



Look to blends for a better investment

Do you need to address a range of nutrients in your pastures? Jim Laycock and Lee Menhenett, technical agronomists with Incitec Pivot Fertilisers, have prepared this advice to help farmers with pasture fertiliser blends.

A lot of the time, several nutrients are needed in different amounts to address a pasture's nutrient limitations and promote growth.

Fertiliser blends can help you tailor the nutrient package to the individual requirements of the pastures.

These blends can be changed for different pastures, areas of the farm, or years, based on soil test values, critical nutrient levels and your objectives for the business.

What are some useful fertiliser blends?

SuPerfect® and Muriate of Potash can be effectively blended at ratios of between 1:1 and 5:1 and have long been used by graziers to supply phosphorus, sulphur and potassium in the right ratio to their pastures in one application, typically in autumn.

Other fertilisers can be used to supply a range of nutrients together, based on commonly required ratios of nutrients. These include the Boosta™ range of fertilisers, typically used in spring to supply nitrogen with phosphorus, potassium and sulphur.

Potassium fertiliser blends

Product	Analysis (%)				Comment	Typical rates
	N	P	K	S		
Muriate of Potash			50		Typically used in blends. Applied as a straight where large capital potassium rates are required.	100 kg/ha
SuPerfect Potash 1&1*		4.4	25	5.5	Used where high rates of K are required in relation to P. Low soil test value, large removal previous season.	100-200 kg/ha
SuPerfect Potash 2&1*		5.9	16.7	7.3		
SuPerfect Potash 3&1*		6.6	12.7	8.2	Used where a balance of P and K is required.	125-400 kg/ha
SuPerfect Potash 4&1*		7	10	8.8		
SuPerfect Potash 5&1*		7.3	8.3	9.2	Used where soils are low in P relative to K.	100-600 kg/ha
* trace elements can be added where required, such as zinc, copper and molybdenum						
Cal-Gran® 150	18.6	3	12.5	1.4	Nitrate nitrogen for winter/early spring dry matter responses. Partial P and K replacement.	160-270 kg/ha
Cal-Gran 50/50	17.9		15	3.6	Nitrate nitrogen for winter/early spring dry matter responses. Used where soil P levels good, K needed to supplement low soil test value or fodder.	170-280 kg/ha
Cal-Gran Aftergraze	20.6	3	7.5	3.8	Nitrate nitrogen for winter/early spring dry matter responses. Partial P and K replacement.	150-250 kg/ha
PastureBoosta®	23.8	3.7	13	4.1	Spring application. Good for boosting dry matter production and supplementing some P and K.	130-200 kg/ha



FodderBoosta®	11.5	7.6	19.5	6.1	Spring application. Good for boosting dry matter production and supplementing some P and K in lower fertility situations (or high removal).	250 kg/ha
HayBoosta®	11.7	4.7	23.9	4.6	Spring application, for boosting dry matter production and supplementing some P and more K. Pastures may be clover dominant.	200 kg/ha

Source: Incitec Pivot Fertilisers, 2018

Incitec Pivot Fertilisers' blending facilities allow up to five ingredients to be blended together, including trace elements, to create a multi-nutrient solution that suits almost any requirement.

Are there limitations to blends?

Incitec Pivot Fertilisers has guidelines on which fertilisers and trace elements can be blended together, based on their physical and chemical compatibilities, and which are best kept separate.

New blend requests are reviewed against our guidelines to ensure product quality can be maintained.

See your fertiliser adviser to arrange a soil test through the Nutrient Advantage® laboratory as a starting point to using blends for a tailored nutrient solution.

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TM Boosta is a trademark of Incitec Pivot Limited.

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