



ULTRAPHOS[®]

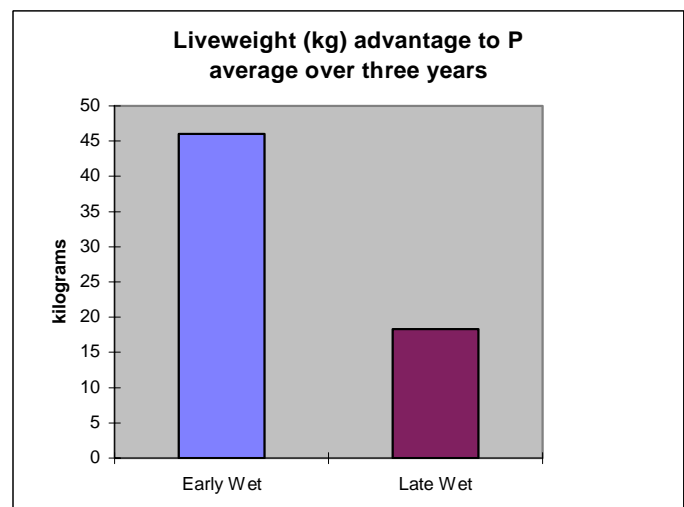
A palatable wet season phosphorus supplement for cattle throughout Northern Australia

During the wet season when cattle are chasing the lush green pick, phosphorus deficiency will restrict the potential of your herd.

- ◆ Weather resistant phosphorus supplement – requires no shelter
- ◆ Improves herd fertility eg. calving and weaning rates
- ◆ Reduces incidence of bone chewing
- ◆ Improves productivity leading to heavier calves, steers & cull cows
- ◆ Convenient and cost effective
- ◆ Ultraphos[®] should be put out just **BEFORE** the wet season, while the country is still accessible and to coincide with the break in the season, as phosphorus supplementation is most beneficial when the animals are actively growing.
- ◆ Blocks should be made available throughout the wet season. The unique formulation of Ultraphos[®] will protect it from the weather, while intake rates are controlled due to its hardness providing your stock with optimum levels of phosphorus. Cattle may “go off” the block as the first green pick appears, but if placed on high ground and near cattle camps they will return.
- ◆ Formulated to provide both urea and protein, Ultraphos[®] will ensure a continual response to grazing when pasture protein levels drop during the latter part of the wet.

Research Results from Feeding P during the Wet.

Recent research findings (Miller & Coates, MLA Report DAQ093) highlight the benefits of wet season supplementation on phosphorus deficient country in Qld. The results over three years showed a substantial improvement in live weight gains, ovulation rates, milk production and weaner growth rates when phosphorus is fed during the wet season. These findings are of immense potential economic benefit to cattle producers in Queensland. The highlights from these findings are detailed right.



Liveweight

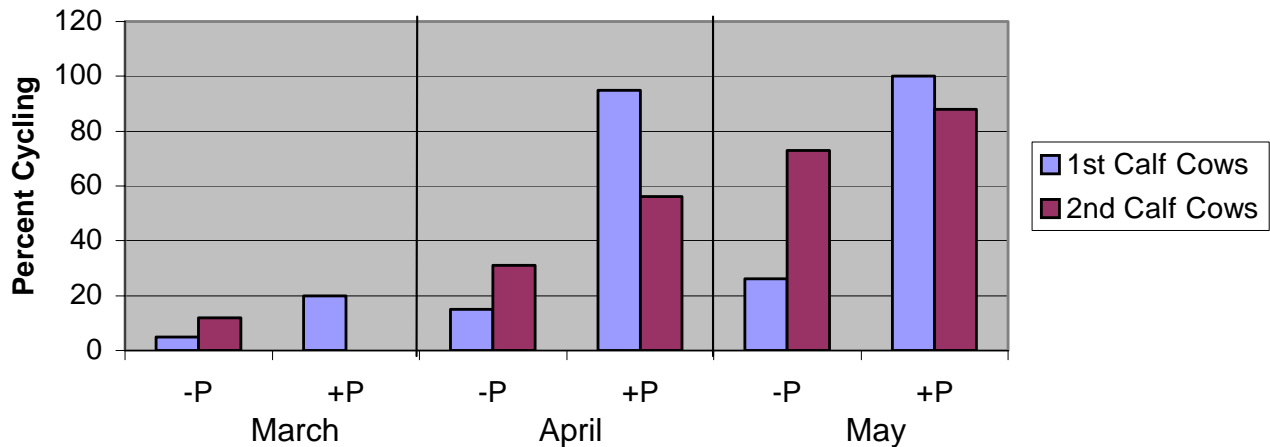
The graph above shows that over a three-year period the average liveweight (kg) benefits to wet season phosphorus supplementation was 46kg.

An important aspect of these results is the importance of phosphorus supplementation at the beginning of the wet season. If supplementation commenced late in the wet season the average weight gain was less than 20kg compared to weight gains of 46kg when supplementation commenced at the beginning of the wet season.

Fertility

Phosphorus feeding significantly improved the ovulation rate of first and second calf cows. See graph below. It is important to note that first calf cows were more responsive to phosphorus supplementation than second calf cows.

% of Cows Cycling on Fair Pasture +/- P Supplementation



In practical terms, this means that phosphorus feeding will significantly increase weaning rates.

Ultraphos® Analysis					
Phosphorus	5 %	Molasses	43 %	Manganese	5 mg/kg
Calcium	7 %	Max Salt	4.5 %	Zinc	8 mg/kg
Urea	5 %	Sulfur	2.5 g/kg	Iron	63 mg/kg
Protein Meal	5 %	Cobalt	67 mg/kg		
Crude Protein	16.2 %	Copper	36 mg/kg		

Ultraphos® Feeding Rates:

- ◆ A 15 kg block will last 10 head 15 days
- ◆ A 100kg block will last 100 head 10 days

To prevent overcrowding one block, irrespective of size, should be fed out per 30 head of cattle. Larger blocks increase the time interval between feedings.

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