
DEPARTMENTAL NOTES

A Guide to Fertilizer Use in the Cultivation of Wetland Rice in Ceylon

THESE recommendations apply only to rice that is grown under wetland conditions and not to highland cultivation.

1. Varieties

Since H-4, H-7, H-501, H-105, Murungakayan-302, Ptb-16 and to a lesser degree Podiwi-a8 respond markedly to the application of fertilizer, these varieties should be given a higher dosage than Pachchaperumal, Dewareddiri, Pokkali and the village varieties.

The different rations and times of application for these two classes are treated separately in the following list of field recommendations.

2. Nitrogen

It should be noted that Urea is now recommended in preference to Ammonium Sulphate in all acid soils in the wet zone and the acid soils of coarse texture in the dry zone because experimental evidence has indicated its superiority.

To get the maximum benefit from the nitrogen fertilizer, i.e., Urea or Ammonium Sulphate, it should be applied as a top-dressing at three different times, viz :

- (a) at "tillering" to increase the number of tillers and earheads,
- (b) at "heen bundi" to influence the formation of spikelets,
- (c) at "heading" to fill out the empty grains.

The first top-dressing should be lightly worked into the soil to get the maximum benefit from the fertilizer. In the subsequent top-dressings the fertilizer may be allowed to lie on the surface as intercultivation at this stage is definitely detrimental to crop growth. Top-dressing should be done when the dew on the plants has dried.

NOTE.—(a) Although Podiwi-a8 responds fairly well to fertilizers, it is liable to succumb to the "blast" disease if there is excessive nitrogen in the soil. In the case of this variety, therefore, it is advisable to omit the first top-dressing with nitrogen and give only the two subsequent top-dressings.

(b) In the case of Pachchaiperumal, Dewaraddiri, Pokkali and the village varieties, one top-dressing at the time of tillering should suffice.

3. Phosphorus

It is also very important to see that the crop gets an adequate quantity of phosphorus to ensure high yields, particularly since the nitrogen fertilizer has little or no effect on the crop if the soil is deficient in phosphorus. Therefore, do not let the cultivator neglect this aspect of "fertilization" as he has often been inclined to do in recent times.

Saphos Phosphate must be given as a basal dressing every season before sowing or planting, preferably at the time of second ploughing, so as to prevent wash-away in the event of rain immediately after application.

4. Potassium

A seasonal dressing of Muriate of Potash—applied at the same time as the Saphos Phosphate—is generally advantageous to maintain an adequate level of potassium in the soil. Sometimes it is necessary to supplement this basal dressing with a further application of Muriate which should be given as a top-dressing along with the second top-dressing of Urea or Ammonium Sulphate.

Muriate of Potash can be mixed safely with Saphos Phosphate, Urea or Ammonium Sulphate to facilitate application.

NOTE.—The following field recommendations should be treated as a guide to correct fertilizer practice. There may be instances, however, where modifications are necessary depending on particular field conditions. For instance, in an area where the soils are predominantly neutral in reaction, there may be pockets of acid fields. Such fields should be treated with Urea and not Ammonium Sulphate as recommended. Justifiable modifications of this nature may be allowed.

It is important to remember, however, that in all instances a complete fertilizer mixture containing the three elements, N P and K must be given every season if maximum yields are to be obtained. Stinting to apply any one fertilizer is false economy since a certain threshold level of NPK in the soil is essential at all times to get the maximum benefit from a fertilization programme.

5. Nursery

All transplanted varieties, i.e., Departmental recommendations and village varieties require a complete fertilizer mixture in the nursery to stimulate quick and vigorous growth. The following ration may be used per 100 square feet of nursery :—

- $\frac{1}{2}$ lb. Ammonium Sulphate or $\frac{1}{4}$ lb. Urea.
- 1 lb. Saphos Phosphate.
- $\frac{1}{2}$ lb. Muriate of Potash.

An additional top-dressing of $\frac{1}{2}$ lb. Ammonium Sulphate or $\frac{1}{4}$ lb. Urea may be given at two weeks if the plants show signs of poor growth, especially in sandy soils.

TO GET THE MAXIMUM BENEFIT FROM FERTILIZERS THE RICE CROP MUST BE WEDED AND PROTECTED FROM PESTS AND DISEASES AT ALL TIMES.

Other Practices

Liming

Wherever severe symptoms of "bronzing" occur in the low-country wet zone, ground limestone should be applied to the soil 2 weeks before planting or sowing at the rate of half-ton per acre. This practice should be continued every season till no further symptoms of bronzing are noticed in the crop.

Silica

Low-country wet zone soils are generally deficient in silica and consequently the rice crop in this area is more susceptible to disease. Repeated seasonal applications of rice-husk ash as a basal dressing up to 4 cwt. per acre should correct this deficiency.

Green Manure

May be used safely in fields that are well drained and not boggy.

JAFFNA DISTRICT (Pounds per Acre)

D. R. 00. Divisions	Islands, Jaffna, Valikamam West, North and East, Per- marachi and Vedamarachi Divisions and Tamulikai				Punalakari				Pachilaippalai Karachi			
	Ammonium Sulphate	Sapnos Phosphate	Muriate of Potash	Total	Ammonium Sulphate	Sapnos Phosphate	Muriate of Potash	Total	Urea	Sapnos Phosphate	Muriate of Potash	Total
<i>Times of application of Fertilizers</i>												
<i>For fertilizer responsive varieties—</i>												
Before planting or sowing	—	84	28	112	—	112	56	168	—	112	56	168
Two weeks after planting or five weeks after sowing	56	—	—	56	56	—	—	56	28	—	—	28
Three weeks before heading	112	—	—	112	112	—	—	112	56	—	—	56
At heading	56	—	—	56	56	—	—	56	28	—	—	28
Total	224	84	28	336	224	112	56	392	112	84	84	308
<i>For other varieties : Pachchaiperumal, Dewarredderi, Pakkali and Village varieties</i>												
Before planting or sowing	—	56	—	56	—	84	28	112	—	84	28	112
Two weeks after planting or five weeks after sowing	112	—	—	112	112	—	—	112	56	—	—	56
Total	112	56	—	168	112	84	28	224	56	84	28	168

VAVUNIYA DISTRICT (Pounds per Acre)

D. R. OO. Divisions	All Divisions			
	Ammonium Sulphate	Sapros Phosphate	Muriate of Potash	Total
<i>Times of application of Fertilizers</i>				
<i>For Fertilizer responsive varieties—</i>				
Before planting or sowing	—	112	56	168
Two weeks after planting or five weeks after sowing	56	—	—	56
Three weeks before heading	112	—	—	112
At heading	56	—	—	56
Total	224	112	56	392
<i>For other varieties : Pachchaiperumal, Dewaredderi, Pokkali and Village varieties</i>				
Before planting or sowing	—	84	28	112
Two weeks after planting or five weeks after sowing	112	—	—	112
Total	112	84	28	224

MANNAR DISTRICT (Pounds per Acre)

<i>D R. OO. Divisions</i>		<i>All Divisions</i>			
<i>Times of Application of Fertilizers</i>		<i>Ammonium Sulphate</i>	<i>Sapthos Phosphate</i>	<i>Muriate of Potash</i>	<i>Total</i>
<i>For Fertilizer responsive varieties—</i>					
Before planting or sowing	..	—	84	28	112
Two weeks after planting or five weeks after sowing	..	56	—	—	56
Three weeks before heading	..	112	—	—	112
At heading	..	56	—	—	56
Total	..	224	84	28	336
<i>For other varieties: Pachchaiperumal, Dewaredderi, Pokkali and village varieties</i>					
Before planting or sowing	..	—	56	—	56
Two weeks after planting or five weeks after sowing	..	112	—	—	112
Total	..	112	56	—	168

ANURADHAPURA, MONERAGALA, POLONNARUWA, TRINCOMALEE DISTRICTS (Pounds per Acre)

<i>D. R. 00. Divisions</i>		<i>All Divisions</i>			
<i>Times of Application of Fertilizers</i>		<i>Ammonium Sulphate</i>	<i>Sapros Phosphate</i>	<i>Muriate of Potash</i>	<i>Total</i>
<i>For Fertilizer responsive varieties—</i>					
Before planting or sowing	..	—	112	56	168
Two weeks after planting or five weeks after sowing	..	56	—	—	56
Three weeks before heading	..	112	—	—	112
At heading	..	56	—	—	56
Total	..	<u>224</u>	<u>112</u>	<u>56</u>	<u>392</u>
<i>For other varieties: Pachchaiperumal, Dewaredderi, Pokkali and village varieties</i>					
Before planting or sowing	..	—	84	28	112
Two weeks after planting or five weeks after sowing	..	112	—	—	112
Total	..	<u>112</u>	<u>84</u>	<u>28</u>	<u>224</u>

PUTTALAM DISTRICT (Pounds per Acre)

D.R.OO. Divisions	Puttalam Pattu and Gravels, Kalpiiya Division and Demala Hatpattu				Piigal Korale North and Piigal Korale South			
	Ammonium Sulphate	Sapros Phosphate	Muriate of Potash	Total	Urea	Sapros Phosphate	Muriate of Potash	Total
<i>Times of Application of Fertilizers</i>								
<i>For Fertilizer responsive varieties—</i>								
Before planting or sowing ..	—	112	56	168	—	112	56	168
One week after planting or four weeks after sowing ..	—	—	—	—	28	—	—	28
Two weeks after planting or five weeks after sowing ..	56	—	—	56	—	—	—	—
Two weeks before heading ..	—	—	—	—	56	—	28	84
Three weeks before heading ..	112	—	—	112	—	—	—	—
At heading ..	56	—	—	56	28	—	—	28
Total ..	224	112	56	392	112	112	84	308
<i>For other varieties : Pachchaiperumal, Devared-deri, Pokkali and Village varieties—</i>								
Before planting or sowing ..	—	84	28	112	—	84	28	112
One week after planting or sowing ..	—	—	—	—	56	—	—	56
Two weeks after planting or five weeks after sowing ..	112	—	—	112	—	—	—	—
Total ..	112	84	28	224	56	84	28	168

BATTICALOA DISTRICT (Pounds per Acre)

<i>Times of application of Fertilizers</i>	<i>All Divisions</i>			
	<i>Urea</i>	<i>Sapthos Phosphate</i>	<i>Muriate of Potash</i>	<i>Total</i>
<i>D. R. 00. Divisions</i>				
<i>For Fertilizer responsive varieties—</i>				
Before planting or sowing ..	—	112	56	168
Two weeks after planting or five weeks after sowing ..	28	—	—	28
Three weeks before heading ..	56	—	—	56
At heading ..	28	—	—	28
Total ..	112	112	56	280
<i>For other varieties : Pachchaiperumal, Dewaredderi, Pokkali and Village varieties</i>				
Before planting or sowing ..	—	84	28	112
Two weeks after planting or five weeks after sowing ..	56	—	—	56
Total ..	56	84	28	168

MATALE DISTRICT (Pounds per Acre)

D.R.OO. Divisions	Matale North and Matale East				Matale South			
	Ammonium Sulphate	Sapros Phosphats	Muriate of Potash	Total	Urea	Sapros Phosphate	Muriate of Potash	Total
<i>Times of application of Fertilizers</i>								
<i>For Fertilizer responsive varieties—</i>								
Before planting or sowing ..	—	112	56	168	—	112	56	168
One week after planting or four weeks after sowing ..	—	—	—	—	28	—	—	28
Two weeks after planting or five weeks after sowing ..	56	—	—	56	—	—	—	—
Two weeks before heading ..	—	—	—	—	56	—	—	56
Three weeks before heading ..	112	—	—	112	28	—	—	—
At heading ..	56	—	—	56	28	—	—	—
Total ..	224	112	56	392	112	112	56	280
<i>For other varieties: Pachchaiperrumal, Dewarredderi, Pokkali & Village varieties—</i>								
Before planting or sowing ..	—	84	28	112	—	84	28	112
One week after planting or four weeks after sowing ..	—	—	—	—	56	—	—	56
Two weeks after planting or five weeks after sowing ..	112	—	—	112	—	—	—	—
Total ..	112	84	28	224	56	84	28	168

KURNEGALA DISTRICT (Pounds per Acre)

D.R.OO. Divisions	Heriyala Hathpattuwa Devameddi Hathpattuwa				Wanni Hathpattuwa				Wendawilli Hathpattuwa ; Dambadeeni and Katu- gampola Hathpattuwa			
	Ammonium Sulphate	Sapshos Phosphate	Muriate of Potash	Total	Ammonium Sulphate	Sapshos Phosphate	Muriate of Potash	Total	Ammonium Sulphate	Sapshos Phosphate	Muriate of Potash	Total
<i>Times of application of Fertilizers</i>												
<i>For Fertilizer responsive varieties—</i>												
Before planting or sowing ..	—	168	56	224	—	112	56	168	—	112	56	168
One week after planting or four weeks after sowing ..	—	—	—	56	56	—	—	56	28	—	—	28
Two weeks after planting or five weeks after sowing ..	56	—	—	56	—	—	—	56	56	—	—	56
Two weeks before heading ..	112	—	28	140	112	—	—	112	28	—	—	28
Three weeks before heading ..	56	—	—	56	56	—	—	56	28	—	—	28
At heading ..	—	—	—	—	—	—	—	—	—	—	—	—
Total ..	224	168	84	476	224	112	56	392	112	84	84	308
<i>For other varieties: Pachchaiperumal, Dewaredderi, Polkalali & Village varieties—</i>												
Before planting or sowing ..	—	112	56	168	—	84	28	112	—	84	28	112
One week after planting or four weeks after sowing ..	—	—	—	—	—	—	—	—	56	—	—	56
Two weeks after planting or five weeks after sowing ..	112	—	—	112	112	—	—	112	—	—	—	112
Total ..	112	112	56	280	112	84	28	224	56	84	28	168

BADULLA DISTRICT (Pounds per Acre)

D. R. 00. Divisions	Bintenna				Wiyakawa, Udubinda and Yatibinda Divisions			
	Ammonium Sulphate	Sapthos Phosphate	Muriate of Potash	Total	Urea	Sapthos Phosphate	Muriate of Potash	Total
<i>Times of application of Fertilizers</i>								
<i>For Fertilizer responsive varieties—</i>								
Before planting or sowing	—	112	56	168	—	112	56	168
One week after planting or four weeks after sowing	—	—	—	—	28	—	—	28
Two weeks after planting or five weeks after sowing	56	—	—	56	—	—	—	—
Two weeks before heading	—	—	—	—	42	—	—	42
Three weeks before heading	112	—	—	112	—	—	—	—
At heading	56	—	—	56	14	—	—	14
Total	224	112	56	392	84	112	56	252
<i>For other varieties : Pachchaiperumal Dewaverderi, Pokkali and Village varieties</i>								
Before planting or sowing	—	84	28	112	—	84	28	112
One week after planting or four weeks after sowing	—	—	—	—	56	—	—	56
Two weeks after planting or five weeks after sowing	112	—	—	112	—	—	—	—
Total	112	84	28	224	56	84	28	168

AMPARAI DISTRICT (Pounds per Acre)

D. R. 00. Divisions	Bintenna Pattu, Weppam Pattu and Akkarai Pattu				Samanthurai Pattu, Karavaleu and Nintauru Pattu and Pananha Pattu			
	Ammonium Sulphate	Sapthos Phosphate	Muriate of Potash	Total	Ammonium Sulphate	Sapthos Phosphate	Muriate of Potash	Total
<i>For Fertilizer responsive varieties—</i>								
Before planting or sowing ..	—	112	56	168	—	84	56	140
Two weeks after planting or five weeks after sowing ..	56	—	—	56	57	—	—	56
Three weeks before heading ..	112	—	—	112	112	—	—	112
At heading ..	56	—	—	56	57	—	—	56
Total ..	224	112	56	392	224	84	56	364
<i>For other varieties : Pachchaiperumal, Dewared-derki, Pokkali and Village varieties</i>								
Before planting or sowing ..	—	84	28	112	—	56	—	56
Two weeks after planting or five weeks after sowing ..	112	—	—	112	112	—	—	112
Total ..	112	84	28	224	112	56	—	168

KEGALLA DISTRICT (Pounds per Acre)

<i>D.R.OO. Division</i>		<i>All Divisions</i>			
<i>Times of application of Fertilizers</i>		<i>Urea</i>	<i>Sapros Phos- phate</i>	<i>Muriate of Potash</i>	<i>Total</i>
<i>For Fertilizer responsive varieties</i>					
Before planting or sowing	..	—	112	56	168
One week after planting or 4 weeks after sowing	..	28	—	—	28
Two weeks before heading	..	56	—	28	84
At heading	..	28	—	—	28
	Total	112	112	84	308
<i>For other varieties. Pachchaiperumal, Dewaredderi, Pochali & Village varieties</i>					
Before planting or sowing	..	—	84	28	112
One week after planting or 4 weeks after sowing	..	56	—	—	56
	Total	56	84	28	168

KANDY DISTRICT (Pounds per Acre)

D. R. O. Divisions	Minipe				Total	Urea	Sapros Phosphate	Muriate of Potash	Total
	Ammonium Sulphate	Sapros Phosphate	Muriate of Potash	Total					
<i>Times of application of Fertilizers</i>									
<i>For Fertilizer responsive varieties—</i>									
Before planting or sowing	—	112	56	168	—	112	56	168	—
One week after planting or four weeks after sowing	—	—	—	—	28	—	—	—	28
Two weeks after planting or five weeks after sowing	56	—	—	56	—	—	—	—	—
Two weeks after before heading	—	—	—	—	56	—	—	—	56
Three weeks before heading	112	—	—	112	—	—	—	—	—
At heading	56	—	—	56	—	—	—	—	—
Total	224	112	56	392	112	112	84	308	—
<i>For other varieties: Pachchaiperumal, Dewarederi, Pokkali & Village varieties</i>									
Before planting or sowing	—	84	28	112	—	84	28	112	—
One week after planting or four weeks after sowing	—	—	—	—	56	—	—	—	56
Two weeks after planting or five weeks after sowing	112	—	—	112	—	—	—	—	—
Total	112	84	28	224	56	84	28	168	—

Udumuwara & Yainuwara Division, Tumpane, Harispattu Pata Dumbara, Uda Dumbara, Kandy, Pata Hewaheta, Uda and Uda Bulathgama

NUWARA ELIYA DISTRICT (Pounds per Acre)

D. R. 00 Divisions	Kotmale				Uda-Hewaheta & Walapane			
	Urea	Sapros Phosphate	Muriate of Potash	Total	Urea	Sapros Phosphate	Muriate of Potash	Total
<i>Times of application of Fertilizers</i>								
<i>For Fertilizer responsive varieties—</i>								
Before planting or sowing ..	—	112	56	168	—	112	56	168
One week after planting or four weeks after sowing ..	28	—	—	28	28	—	—	28
Two weeks before heading ..	42	—	—	42	42	—	28	70
At heading ..	14	—	—	14	14	—	—	14
Total ..	84	112	56	252	84	112	84	280
<i>For other varieties: Pachchaiperumal, Dewaredderi, Polkali & Village Varieties</i>								
Before planting or sowing ..	—	84	28	112	—	84	28	112
One week after planting or four weeks after sowing ..	56	—	—	56	56	—	—	56
Total ..	56	84	28	168	56	84	28	168

COLOMBO DISTRICT (Pounds per Acre)

<i>D. R. 00. Divisions</i>	<i>Hapitigam Korale, Alutikuru Korale North A North B</i>				<i>Seyane Korale West (M.P.) & (A.P.) & East Hewagam Korale, Salpiti Korale & Colombo Mudalayar's Division</i>			
	<i>Urea</i>	<i>Sapthos Phosphate</i>	<i>Muriate of Potash</i>	<i>Total</i>	<i>Urea</i>	<i>Sapthos Phosphate</i>	<i>Muriate of Potash</i>	<i>Total</i>
<i>For Fertilizer responsive varieties</i>								
Before planting or sowing	—	168	56	224	—	112	56	168
One week after planting or 4 weeks after sowing	28	—	—	28	28	—	—	28
Two weeks before heading	42	—	28	70	42	—	28	70
At heading	14	—	—	14	14	—	—	14
Total	84	168	84	336	84	112	84	280
<i>For other varieties : Pachchaiperumal, Dewarederi, Pokkali and Village varieties</i>								
Before planting or sowing	—	112	56	168	—	84	28	112
One week after planting or 4 weeks after sowing	56	—	—	56	56	—	—	56
Total	56	112	56	224	56	84	28	168

RATNAPURA DISTRICT (Pounds per Acre)

D. R. 00. Divisions	Atakalan Korale, Kolonna Korale (East of Panamure)				Kuruvita, Navadam, Kulal, Kadaavata and Meda Korales and Kolonne Korale (West of Panamure)			
	Ammonium Sulphate	Sapros Phosphate	Muriate of Potash	Total	Urea	Sapros Phosphate	Muriate of Potash	Total
<i>Times of application of Fertilizers</i>								
<i>For Fertilizer responsive varieties</i>								
Before planting or sowing	—	112	56	168	—	168	56	224
One week after planting or four weeks after sowing	—	—	—	—	28	—	—	28
Two weeks after planting or five weeks after sowing	56	—	—	56	—	—	—	—
Two weeks before heading	—	—	—	—	42	—	28	70
Three weeks before heading	112	—	—	112	—	—	—	—
At heading	56	—	—	56	14	—	—	14
Total	224	112	56	392	84	168	84	336
<i>For other varieties : Pachchaiperumal Dewared- deri, Pokkali and Village Varieties</i>								
Before planting or sowing	—	84	28	112	—	112	56	168
One week after planting or four weeks after sowing	—	—	—	—	56	—	—	56
Two weeks after planting or five weeks after sowing	112	—	—	112	—	—	—	—
Total	112	84	28	224	56	112	56	224

KALUTARA DISTRICT (Pounds per Acre)

D. R. 00. Divisions	Pasalum Korale East				Raigam Korale, Kalutara Totamune Panacura Totamune and Pasalum Korale West			
	Urea	Sapthos Phosphate	Muriate of Potash	Total	Urea	Sapthos Phosphate	Muriate of Potash	Total
<i>For Fertilizer responsive varieties</i>								
Before planting or sowing ..	—	112	56	168	—	112	56	168
One week after planting or four weeks after sowing ..	28	—	—	28	—	—	—	—
Two weeks before heading ..	42	—	28	70	42	—	28	70
At heading ..	14	—	—	14	14	—	—	14
Total ..	84	112	84	280	56	112	84	252
<i>For other varieties—Pachchaiperumal Dewredderi, Pokkali & Village varieties</i>								
Before planting or sowing ..	—	84	28	112	—	84	28	112
One week after planting or 4 weeks after sowing ..	56	—	—	56	42	—	—	42
Total ..	56	84	28	168	42	84	28	154

GALLE DISTRICT (Pounds per Acre)

D. R. 00. Divisions	Hindiam Pattu				Eentota & Wallawita Korale & Gangaboda Pattu				Wellaboda Patuwaa, Four Gravels and Talpe Pattu			
	Urea	Saphos Phosphate	Muriate of Potash	Total	Urea	Saphos Phosphate	Muriate of Potash	Total	Urea	Saphos Phosphate	Muriate of Potash	Total
<i>Times of Application of Fertilizers</i>												
<i>For Fertilizer responsive varieties</i>												
Before planting or sowing ..	—	112	56	168	—	112	56	168	—	112	55	168
One week after planting or four weeks after sowing ..	28	—	—	28	—	—	—	—	—	—	—	—
Two weeks before heading ..	42	—	28	70	42	—	28	70	42	—	—	42
At heading ..	14	—	—	14	14	—	—	14	14	—	—	14
Total ..	84	112	84	280	56	112	84	252	56	112	56	224
<i>For other varieties: Pachchaiperumal, Dewaradderi, and Pokkali and Village varieties</i>												
Before planting or sowing ..	—	84	28	112	—	84	28	112	—	84	28	112
One week after planting or four weeks after sowing ..	56	—	—	56	42	—	—	42	42	—	—	42
Total ..	56	84	28	168	42	84	28	154	42	84	28	154

HAMBANTOTA DISTRICT (Pounds per Acre)

D.R. 00. Divisions	Magam Pattu and Giruwa Pattu East				Giruwa Pattu West			
	Ammonium Sulphate	Sapthos Phosphate	Muriate of Potash	Total	Urea	Sapthos Phosphate	Muriate of Potash	Total
<i>For fertilizer responsive varieties</i>								
Before planting or sowing ..	—	84	28	112	—	112	56	168
Two weeks after planting or five weeks after sowing ..	56	—	—	56	28	—	—	28
Three weeks before heading ..	112	—	—	112	56	—	—	56
At heading ..	56	—	—	56	28	—	—	28
Total ..	224	84	28	336	112	112	56	280
<i>For other varieties : Pachchaiperumal, Dewared-deri, Pokkali and Village varieties</i>								
Before planting or sowing ..	—	56	—	56	—	84	28	112
Two weeks after planting or five weeks after sowing ..	112	—	—	112	56	—	—	56
Total ..	112	56	—	168	56	84	28	168

MATARA DISTRICT (Pounds per Acre)

D. R. O. Divisions	Weligam Korale, Wellabada Pattu and Four Gravels				Morawak Korale, Kandabada Pattuwa and Gangabada Pattuwa			
	Urea	Sapros Phosphate	Muriate of Potash	Total	Urea	Sapros Phosphate	Muriate of Potash	Total
<i>For fertilizer responsive varieties</i>								
Before planting or sowing	—	168	56	224	—	168	56	224
One week after planting or four weeks after sowing	—	—	—	—	28	—	—	28
Two weeks before heading	42	—	—	42	52	—	28	70
At heading	14	—	—	14	14	—	—	14
Total	56	168	56	280	84	168	84	336
<i>For other varieties : Pachchaiperumal Dewarederi, Pokkali and Village varieties</i>								
Before planting or sowing	—	84	28	112	—	112	56	168
One week after planting or four weeks after sowing	42	—	—	42	56	—	—	56
Total	42	84	28	154	56	112	56	224