

FOMI FERTILIZERS

Application Rates for Food Crops

FOMI fertilizers are organo-mineral fertilizers manufactured by associating/mixing organic and mineral components through the process of steam granulation. The organic component being mainly the organic manure particularly cow dung. These fertilizers are produced and commercialized in Tanzania by the Company ITRACOM Fertilizers Limited.

As Semi-Organic Fertilizers, FOMI fertilizers have the following attributes:

- ❖ Release fertilizer nutrients to crops
- ❖ Improve soil structure and properties
- ❖ Improve water-holding capacity of the soil
- ❖ Improve biological activity in the soil
- ❖ Improve water and air infiltration in the soil

These attributes concur to increase the plant's ability to uptake fertilizer nutrients from the soil and therefore increase yield and productivity.

Since 2022, ITRACOM FERTILIZERS LIMITED manufactures different types of Semi-Organic fertilizers such as:

- ❖ **FOMI OTESHA:** Fertilizer for Planting
- ❖ **FOMI KUZIA:** Fertilizer for Topdressing cereals and vegetable crops
- ❖ **FOMI NENEPESHA:** Fertilizer for Topdressing Root and Tuber Crops
- ❖ **FOMI CROP-SPECIFIC:** Specific Fertilizer for selected crops particularly cash crops



FOMI FERTILIZER APPLICATION RATES FOR MAIZE



Maize	Planting Amount/Acre		Topdressing 1 Amount/Acre		Topdressing 2 Amount/Acre		Total Amount/Acre	
	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag
FOMI OTESHA	50	2	*	*	*	*	50	2
FOMI KUZIA	*	*	50	2	50	2	100	4
Rate/Planting Hole (g)	2.7		2.7		2.7		8.3	
Application Time	At planting		2 weeks after the emergence		1 week before flowering		*	

Average of ± 3 g/planting hole with 18,000 planting holes per acre at 75 x 30 cm row spacing

FOMI FERTILIZER APPLICATION RATES FOR RICE



Rice	Planting Amount/Acre		Topdressing 1 Amount/Acre		Topdressing 2 Amount/Acre		Total Amount/Acre	
	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag
FOMI OTESHA	25	1	*	*	*	*	25	1
FOMI KUZIA	25	1	50	2	50	2	125	5
Rate/Planting Hole (g)	0.2		0.4		0.4		1.2	
Application Time	At transplanting		3 weeks after transplanting		1 week before flowering		*	

Rate of ± 0.4 g/plant with a plant population of 101,250 plants/acre at 20 x 20 cm row spacing

FOMI FERTILIZER APPLICATION RATES FOR SORGHUM



Sorghum	Planting Amount/Acre		Topdressing 1 Amount/Acre		Topdressing 2 Amount/Acre		Total Amount/Acre	
	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag
FOMI OTESHA	100	4	*	*	*	*	100	4
FOMI KUZIA	*	*	50	2	50	2	100	4
Rate/Planting Hole (g)	5.5		2.7		2.7		11	
Application Time	At planting		Three weeks after planting		One week before flowering		*	

Average of ±4 g/planting hole with 18,000 planting holes/acre at 75 x 30 cm row spacing

FOMI FERTILIZER APPLICATION RATES FOR WHEAT



Wheat	Planting Amount/Acre		Topdressing 1 Amount/Acre		Topdressing 2 Amount/Acre		Total Amount/Acre	
	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag
FOMI OTESHA	75	3	*	*	*	*	75	3
FOMI KUZIA	*	*	75	3	75	3	150	6
Rate/Planting Hole (g)	0.3		0.3		0.3		1.1	
Application Time	At planting		Three weeks after planting		One week before flowering		*	

Average of ± 0.3g/planting hole with 202,500 planting holes per acre at 20 x 10 cm row spacing

FOMI FERTILIZER APPLICATION RATES FOR BEANS



Beans	Planting Amount/Acre		Topdressing 1 Amount/Acre		Topdressing 2 Amount/Acre		Total Amount/Acre	
	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag
FOMI OTESHA	50	2	*	*	*	*	50	2
FOMI KUZIA	*	*	*	*	*	*	*	*
Rate/Planting Hole (g)	0.9		*		*		0.9	
Application Time	At planting		*		*		*	

Average of ± 1 g/planting hole with 50,625 planting holes/acre at 40 x 20 cm row spacing

FOMI FERTILIZER APPLICATION RATES FOR SUNFLOWER



Sunflower	Planting Amount/Acre		Topdressing 1 Amount/Acre		Topdressing 2 Amount/Acre		Total Amount/Acre	
	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag
FOMI OTESHA	75	3	*	*	*	*	75	3
FOMI KUZIA	*	*	75	3	*	*	75	3
Rate/Planting Hole (g)	4		4		*		8	
Application Time	At planting		Six weeks after planting		*		*	

Average of ± 4g/planting hole with 18,000 planting holes per acre at 75 x 30 cm row spacing

FOMI FERTILIZER APPLICATION RATES FOR IRISH POTATO



Round Potato	Planting Amount/Acre		Topdressing 1 Amount/Acre		Topdressing 2 Amount/Acre		Total Amount/Acre	
	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag	Kg	25kg Bag
FOMI OTESHA	150	6	*	*	*	*	150	6
FOMI NENEPESHA	100	4	100	4	*	*	200	8
Rate/Planting Hole (g)	13.8		5.5		*		19.5	
Application Time	At planting		3 weeks after planting		1 week before flowering		*	

Average of ± 6.5g/planting hole with 18,000 planting holes per acre at 75 x 30 cm row spacing

Increased Yield, Soil Health Improvement and Sustainable Agriculture

FOMI OTESHA 1

9%N 22%P₂O₅ 4K₂O 13CaO 2%MgO

Fertilizer for Planting

FOMI KUZIA 2

21%N 8%K₂O 4%CaO 2%MgO

Fertilizer for Topdressing Cereals and Vegetables

FOMI NENEPESHA 3

11%N 22%K₂O 4%CaO 2%MgO

Fertilizer for Topdressing Root and Tuber Crops

FOMI CROP-SPECIFIC 4

FOMI Fertilizers Specific for Cash Crops (Tea, ...)



FOMI FERTILIZERS

Increased Yield, Soil Health Improvement, and Sustainable Agriculture



ITRACOM FERTILIZERS LTD

Physical Address

Nala Industrial Area, Plot 929, Block DD
P.O.Box 1299 Dodoma, Tanzania, +255 733 900 799

Email: info@itracomfertilizers.co.tz
Website: www.itracomfertilizers.co.tz

RATES.FC-BV5-09.10.2023-EN