

ORGANIC POTASH



PRODUCT DESCRIPTION:

Potash contains both nutrient potassium and humic acid, fulvic acid. Especially for the fulvic acid, its lower and smaller molecule makes it higher physical and biological activity available. This product is water soluble. Can be applied in fruit trees, agricultural crops horticultural plants etc. requirements and gives an additional advantage for organic farming.

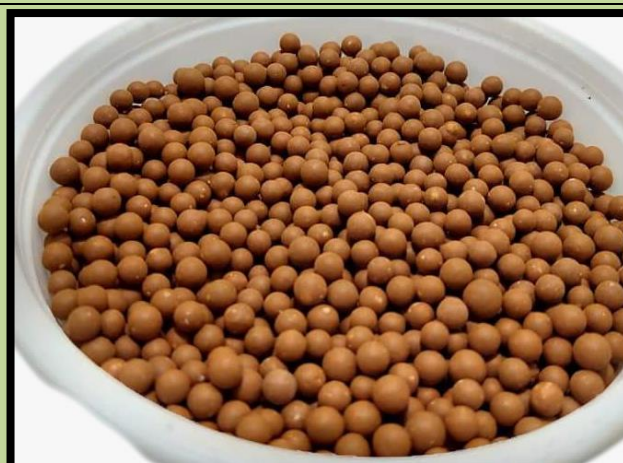
Source:

•The raw material is derived from the finest, richest, and purest source of sugar cane molasses. This potash source is natural, and this source contains a higher potash content as K₂O.

•Low levels of ash and heavy metals, such as lead, arsenic, and mercury meet the medical grade product.



**BROWN
POTASH
POWDER &
GRANULES
K₂O - 20%**



**GREY POTASH
POWDER &
GRANULES
K₂O - 15%**



Generally, synthetic fertilizer is a fast acting and cost-effective fertilizer, however long-term usage has a negative impact on soil and may damage or burn the plant. On the other hand, most, organic fertilizers are slow released type and cost much higher than synthetic fertilizers, but have a positive impact on plant and soil. The general advantage of PDM compared to most organic fertilizers is that the high content of fulvic acid allows plant to absorb the nutrients faster thus the absorption rate and cost is close to what synthetic fertilizers have.

Contact Detail: NO.44/A Onyx Building, 2nd Floor, MG Road, Udaygiri, Mysuru, Karnataka - 570019

Mobile: +91 9886470926, +91 9972757476

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Function:

1. Improve the yield and quality: The fruit enlarges rapidly, the unit weight of the fruit is larger, the size is larger, the appearance is brighter, the hardness is higher.
2. Prevent crop physiological diseases: such as lobular disease, rot disease, and umbilical rot.
3. Prevent premature aging of the crop and extend the fruit picking period by 15-20 days.
4. Strengthen the crop's resistance to stress: such as frost resistance, drought resistance, resistance to heavy weight.
5. Increases buffering properties of soil, retains water soluble fertilizers in the root zones and releases them to plants.

Features:

Extracted from the finest, richest, and purest source of high-grade molasses. Its superior solubility makes fast absorption and high utilization rate, easy diffusion, easy absorption, saving fertilizer and good for fruit coloring.

- High organic matter content without residues: It is beneficial to avoid soil acidification and rapid absorption. Not easy to cause soil compaction and balanced growth.
- Does not contain hormones and chlorine: Safe and efficient, correct nutrient deficiency, promotes balanced growth.
- Increase production, efficiency and quality: Improve products, match science and promote mutual absorption of nutrients, which is conducive to

Precautions:

- Do not mix with strong alkaline pesticides or herbicides.
- Stored in airtight dry place to prevent to form lumps.
- lumps does not affect fertilizer efficiency.
- Keep away from children and avoid eating.

Explanation:

1. When flushing, it is recommended to dissolve into high concentration liquid fertilizer and then irrigated with water. If for liquid fertilizer formulation, dissolve into water firstly, and then add fertilizer to speed up the dissolution rate
2. According to the reference ratio of water, top dressing cannot replace the base fertilizer.
3. General vegetable fertilizer summer - autumn interval 7-10 days, winter - spring interval 10-15 days.
4. The amount of topdressing fertilizer and interval time need to be comprehensively considered according to factors such as crop varieties, growth potential, soil fertility, base fertilizer usage, season, and cultivation methods.

Note: the detailed dosage should be adjusted according to the conditions of plants and soil.

Packaging: 10 kg, 20 kg, 25 kg per bag.

For bulk supplies: comes in old used bags.

Important Note: This material is Hygroscopic. we are not responsible if the material changes its physical properties while in transit or at the time of storage after the delivery.



NIKHIL

ANALYTICAL & RESEARCH PVT. LTD.

Opposite Sadhana Petrol Pump, Kolhapur Road, Sangli - 416 416 Maharashtra (Bharat)

• Email : nikhil_lab@yahoo.com

• Phone : +919552574418

CERTIFICATE OF ANALYSIS

Ferti/20-21/S*				22/02/2021
Name/Organization				
Sample Description				
Sample Collected By	Customer	Sample Received on	16/02/2021	
Sample Analyzed By	Smt. Aishwarya	Analysis Completed on	22/02/2021	

Sr.	Parameter	Unit	Value
1.	pH (5% Solution)	-	09.16
2.	Electric Conductivity (5% Solution)	mmhos/cm	10.20
3.	Moisture	%	05.40
4.	Silica (on Dry Basis)	%	10.15
5.	Organic Carbon (on Dry Basis)	%	19.67
6.	C/N	-	13.02
7.	Total Nitrogen (on Dry Basis)	%	01.51
8.	Phosphorous (as P ₂ O ₅) (on Dry Basis)	%	00.20
9.	Potassium (as K ₂ O) (on Dry Basis)	%	17.70
10.	Calcium (on Dry Basis)	%	06.45
11.	Magnesium (on Dry Basis)	%	02.01
12.	Sulphur (on Dry Basis)	%	03.04
13.	Iron (on Dry Basis)	%	01.21
14.	Manganese (on Dry Basis)	ppm	155.84
15.	Zinc (on Dry Basis)	ppm	29.66
16.	Copper (on Dry Basis)	ppm	12.66
17.	Boron (on Dry Basis)	ppm	02.86
18.	Molybdenum (on Dry Basis)	ppm	03.01
19.	Aluminium (on Dry Basis)	%	00.84
20.	Fluoride	ppm	162.44
21.	Calorific Value (A. D. B.)	Kcal/Kg	1573
22.	Chloride (on Dry Basis)	%	10.81

Analyst / Lab In-Charge

Managing Director
Nikhil Suhas Khambe
B.Tech (Bio-tech)



Note :- The report can not be used for court purpose. we are not responsible for any legal matter.

FOOD, FEED, WATER, SOIL, PLANT MATERIAL, ORGANIC MANURE, CHEMICAL- BIOLOGICAL FERTILIZER, PGR, AYURVEDIC & PHARMACEUTICALS, INDUSTRIAL MATERIAL, SOLID WASTE, WASTE WATER, AIR POLLUTION, ENVIRONMENTAL MONITORING & ETP CONSTRUCTION.

AGMARK Approval No. Q-11036/8/2011/Lab From Ministry of Agriculture, Department of Marketing & Inspection, Govt of India & State Govt. Approved for Soil & Water Analysis (SNG/STLR No. 1207/2012), Approved for Fertilizer Testing.

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ISO 9001-2008 CERTIFIED

Central Govt. Approved for AGMARK



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Ferti/20-21/				22/02/2021
Name/Organization				
Sample Description	RP-02			
Sample Collected By	Customer	Sample Received on	16/02/2021	
Sample Analyzed By	Smt. Aishwarya	Analysis Completed on	22/02/2021	

Sr.	Parameter	Unit	Value
1.	pH (5% Solution)	-	09.10
2.	Electric Conductivity (5% Solution)	mmhos/cm	10.44
3.	Moisture	%	05.30
4.	Silica (on Dry Basis)	%	09.71
5.	Organic Carbon (on Dry Basis)	%	19.77
6.	C/N	-	13.02
7.	Total Nitrogen (on Dry Basis)	%	01.52
8.	Phosphorous (as P ₂ O ₅) (on Dry Basis)	%	00.21
9.	Potassium (as K ₂ O) (on Dry Basis)	%	17.67
10.	Calcium (on Dry Basis)	%	05.42
11.	Magnesium (on Dry Basis)	%	01.96
12.	Sulphur (on Dry Basis)	%	03.00
13.	Iron (on Dry Basis)	%	01.25
14.	Manganese (on Dry Basis)	ppm	135.53
15.	Zinc (on Dry Basis)	ppm	44.96
16.	Copper (on Dry Basis)	ppm	12.81
17.	Boron (on Dry Basis)	ppm	09.25
18.	Molybdenum (on Dry Basis)	ppm	02.40
19.	Aluminium (on Dry Basis)	%	00.84
20.	Fluoride	ppm	90.99
21.	Calorific Value (A. D. B.)	Kcal/Kg	1587
22.	Chloride (on Dry Basis)	%	11.53

[Signature]
Analyst / Lab In-Charge

[Signature]
Managing Director
Nikhil Suhas Khambe
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LILABA

ANALYTICAL LABORATORIES

A COMPLETE FOOD & WATER TESTING LABORATORY



Report No. LAL-NN-10

TEST REPORT

Page No. 1/2

Issued To	Sample Code	: NN-100221016-N
	Issue Date	: 15/02/2021
	Your ref.	: Growth Booster

PART A : PARTICULARS OF SAMPLES

1. Date of Receipt	: 10/02/2021	16. Sample Drawn By	: Customer
2. Analysis starting Date	: 10/02/2021	17. Sampling Method	: --
3. Analysis completion Date	: 12/02/2021	18. Sampling Location	: --
4. Batch No./Lot No	: --	19. Brand Name, If Any	: Adyant Growth Promoter
5. Date of Mfg.	: N.M.	20. BIS Seal	: Not Applicable
6. Date of Expiry	: N.M.	21. IO's Signature	: Not Applicable
7. Group Name	: Fertilizer		
8. Sample Name	: Fertilizer		
9. Description of the Sample	: --		
10. Test Report As Per	: --		
11. Sample Qty. Received	: 1		
12. Any Other Information	: --		
13. Declared Value if any	: --		
14. Grade/Variety/Type/Class/Size/etc	: 1 kg		
15. Mode Of Packing	: Packed in Plastic Bag		

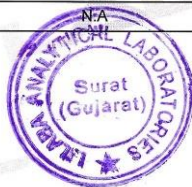
PART B : TEST RESULTS

Fertilizer

Chemical Testing**Chemical Parameters**

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
1	C:N Ratio	N.A	0.50	11.33	FCO 1985
2	Potassium (as K), % by mass	N.A	0.01	20.55	FCO 1985
3	pH, (10 % Solution)	N.A	-	6.95 at 25.1 Degree	Potentiometry
4	Total organic carbon (TOC), % by Mass	N.A	0.00050	31.85	FCO 1985
5	Conductivity, micro s/cm	N.A	1.00	4.517	FCO 1985
6	Zinc (as Zn), mg/kg	N.A	0.50	141.8	FCO 1985
7	Manganese (as Mn), mg/kg	N.A	2.50	356.4	FCO 1985
8	Nitrogen (N2), % by mass	N.A	0.10	2.81	FCO 1985
9	Magnesium (as Mg), %	N.A	0.01	0.38	FCO 1985
10	Sulphur (as S), %	N.A	0.01	0.19	FCO 1985
11	Phosphorous (as P), % by mass	N.A	0.10	33.56	FCO 1985
12	Iron (as Fe), mg/kg	N.A	1.00	784.6	FCO 1985
13	Copper (Cu), mg/kg	N.A	0.50	158.3	FCO 1985
14	Moisture, %	N.A	0.10	2.12	FCO 1985

Pooja
Checked By



Mr. Dilip Kukadiya
Authorised Sign

Address: 2nd Floor, Galaxy Point, Above Hotel Amiras, Opp. Animal Zoo, Sarthana Jakatnaka, Varachha Road, Surat-395006. (Guj.) India.

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Report No. LAL-NN-10C

TEST REPORT

Page No. 2/2

15	Boron (as B), mg/kg	N.A	0.50	3.58	FCO 1985
16	Molybdenum (as Mo), mg/kg	N.A	2.50	8.57	FCO 1985
17	Calcium, (as Ca), %	N.A	0.01	0.18	FCO 1985
18	Aluminium (as Al), mg/kg	N.A.	0.50	12.7	ICP-OES
19	Fluoride (as F), mg/kg	N.A.	0.50	BLQ	IS 3025 (Part-60)
20	Silica, %	N.A.	0.50	3.63	IS 2720 (P-25)
21	Fulvic Acid, %	N.A.	0.10	3.83	ISO 19822

REMARKS :

Nil

NOTE :

Please Refer Overleaf

END OF THE TEST REPORT

Pooja
Checked By



Dilip
Authorised Sign
Mr. Dilip Kukadiya

Add : 2nd Floor, Galaxy Point, Above Hotel Amiras, Opp. Animal Zoo,
Sarhana Jakatnaka, Varachha Road, Surat-395006. (Guj.) India.

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