

## **Fertiliser**

In October 2001 the Fund entered into an agreement with the South Pacific Fertilizer Ltd. to provide \$4 million Credit Facility to the company for its documentary credits and operating expenses. This facility was increased to \$6.5 million in April 2002.

### **Blended Fertilizers will have the brand name – King of Crops**

South Pacific Fertilizers Ltd will start blending mixed fertilizers brand named 'KING OF CROPS'

KING OF CROPS will be out in the market around January 1991.

Four different blends will be packed in 50 kg polypropylene bags lined with polythene.

The bags will carry distinctive dark orange prints, carrying the specific details about the fertilizers.

One of the outstanding features of the blended fertilizers is that they will be free flowing.

This free flowing characteristic will make it easier for growers to apply the fertilizer. Farm machinery, like the fertilizers drill, will not clog up easily.

## **What Are Blended Fertilizers**

**A 'blended' fertilizer is one containing two or more of the major plant nutrients example nitrogen, phosphorous and potassium.**

**Fertilizers containing all the three plant foods are sometimes referred to as 'complete' fertilizers, also as 'mixed' fertilizers.**

**'Mixed' fertilizer is not an entirely new idea for our cane growers.**

**Quite a number of growers have made mixtures out of the three fertilizers supplied to them, that is, ammonium sulphate, calcium superphosphate and muriate of potash.**

**These mixtures have been sometimes made in a ordinary cement mixer.**

**The other common practice is to empty the required number of bags of each of the three main fertilizers on a cement pad and mixing the contents with a shovel.**

Provided the right number of bags (50 kg of each of the major fertilizer was emptied and mixed together, a reasonable mixture would result example:

For plant cane            15   :   7   :   3

(50kg Bags)

(15 Sulphate of Ammonia, 7 Calcium superphosphate and  
3 Muriate of Potash)

For Ratoon Cane        15   :   5   :   3

(50kg Bags)

(15 Sulphate of Ammonia, 5 Calcium superphosphate and  
3 muriate of patash)

What are the broad recommended application rates per hectare for different land classes

Blend Name	Crop Component	<u>Land Class</u>		
		Poor Soil	Medium Soil	Rich Soil

(50kg bags / Ha)

A	New plant cane	4	3	1.5
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(In drill at planting time)

**B Young plant cane 22 15 12**  
**(8-12 weeks old**  
**Side dressed)**

**C Ratoons 23 19 15**  
**(2-4 weeks**  
**Side dressed)**

**D**

**What Percentage active Nutrients are in each blend**

**PERCENTAGE(%)**

<b>Blend Name</b>	<b>Purpose</b>	<b><u>N</u></b>	<b><u>P</u></b>	<b><u>K</u></b>
<b>A</b>	<b>Planting blend</b>	<b>10.16</b>	<b>46.0</b>	<b>0</b>
<b>B</b>	<b>Plant cane – side dressed</b>	<b>15.75</b>	<b>-</b>	<b>15</b>
<b>C</b>	<b>Ratoons - side dressed</b>	<b>16.02</b>	<b>6.22</b>	<b>13.08</b>

**D**

**N = Nitrogen, P = Phosphate (P<sub>2</sub>O<sub>5</sub>) Potash (K<sub>2</sub>O)**

