

TARCOWIE ROCK PHOSPHATE & CEREALS



Tarcowie Rock Phosphate (TRP) is a locally mined phosphate rock. It contains a wide ranging nutrient package of many of the critical elements for productive plant growth.

Whilst phosphorous underpins the value in a tonne of TRP, the total nutrient package has a value of over \$500/t (based on costings March 24). The table below outlines the product specifications.

	Total P	% Citric Soluble	[assays in percent]					[assays in mg / kg]			
			Ca	Mn	Fe	K	S	Cu	Zn	Co	Mo
Average	6.2	25.6	9.2	3.0	4.1	0.6	0.04	104.7	967.3	696.1	2.8
Max	8.5	35.0	14.4	6.2	5.2	0.8	0.07	150.1	1246.2	1198.6	4.4
Min	4.6	18.3	4.6	1.4	3.3	0.4	0.02	82.8	716.2	215.6	1.2

If growing cereals TRP has a place on your farm. Building base level fertility through addition of phosphorous and trace elements is a sound long term strategy as fertilizer supply and price is becoming more volatile as most products are imported. Seen as a product to complement your current fertilizer program TRP has a nutrient package containing mainly of the critical Trace Elements required for productive plant growth. Copper, Zinc, Iron and Manganese which are all found in TRP product, can have adverse effects on critical plant growth stages such as flowering and pollination **when in inadequate supply**. Adequate supply of trace elements has been found to assist the plant in overcoming the effects of some root diseases and herbicide residuals.

TRP can be applied by broadcast applications ahead of planting at 200-500kgs /ha. If using gypsum or chicken manure ahead of your crop it can be easily blended with TRP to allow one application pass. The product is stable once applied and can sit on the ground prior to the seasonal break with minimal losses.

TRP can be mixed and delivered to your property if required.

For more information contact: Simon Tarento 0477 966 088 or GEH Construction office 08) 8389 6472.