

Utilization Rate in each plants

Plant	Species	Nutrient	Using Period	Utilization Rate	Method
Photoperiod sensitivity Paddy	All species	Clay = 6-4-0 ¹ Mold/Sandy loam = 6-4-4 ¹	-Stubble marinade -Paddy which age 20-25 days	400 - 500 Liters/Rai 150 - 250 Liters/Rai	Spray around plot 10-15 days Spray around plot
Photoperiod insensitivity Paddy	All species	Clay = 12-6-0 ¹ Mold/Sandy loam = 16-6-4 ¹	-Stubble marinade -Paddy which age 20-25 days	400 - 500 Liters/Rai 250 - 350 Liters/Rai	Spray around plot 10-15 days Spray around plot
Sugarcane	All species	First year cultivation 24-12.8-12.8 ²	-Start cultivation	400 - 500 Liters/Rai	Spray around plot before soil preparing 3-7 days
		New cultivation 40-12.8-16 ²	-New cultivation	600 - 800 Liters/Rai	Spray around plot before soil preparing 3-7 days
		Sugarcane stump 40-12.8-16 ²	-Sugarcane stump	600 - 800 Liters/Rai	Spray around plot after harvesting
Corn	All species	Clay/Mold = 14.5-5-0 ³ Sandy soil = 12-12-6 ³	- Soil preparing	300 - 450 Liters/Rai	Spray around plot before soil preparing 7-15 days
Cassava	All species	Sandy soil = 14.4-7.2-12.6 ⁴ Mold/Sandy loam = 11.2-5.6-9.8 ⁴ Mold = 8-4-7 ⁴ Clay = 4.9-2.4-4.2 ⁴	-Spray before cultivating (Soil preparing)	500 - 600 Liters/Rai	Spray around plot before soil preparing
Bamboo sticks	All species	Maintenance clump = 27-27-27 ⁵	-Maintenance period Jan-Feb	800 - 900 Liters/Rai	Spray around clump far out 2 meters
		Scion urging = 41.4-0-0 ⁵	-Little bamboo	500 - 600 Liters/Rai	Spray around clump far out 2 meters
Plam Oil	All species	First year = 8-4-8 ⁶ Second year = 16-8-16 ⁶ Up 3 years = 24-12-54 ⁶	-Plam which age than 2 years	600 - 800 Liters/Rai	Spray around plant far out 2 meters
Pineapple	Batavia	Productivity 8.8 kg/rai =	-New cultivation	600-800 Liters/Rai	15 days before cultivating
	Phulae	32.8-28.0-62.8 ⁷	-Pineapple stump	600-800 Liters/Rai	In the middle of groove
Rubber	All species	Mold - Age 1-4 years = 16-8-26 ⁸ - Age 4-6 years = 26-18-8 ⁸ - After slitting = 30-0-36 ⁸ Mold - Age 1-4 years = 16-26-14 ⁸ - Age 4-6 years = 22-20-14 ⁸ - After slitting = 24-10-28 ⁸	-First period in Apr-Jun -Second period in Oct-Dec	300-800 Liters/Rai	Spray around plant far out 40-60 cm. Spray around plot
Coconut	All species	Coconut use nutrient =14.6-6.4-20.9 ⁹	-Spray coconut which age more than 2 years.	300 - 600 Liters/Rai	Spray the soil far out stub 1 meter (spray 1 time/crop)

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Fruit	- Small Fruit			100-300 Liters/Rai	Spray around plot or mix water before dripping
	*Lemon	Maintenance plant = 6-6-6 ⁵	-May-July		
	*Banana	Manitenance plant = 9-9-9 ⁷	-Jan-May		
	*Cucumber	use = 13-13-21 ¹⁰	-Soil preparing, Water dripping		
	*Others	By DOA suggestion	-Soil preparing, Water dripping		
	- Perennia plant	By DOA suggestion	- After harvesting	400-800 Liters/Rai	Spray around plot
Vegetable	All species	Maintenance plant = 20-11-11 ¹¹	- Soil preparing	300-400 Liters/Rai	Spray around plot
Hydrophyte (Fish)	All species	Urea 4 kgs/Rai/Week Chicken manure 50 kgs/Rai/Week	-Pond preparing before fish cultivating - After fish cultivation 1 month until harversting	300 Liters/Rai 100 Liters/Rai/Week *Utilization rate depends on integrity of pond (New digging pond/old pond/ color of water)	Pour at the corner pond <u>Suggestion</u> 1. Pour at the sunshine day 2. Pour above the wind side for diffusing around the pond
Hydrophyte (Prawn)	Tiger prawn Vannamei	Urea 4 kgs/Rai/Week Chicken manure 50 kgs/Rai/Week	-Pond preparing before prawn cultivating -After prawn cultivating 1 month until harversting	100 Liters/Rai 40 Liters/Rai/Week	Pour at the corner pond <u>Suggestion</u> 1. Pour at the sunshine day 2. Pour above the wind side for diffusing around the pond
Artemia	All species	Urea 4 kgs/Rai/Week Chicken manure 50 kgs/Rai/Week	- Water preparing	6-8 Liters/ 50 Cubic Meter in concrete pond 100-200 Liters/Rai in soil pond	Pour at the corner pond (Do not stir) <u>Suggestion</u> Pour at the sunshine day