

MD-GYPSUM 100 Agriculture Gypsum



# MD-GYPSUM 100

## Agriculture Gypsum



ISO 9001:2015  
CERTIFIED  
QUALITY MANAGEMENT SYSTEM  
970424A



ISO 14001:2015  
CERTIFIED  
ENVIRONMENTAL MANAGEMENT SYSTEM  
970424B



ISO 45001:2018  
CERTIFIED  
OCCUPATIONAL HEALTH & SAFETY  
MANAGEMENT SYSTEM  
970424C



Improves soil reclamation.  
Removes salt crust from soil.  
Improve soil quality.  
Balances soil pH.  
Increases crop production.  
Non-toxic  
Easy to handle natural material.  
Environment friendly.



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Mada Trade co.



## PRODUCT DESCRIPTION

Agricultural Gypsum is used in a variety of applications including as a carrier for horticultural dressings, as a mushroom composting ingredient, as a soil improver and in land reclamation after saltwater flooding.

## PRODUCT BENEFITS

- Improves soil reclamation.
- Removes salt crust from soil.
- Improve soil quality.
- Balances soil pH.
- Increases crop production.
- Non-toxic
- Easy to handle natural material.
- Environment friendly.

## APPLICATIONS

Agricultura



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## TECHNICAL INFORMATION

<i>Calcium Oxide</i>	<i>CaO</i>	<i>31.94%</i>
<i>Magnesium Oxide</i>	<i>MgO</i>	<i>1.00%</i>
<i>Silica</i>	<i>SiO<sub>2</sub></i>	<i>0.28%</i>
<i>Aluminium Oxide</i>	<i>Al<sub>2</sub>O<sub>3</sub></i>	<i>0.02%</i>
<i>Iron Oxide</i>	<i>Fe<sub>2</sub>O<sub>3</sub></i>	<i>0.04%</i>
<i>Sulphate</i>	<i>SO<sub>3</sub></i>	<i>44.58%</i>
<i>Purity</i>	<i>CaSO<sub>4</sub>-2H<sub>2</sub>O</i>	<i>95.85%</i>
<i>Crystal water</i>		<i>20.70%</i>
<i>Chloride</i>	<i>Cl as (Na Cl)</i>	<i>0.008%</i>
<i>Moisture (Free Moisture)</i>		<i>0.54%</i>
<i>Fineness</i>		<i>70-200 Mesh</i>

## INSTRUCTIONS FOR USE

Application Guide for Clay Soils: For heavy clay soils, an application rate of approximately 500g per square meter is required which can be applied by hand or by lime spreader. For best results, the gypsum should be well mixed with the top 5 cm of soil, which should give an improved soil structure helping aeration and drainage and also improving plant growth.

Calculated minimum content of nutrients (% by weight):

Containing Sulphur Trioxide (SO<sub>3</sub>): >35% - (Elemental Sulphur (S)) > 14%

Containing Calcium Oxide (CaO): >25% - (Elemental Calcium (Ca)) >17%



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## PACKAGING AND SHELF LIFE

	Packaging Available	Shelf Life (Month)
PP. bag / paper bag	20 kg / 25 Kg	24
Bulk Bag	1 Ton	24

When stored under dry conditions and in its original packaging, the product will have a specified shelf life that commences from the date of manufacture that is displayed on each sack. Shelf life depends on the packaging type. For those products where a defined 'best before' date is applicable, Best Before End followed by the date will be displayed on each sack.

## STORAGE

Plaster based products are not recommended for conditions where they are likely to be located externally or in any way subjected to weathering or excessive dampness.

Absorption of moisture can result in changes to physical properties, including a reduction in the set strength of plasters and also a lengthening of setting time.

Gypsum minerals can be affected by absorption of moisture and may change physical properties.

To help protect the product during use, open or part used bags should be carefully folded and closed. Each bag is date stamped and stocks should be rotated so that the oldest material is used first.





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