



Fertilizer Zone

AGRICULTURE GYPSUM DATA SHEET

PHYSICAL PROPERTIES	
Apparent Density (g/cm ³)	1.00
Bulk density (compacted) kg / m ³	1300
Bulk density (loose) kg / m ³	1000
Colour	off-white
Gypsum Hardness (MOH scale)	2
Mean particle diameter (microns)	30
Sieve Analysis (Mesh size and % weight retained)	20% at 150 μ m
Specific gravity of gypsum	2.32

Ever Bright agriculture gypsum specification

Calcium	22.4%
Sulphur	17.8%
Calcium Sulphur dehydrate (purity)	95%+
moisture	1.80%
Sieve analysis	
Passing through 1.8 inch(-)	100%
Passing through 4 mesh	34.0%
Passing through 100 mesh	22.1%
Passing through 200 mesh	100%

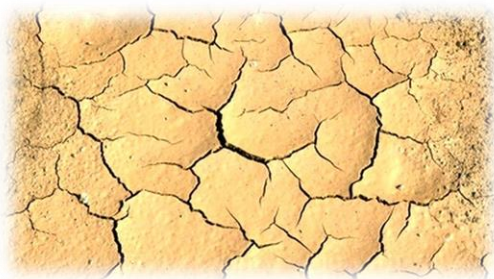
CHEMICAL PROPERTIES

Chemical Composition	CaSO₄.2H₂O
Chemical Name	Calcium sulphate dehydrate
Minimum gypsum purity %	95
Moisture Content %	Maximum 1
pH	7
Solubility of gypsum in water g / liter	2.1
Water of crystallization %	20



APPLICATION RATE

Benefit to soil and plants	Crops	application rate of gypsum(kg./hectares)
<ul style="list-style-type: none">-Increase calcium and Sulphur content in the soil.-Correct the surface soil crusting and poor water penetration as a result of heavy rain or irrigation.-Reduce the subsoil acidity.-Support the balance between magnesium, potassium and micronutrients.-Reduce the toxicity of nutrients in soil and plants.-Reduce the plant diseases affected to stems, roots and fruits.-Increase yield and quality of crops	-Fruits crops: grapes, orange, apple, citrus, lime, pineapple, cantaloupe, strawberry and tropical fruits.	300 - 650
	-Field crops: peanuts, soybean, mung bean, sesame, rice, corn, sugarcane, cassava, etc.	175 - 350
	-Tuber crops: potato, sweet potato, taro, etc.	175 - 350
	-Vegetables: various kind of edible leaves, pods and fruits.	175 - 350



Benefit to soil	purpose of applying	application rate of gypsum (kg./hectares)
<ul style="list-style-type: none"> -Combining effects of soil and organic matter increases the soil flocculation. -Increase the soil water absorption and infiltration rate. -Build up the nutrient balance between calcium and micronutrients. -Works together with water-soluble polymers, soil conditioners to become more effective. -Can enhance liming to correct soil acidity. -Reclaim sodic soils caused by accumulation of Sodium where the pH raised more than 8 (with exception for salt tolerant crops) 	<ul style="list-style-type: none"> -Rehabilitate and buffers soil pH to favorable condition of plant growth 	500.1300
	<ul style="list-style-type: none"> -Rehabilitate sodic soils or alkail soils caused by salt built up in the soil.* 	500.1300

Chemical Analysis	Guarantee
Gypsum {CA SO>4 ,21^0)	97.0 %
Calcium (Ca)	23.0 %
Sulphur (S)	18.0 %



Typical Chemical Composition

CaSO ₄ 2H ₂ O	94.60
CaSO ₄	2.76
Ca	22.6
S	18.1
MgCO ₃	0.38
SiO	0.14
Fe ₂ O ₃	0.03
Al ₂ O ₃	0.05
Combined Moisture	19.8

Typical Physical Properties

Specific Gravity	2.32
Moh Hardness	2.0
pH	7.5
Free Water (%)	0.05

Typical Particle Size Distribution

Customize your Particles size

Product Quality

Ever Bright Materials is vertically integrated in order to be in complete control of all materials and processes responsible for the production of our products. To be sure consistency is maintained, we continuously sample and analyze for purity, moisture, and particle size.

Customer Service

At Ever Bright, we have had a long and successful tradition of service as a supplier of gypsum to a diversity of industries, attesting to both our desire and ability to meet the needs of our customers. Our processing and grinding facilities offer easy access to customers. For special requirements, whether it's custom grinding, blending or shipping schedules, we stand ready to serve.

Packing available: 25 kg bag/ 1350 kg jumbo bag

