



Superior products, Superior results

PRODUCTS



REGYP supplies numerous high quality agricultural & industrial 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's products have been used for are:

- ➔ Agriculture – Wheat, cotton, canola, potatoes, sugar cane, lettuce, pasture, mushrooms, grapes, 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, Bundaberg and Cowra and can provide competitive transport rates for bulk loads 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

SUPER AG GYPSUM

SUPER AG Gypsum is a high performance processed 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 lower 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 application rates (up to 15%) due to its much higher purity than most Agricultural 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 undissolved gypsum particles.

Product Specifications:

Product	Gypsum	Total Calcium	Sulphur (S)	Organics (Paper)
	(% w/w)	(% w/w)	(% w/w)	(% w/w)
Super Ag Gypsum	90 +	22.5	17+	1.5 max



Humates, manure, compost and blends also available

SUPER 6

SUPER 6 gypsum is a high performance, fast acting, processed 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 lower 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 application 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



Humates, manure, 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, such as aerial applications.

Product Qualities:

- Increased solubility, up to 3 times more than other mined sources;
- Lower application rates (up to 15%) due to its much higher purity than most Agricultural 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	Total Calcium	Sulphur (S)	Organics (Paper)
	(% w/w)	(% w/w)	(% w/w)	(% w/w)
SUPER SPREAD 10	90 +	22.5	17+	2 max



Humates, manure, compost and blends also available

REGYP Recycling Solutions - Ag Product Sales. 1300 473 497 www.regyp.com.au

SUPERFLOCC

SUPERFLOCC is an ultra 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 ultra fine gypsum 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.

Fine Ground Gypsum Product Specs:

Product	Gypsum (% w/w)	Total Calcium (% w/w)	Sulphur (S) (% w/w)	Sizing 98% Passing (um)
SuperFlocc - SFG	93+	22+	17.3+	90
SuperSol - SFGS	93+	22+	17.3+	110
AerialGyp - SFGA	93+	22+	17.3+	180
FineGyp - SFGF	93+	22+	17.3+	250



Humates, manure, compost and blends also available

REHAB GYPSUM

REHAB Gypsum is a processed source of calcium and sulphur suitable for land rehabilitation and remediation works. REHAB Gypsum is a coarse recycled gypsum product, with purity comparable to agricultural 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 then 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	75	18	14	10 Max



Humates, manure, compost and blends also available

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COMPOST BLENDS

ORG-GYP is a blend of composted 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. Application rates of up to 16 tonnes per ha can be achieved.

Product Qualities:

- A compost blend of natural materials, it is "NOT derived from Waste"
- Gypsum, peat, straw, chicken manure and other ingredients are blended to make a great product.
- increased benefits from organics and gypsum in one application;

Product Specifications:

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

OrgGyp Blend	Nitrogen % w/w	Phosphorus % w/w	Potassium % w/w	Magnesium % w/w	Calcium % w/w	Sulphur % w/w	Organic Matter
Standard	2.5	1.2	1.3	0.6	6.5	2.6	29



Humates, manure, compost and blends also available

CHICKEN & COW MANURE

The addition of organic matter via manure can have a sustained beneficial effect on the soil because it remains as a long term nutrient source for microbes and soil binding agents. The improvement in soil structure attributed to the added soil organic matter can reduce runoff and increase soil water storage and plant productivity.

The most important element for plant development is nitrogen in the soil. Nitrogen plays a major part in the development of chlorophyll and the associated green colour that plants have. It is responsible for lush, vigorous growth and the development of dense vegetation.

In organic farming, particular types of grasses or legumes in pastoral applications, cow manure and chicken manures are used to add nitrogen, carbon and other nutrients back into soil. "Feed the soil to feed the plant", don't just feed the plant. Since the 1950s, much of modern farming has become dependent on industrially manufactured fertilisers (not used in organic systems) to add nitrogen, phosphorous and potassium back into the soil.

Nitrogen applied in the form of manure fosters favourable soil microbes, which are indicative of healthy, fertile soil. Manufactured fertilisers infuse the soil with more nitrogen than the plants can use and the excess is washed into rivers and streams.

Chicken Manure

Chicken manure is great for a natural nitrogen addition with some added carbon and trace elements. Raw chicken litter can be a valuable resource to optimise pasture production.

Cow Manure

Cow manure contains the three main plant nutrients: nitrogen, phosphorus, potassium and trace elements as well as significant amounts of organic matter for your soil profile, improving water and nutrient holding capacity (CEC), soil structure and water-retaining capacity.



Humates, manure, compost and blends also available

HUMATES

Humates, which are composed of various forms of carbon, are a naturally occurring material that is very rich in humified organic matter and humic substances. Humates are now recognised as one of the single most productive inputs in sustainable agriculture.

The humates which we use for our products are brown coal or lignites and were formed some 20 million years ago. They are originally formed as peat from decomposed forests as plants became more and more compressed. Regyp humate contains almost 60% concentrated organic matter. The humates are highly water soluble so that the Humic Acid can properly move through the soil, chelate with other salts, minerals and fertilisers, stimulating microbial responses.

Product Qualities:

- Improve soil structure by promoting soil microbes
- Increase cation exchange capacity (CEC)
- Increase the water holding capacity and re-wet ability of soil
- Increase the effectiveness of applied fertilisers and has the potential to replace chemical fertilisers by up to 25%
- Provide plant resistance against stresses such as drought, frost, diseases etc.
- REGYP sells humates in raw fines, granular and liquid forms with the ability to blend minerals like soft rock phosphate and add liquid biology.



Humates, manure, compost and blends also available