

# Gypsum



RECYCLING WASTES AND  
BY PRODUCTS FOR  
USE IN AGRICULTURE  
AND LAND RESTORATION

**Gypsum is an alternative source of calcium and sulphur which also delivers the numerous soil conditioning properties that help to address problems associated with poor soil structure, soil nutrient balance issues and crop nutrient uptake efficiencies.**

4R Group produces Gypsum by processing plasterboard returns and clean scrap into a fine, consistent granular material with a specification which complies with the former PAS109 Quality Protocol Standards for use as an agricultural soil improver and conditioner.

Application rates can be tailored to suit the specific situation for use and problem that needs addressing, typical application rates can vary from between 1 – 10 t/ha. Application is achieved through conventional lime spreaders or moving belt machines.

- **Produced to former Quality Protocol Standard (PAS 109)**
- **Approx 20% Calcium**
- **Approx 31% SO<sub>3</sub>**

## Some of the benefits of using 4R Group Gypsum:

- Improves soil structure in damaged or compacted soils
- Improves water pathways
- Supplies calcium and sulphur
- Helps to balance soil nutrients
- Reduces capping in light soils
- Improves crop nutrient conversion efficiencies
- Improves photosynthesis and dry matter production
- Increases plant uptake and plant utilisation of N
- Reduces lodging risk in cereals and OSR
- Improves grass palatability
- Improves clover growth and viability
- Encourages micro flora and fauna in soils
- Increases stability of soil organic matter
- Helps control skin disease on root crops
- Improves soil shedding at harvest on root crops
- Improves soil water retention



4R PRODUCTS IS PART OF THE 4R GROUP  
INNOVATORS IN WASTE SCIENCE  
AND RECYCLING TECHNOLOGIES

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Our product leaflets are on our website.  
Find out more by scanning this QR code  
on your mobile device.