

# GYP SUM PRODUCTS



REGYP supplies numerous high quality mined and recycled gypsum products throughout NSW, VIC and QLD for industrial, agricultural and civil applications.

In this document we give a brief description of the products, their specifications and suitable applications.

Some of the applications that REGYP gypsum products have been used for are:

- Agriculture – canola, potatoes, lettuce, pasture, mushrooms, cotton, grapes, sugar cane, wheat, dairy, sorghum and golf courses;
- Industrial – Plasterboard manufacture & cement manufacture;
- Civil Works – Stabilisation, flocculation and rehabilitation works;
- Aquaculture – fish farm flocculation.

Regyp is located in Sydney, Brisbane, Melbourne and Cowra and can provide competitive transport rates for bulk loads up to B-doubles and also smaller orders down to bulk bags and pallets of 25kg bags.

Visit the website and news room for more information [www.regyp.com.au](http://www.regyp.com.au)

# SUPER AG GYPSUM

SUPER AG Gypsum is a high performance pre-digested source of calcium and sulphur suitable for agricultural applications. SUPER AG Gypsum is a recycled gypsum product, with purity comparable to premium grade mined gypsum at a reduced price. Super Ag Gypsum can be used as a cheaper substitute to premium grade mined gypsum for agricultural cropping applications, aerial applications, industrial uses and civil works.

## Product Qualities:

- increased solubility, up to 4 times more than other mined gypsum sources;
- lower applications rates (up to 15%) due to its much higher purity than most NSW mined gypsum sources, saving you money;
- its granular particles allow for ease of product flow and increased spread width, providing further application savings through increased spreading widths over mined sources (widths up to 20m); and
- its porous structure provides more surface area than conventional Ag gypsum sources. This means the gypsum will fully dissolve into the soil solution at a much faster rate and leave no un-dissolved gypsum particles.

## Product Specifications:

Product	Gypsum [% w/w]	Total Calcium [% w/w]	Sulphur (S) [% w/w]	Organics (Paper) [% w/w]
Super Ag Gypsum	90 +	23+	17+	1.5 max



*Lime, phosphate rock, compost and blends also available*

# SUPERSPREAD 10

SUPER SPREAD 10 gypsum is a recycled gypsum product, with purity comparable to premium grade mined gypsum at a reduced price. SUPER SPREAD 10 can be used as a cheaper substitute to premium grade mined gypsum for agricultural pasture applications and rehabilitation works. It is also suitable for applications where low gypsum application rates are required.

## Product Qualities:

- increased solubility, up to 3 times more than other mined sources;
- lower applications rates (up to 15%) due to its much higher purity than most NSW mined gypsum sources, saving you money;
- its medium sized granular particles allow for ease of product flow, increased spread width and application control with lower dust levels. Leading to further application savings through increased spreading widths over mined sources (widths up to 30m); and
- its porous structure provides more surface area than conventional natural gypsum sources. This means that the gypsum will fully dissolve into the soil solution quickly.

## Product Specifications:

Product	Gypsum [% w/w]	Total Calcium [% w/w]	Sulphur (S) [% w/w]	Organics (Paper) [% w/w]
SUPER SPREAD 10	90 +	23+	17+	2 max



*Lime, phosphate rock, compost and blends also available*

# SUPERSPREAD 20

SUPER SPREAD 20 gypsum is a recycled gypsum product, with purity comparable to premium grade mined gypsum at half the price. SUPER SPREAD 20 can be used as a cheaper substitute to premium grade mined gypsum for agricultural pasture applications and rehabilitation works. It is also suitable for applications where low gypsum application rates are required

## Product Qualities:

- increased solubility, up to 3 times more than other mined sources;
- lower applications rates (up to 15%) due to its much higher purity than most NSW mined gypsum sources, saving you money;
- its larger granular particles allow for ease of product flow, increased spread width and application control with lower dust levels. Leading to further application savings through increased spreading widths over mined sources (widths up to 30m); and
- its porous structure provides more surface area than conventional natural gypsum sources. This means that the gypsum will fully dissolve into the soil solution, but at a slower rate to Super AG Gypsum, which may be more suitable for lighter soils.

## Product Specifications:

Product	Gypsum [% w/w]	Total Calcium [% w/w]	Sulphur (S) [% w/w]	Organics (Paper) [% w/w]
SUPER SPREAD 20	89+	22.5+	16.8+	3 max



*Lime, phosphate rock, compost and blends also available*

# SUPER 6

SUPER 6 gypsum is a high performance, fast acting, pre-digested source of calcium and sulphur suitable for agricultural and industrial applications where a fine particle size is required. The gypsum is a recycled gypsum product, with purity comparable to premium grade mined gypsum at a reduced price. It has been used successfully in suspension with water for aerial applications and flocculation.

## Product Qualities:

- increased solubility, up to 4 times more than other mined gypsum sources;
- lower applications rates (up to 15%) due to its much higher purity than most NSW mined gypsum sources, saving you money;
- the smaller particle size means it is faster to dissolve into solution when compared to Super Ag Gypsum and SUPER SPREAD 20; and
- its porous structure provides more surface area than conventional natural gypsum sources. This means the gypsum will fully dissolve into the soil solution at a much faster rate and leave no un-dissolved gypsum particles.

## Product Specifications:

Product	Gypsum	Total Calcium	Sulphur (S)	Organics (Paper)
	(% w/w)	(% w/w)	(% w/w)	(% w/w)
SUPER 6 Gypsum	90 +	23+	17+	1 max



*Lime, phosphate rock, compost and blends also available*

# MINED GYPSUM

REGYP's Mined Gypsum is a premium gypsum product which is extracted from the best gypsum mines in Australia. It is suitable for applications where recycled gypsum products can not be used. REGYP mined gypsum can be used for every application from agricultural cropping applications, industrial uses and civil works. The recycled products have similar characteristics to the mined gypsum however the landed costs are quite different.

## Product Qualities:

- high purity,
- low salts,
- fine particle size.

## Product Specifications:

Product	Gypsum [% w/w]	Total Calcium [% w/w]	Sulphur (S) [% w/w]	Organics (Paper) [% w/w]
Mined Gypsum	93+	25+	17.3+	-



*Lime, phosphate rock, compost and blends also available*

# SUPERFLOCC

SUPERFLOCC is a fine ground mined gypsum product. The solution grade gypsum is suitable for industrial, agricultural cropping and civil applications. The gypsum can be mixed and applied in irrigation (flood, drip), to dams for flocculation (to reduce water turbidity) and many other applications.

## Product Qualities:

The solution grade product is a natural high purity gypsum with a particle size distribution designed for easy dissolution in both irrigation & pumping systems. It is a quick acting flocculant & soil ameliorator for dissolution in water and displacement of sodium in the soil, giving a readily available calcium & sulphur source.

## Product Specifications:

Product	Gypsum [% w/w]	Total Calcium [% w/w]	Sulphur (S) [% w/w]	Organics (Paper) [% w/w]
Solution Grade Gypsum	93+	25+	17.3+	-



*Lime, phosphate rock, compost and blends also available*

# ORG-GYP

ORG-GYP is a blend of organic matter (pasteurized organic soil conditioner) and high quality recycled gypsum. Org-Gyp contains nutrients, organic matter and moisture and when applied to land it can improve soil chemical and physical properties and enhance plant growth. ORG-GYP can be used for agricultural pasture, rehabilitation and some cropping applications, especially where cultivation or the addition of top soil is undertaken after the application. Application rates of up to 16 tonnes per ha can be achieved.

## Product Qualities:

- increased benefits from organics and gypsum in one application;
- the gypsum has a porous structure which provides more surface area than conventional Ag gypsum sources. This means that the gypsum will fully dissolve into the soil solution, much better than mined gypsum crystals of a similar size.

## Product Specifications:

Estimated chemical properties of the blends shown below. Other blends available to suit your application:

OrgGyp Blend	Total Calcium	Sulphur (S)	Organic Matte	N	P	K	Mg
	[% w/w]	[% w/w]	[% w/w]	[% w/w]	[% w/w]	[% w/w]	[% w/w]
70/30	8.8	5.17	48	1	0.3	0.6	0.14
80/20	6.7	3.48	54	1.2	0.3	0.7	0.16
90/10	4.6	1.8	61	1.35	0.4	0.7	0.18
95/5 - std	3.6	1	63	1.4	0.4	0.8	0.19
100/0	2.5	0.1	67	1.5	0.4	0.8	0.2



*Lime, phosphate rock, compost and blends also available*

# REHAB GYPSUM

REHAB Gypsum is a pre-digested source of calcium and sulphur suitable for land rehabilitation and remediation works. REHAB Gypsum is a recycled gypsum product, with purity comparable to mined gypsum at half the price.

## Product Qualities:

- Lowest cost source of calcium and sulphur ;
- Suitable for applications where soil cultivation will take place;
- Its porous structure provides more surface area than conventional Ag gypsum sources. This means that the gypsum will fully dissolve into the soil solution quickly, but the larger particles give a slow release so it will not wash away in the first rain event.

## Product Specifications:

Product	Gypsum	Total Calcium	Sulphur (S)	Organics (Paper)
	(% w/w)	(% w/w)	(% w/w)	(% w/w)
Rehab Gypsum	80+	22+	15.5+	10 Max



*Lime, phosphate rock, compost and blends also available*