

MANURIAL CHART FOR BEARING PALMS ON DIFFERENT TYPES OF SOIL

(Lbs. of Fertiliser per palm, once every two years)

N.P.K. requirements and various Fertilisers	White Cinnamon Sands and Coarse Marine Sands		Loams and Sandy Loams		Clay Soils		Laterites (Cabooks)		Lateritic-Gravel (Hal-borella)	
	A	B	A	B	A	B	A	B	A	B
NITROGEN (N)	0.7	0.6	0.6	0.5	0.6	0.5	0.7	0.6	0.6	0.5
in :—										
Sulphate of Ammonia } ...	3½	3	3	2½	3	2½	3½	3	3	2½
or } ...										
Calcium Cyanamide } ...										
or in :— } ...										
Groundnut cake } ...	10	8½	8½	7	8½	7	10	8½	8½	7
or } ...										
Sediment poonac } ...										
PHOSPHORIC ACID (P)	0.9	0.75	0.75	0.6	0.75	0.6	0.9	0.75	0.9	0.75
in :—										
Saphos phosphate	3	2½	2½	2	2½	2	3	2½	3	2½
or in :—										
Bone-meal	4	3½	3½	2¾	3½	2¾	4	3½	4	3½
POTASH (K)	1.5	1.25	1.25	1.0	1.0	0.75	1.5	1.25	1.5	1.25
in :—										
Muriate of potash (60%)	2½	2	2	1½	1½	1½	2½	2	2½	2
Muriate of potash (50%)	3	2½	2½	2	2	1½	3	2½	3	2½
Muriate of potash (40%)	3¾	3	3	2½	2½	1¾	3¾	3	3¾	3
or in :—										
Kainit	11	9	9	7	7	5	11	9	11	9

“ A ”—Estates which have not been manured for a long period.

“ B ”—Estates which have been regularly manured.

SOIL TYPES AND MANURING

Part II—Manurial Recommendations for Different Types of Soil

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IN C.R.S. Leaflet No. 12.—*Notes on the Manuring of Coconut Palms*, recommendations regarding manure mixtures are given in Section 3. The manure mixtures (a) to (e) stated therein may be considered as “general mixtures,” which should be modified in the light of the explanatory notes, given at the beginning of that section.

Based on work done up to date, recommendations regarding manure mixtures of varying composition, suitable for different types of soil, are now given in tabular form in the Manurial Chart.

Recommendations under each soil type are classified thus :—

(a) Estates that have not been manured for a long period (6 to 8 years), marked “A” in the Manurial Chart.

(b) Estates that have been regularly manured, marked “B” in the Manurial Chart.

Based on these recommendations, the following are examples of mixtures which could be used :—

Cabook Soil, regularly manured :—

Ammonium Sulphate	3 lbs.	} every 2 years
Saphos Phosphate	...	...	...	2½ ”
Muriate of Potash (60%)	...	...	...	2 ”

Coarse Sand, not previously manured :—

Groundnut cake	10 lbs.	} every 2 years
Bone meal	...	...	...	4 ”
Kainit	...	...	...	11 ”

The actual constituents of the mixtures can, of course, be varied according to the current prices of individual fertilisers and personal preference.

Further information will be found in the first paper on “The relation between Soil Types and Manuring,” Part I, by M. L. M. Salgado, that appeared in the *Coconut Quarterly*, Vol. I, No. 1, pages 23-26.

As further work on manuring is in progress such modifications as may be necessary will be published from time to time.