesium (मॅग्नेशियम)	ppm	501 – 750	638	Optimum
Av.S.(Barium Chloride Turbidimetery) (सल्फर)	ppm	21 – 50	11.52	Low
Micronutrients				
Av. Fe (DTPA Extr. – AAS) (लोह)	ppm	2.51 – 5.00	4.78	Optimum
Av. Mn (DTPA Extr. – AAS) (मंगल)	ppm	2.01 – 5.00	2.55	Optimum
Av. Zn (DTPA Extr. – AAS) (जस्त)	ppm	2.01 – 4.00	1.5	Low
Av. Cu (DTPA Extr. – AAS) (तांबे)	ppm	0.41 – 1.00	1.89	High
Other parameters				
Extr. Na (NH_4 - Ac) (सोडियम)	ppm	< 1000	320	Safe
Boron (Hot Water) (बोरॉन)	ppm	0.3 – 0.5	0.15	Low
Extr. HCO_3 (बायकार्बोनेट)	ppm	180 – 250	146.4	Low
Extr. Cl^- (Mohr's method) (क्लोराईड)	ppm	< 100	76.68	Safe
Ca/Mg	--	5.5 – 6.5	7.67	High
Ca/K	--	12.5 – 13.5	61.20	High
Mg/K	--	1.5 – 2.5	7.98	High

Low (कमी); **Optimum** (योग्य); **High** (जास्त)

J. N. Kalbhor
Laboratory Incharge

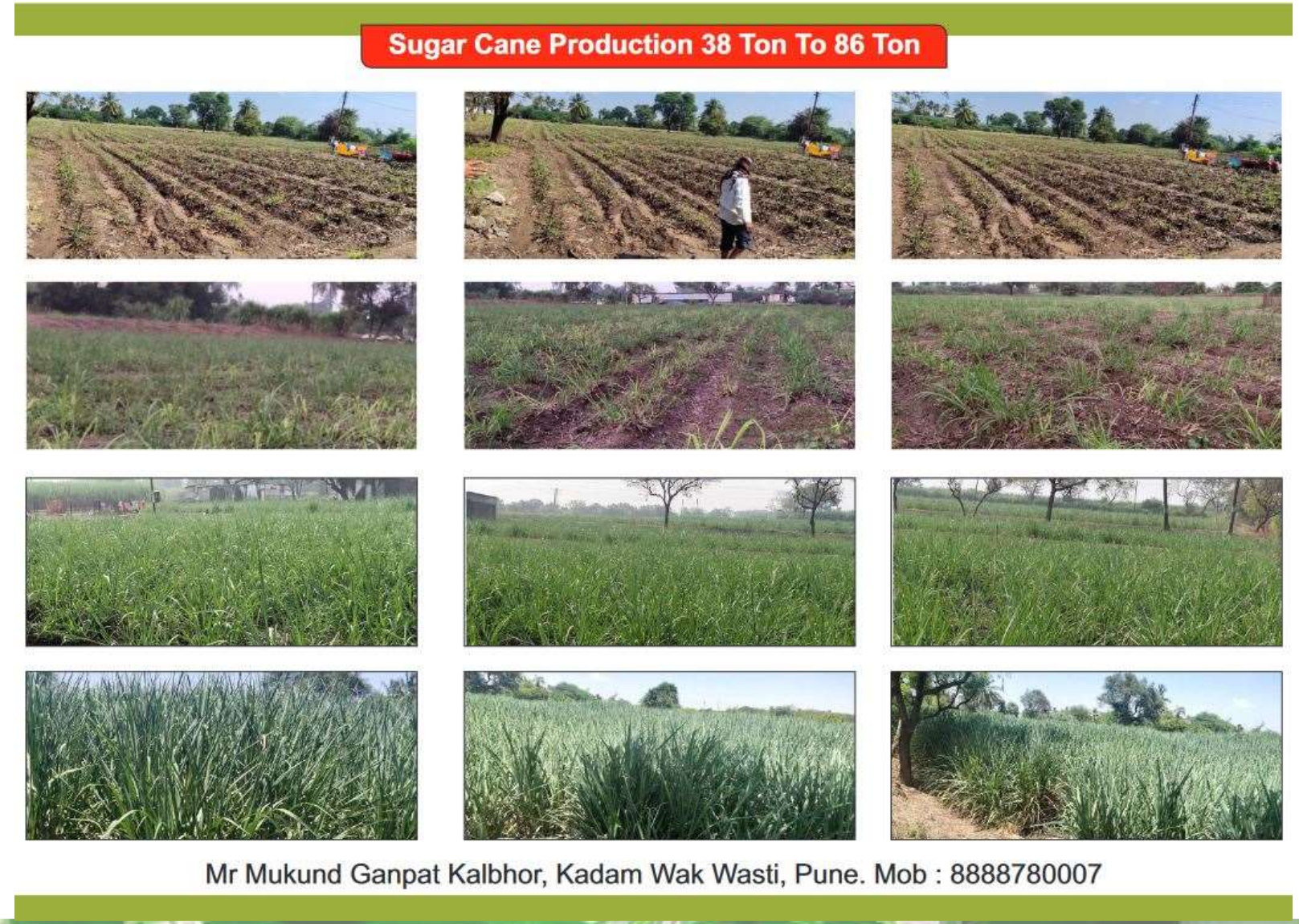
Testimonials

Mukund Kalbhor

- Kadam Wak Wasti,
- Pune,
- Maharashtra

- Sugar Cane Produce
- **Before**
- 38 Tons per Acre

- Sugar Cane Produce
- **After**
- 86 Tons per Acre



Testimonials

Avinash Dhokale, Shirur
- Tomato Produce
- Before – 55 Tons
- After - 90 Tons

Kaka Kamthe, Pune
- Ginger Produce
- Before – 15 Tons
- After - 21 Tons

Raju Tapekar
Kolhapur
- Jarbera Produce
- **30 % Extra**
- Quality Improved

Surendra Hemgude
Pune
- Chilly Produce
- Before–20 Tons
- After -35 Tons

For Further Information
Contact

Enrich Soil Technologies

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