Nutrient Intake ID	Crop ID	Fertiliser	Application Time	Application Rate Unit	Amount Max	Amount Mean	Amount Min	Notes	Metadata ID
2	Proso Millet	Nitrogen	Vegetative	kg/ha	40.00	30.00	20.00	*NULL*	8,650
3	Proso Millet	Phosphorus	Vegetative	kg/ha	*NULL*	20.00	*NULL*	*NULL*	8,650
4	Proso Millet	Potassium	Vegetative	kg/ha	20.00	10.00	0.00	*NULL*	8,650
5	Job's Tear	Nitrogen	Reproductive	kg/ha	180.00	160.00	140.00	Specific application time is not stated.	8,653
6	Job's Tear	Phosphorus	Reproductive	kg/ha	*NULL*	*NULL*	90.00	Specific application time is not stated.	8,653
7	Job's Tear	Potassium	Reproductive	kg/ha	*NULL*	*NULL*	135.00	Specific application time is not stated.	8,653
8	Hyacinth Bean	NPK 15:15:15	Vegetative	kg/ha	*NULL*	*NULL*	15.00	The plant can fix nitrogen.	8,654
9	Quinoa	Nitrogen	Vegetative	kg/ha	201.75	184.94	168.13	It stated that that maximum yields are possible when 150 to 180 lbs N/acre are available.	8,652
10	Gemsbok Bean (Tylosema esculentum)	Nitrogen	Vegetative	kg/ha	*NULL*	*NULL*	20.00	*NULL*	8,655
11	Gemsbok Bean (Tylosema esculentum)	Phosphorus	Vegetative	kg/ha	*NULL*	*NULL*	40.00	*NULL*	8,655
12	Niger Seed	Nitrogen	Germination	kg/ha	20.00	15.00	10.00	*NULL*	8,643
13	Niger Seed	Phosphorus	Germination	kg/ha	20.00	15.00	10.00	*NULL*	8,643
14	Niger Seed	Nitrogen	Vegetative	kg/ha	20.00	15.00	10.00	*NULL*	8,643
15	Chinese Spinach	Nitrogen	Vegetative	kg/ha	*NULL*	*NULL*	150.00	*NULL*	8,657
16	Chinese Spinach	Phosphorus	Vegetative	kg/ha	*NULL*	*NULL*	25.00	*NULL*	8,657
17	Chinese Spinach	Potassium	Vegetative	kg/ha	*NULL*	*NULL*	50.00	*NULL*	8,657
18	Jicama Yam Bean	NPK 12:24:12	Pre-planting	kg/ha	400.00	350.00	300.00	It is followed by 200 kg/ha of ammonium sulphate when the plants begin to climb. P. erosus can fix nitrogen.	8,659
19	Okra	Nitrogen	Germination	kg/ha	*NULL*	*NULL*	25.00	*NULL*	8,601
20	Okra	Phosphorus	Germination	kg/ha	*NULL*	*NULL*	8.00	*NULL*	8,601
21	Okra	Potassium	Germination	kg/ha	*NULL*	*NULL*	25.00	*NULL*	8,601
22	Okra	Nitrogen	Vegetative	kg/ha	*NULL*	*NULL*	25.00	*NULL*	8,601
23	Taro (Cocoyam)	Nitrogen	Vegetative	kg/ha	80.00	60.00	40.00	Application time is not specified.	8,635
24	Taro (Cocoyam)	Phosphorus	Vegetative	kg/ha	30.00	22.50	15.00	Application time is not specified.	8,635
25	Taro (Cocoyam)	Potassium	Vegetative	kg/ha	100.00	75.00	50.00	Application time is not specified.	8,635
26	Chayote	Nitrogen	Vegetative	lbs/acre	500.00	400.00	300.00	*NULL*	8,661
27	Chayote	Phosphorus	Germination	lbs/acre	*NULL*	*NULL*	50.00	*NULL*	8,661
28	Chayote	Potassium	Germination	lbs/acre	*NULL*	*NULL*	25.00	*NULL*	8,661
29	Chayote	Potassium	Vegetative	lbs/acre	*NULL*	*NULL*	25.00	*NULL*	8,661

Nutrient Intake ID	Crop ID	Fertiliser	Application Time	Application Rate Unit	Amount Max	Amount Mean	Amount Min	Notes	Metadata ID
30	Love-Lies-Bleeding	NPK 15:15:15	Vegetative	kg/ha	*NULL*	100.00	*NULL*	Noted that, the fertilizers were applied by ring method, 5cm radius and about 2cm deep around the Amaranthus plant at the rate of 100 kg N/ha.	8,662
31	Swamp Cabbage	NPK 15:15:15	Vegetative	t/ha	*NULL*	*NULL*	0.50	Applied at second and third week.	8,663
32	Winged Bean	NPK 12:12:17+2TE	Vegetative	kg/ha	*NULL*	*NULL*	1,125.00	Applied when plants are 3, 5 and 8 weeks old. The plant has exceptional nitrogen-fixing properties.	8,665
33	Finger Millet	Potassium	Vegetative	kg/ha	50.00	40.00	30.00	*NULL*	8,664
34	Finger Millet	Phosphorus	Vegetative	kg/ha	40.00	33.00	26.00	*NULL*	8,664
35	Finger Millet	Nitrogen	Vegetative	kg/ha	60.00	50.00	40.00	*NULL*	8,664
36	Asystasia	NPK 15:15:15	Vegetative	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*	8,666
37	Purple Amaranth	NPK 10:10:20	Vegetative	kg/ha	*NULL*	400.00	*NULL*	*NULL*	8,668
38	Malabar Spinach	NPK 10:10:20	Pre-planting	kg/ha	*NULL*	*NULL*	250.00	*NULL*	8,638
39	Malabar Spinach	NPK 10:10:20	Vegetative	kg/ha	*NULL*	*NULL*	250.00	*NULL*	8,638
40	Malabar Spinach (Basella rubra)	NPK 10:10:20	Pre-planting	kg/ha	*NULL*	*NULL*	250.00	Basella rubra is synonym to Basella alba.	8,638
41	Malabar Spinach (Basella rubra)	NPK 10:10:20	Vegetative	kg/ha	*NULL*	*NULL*	250.00	Basella rubra is synonym to Basella alba.	8,638
42	Blue Clitoria	NPK 18:18:5 + 1.5 MgO	Vegetative	kg/ha	*NULL*	90.00	*NULL*	Clitoria ternatea is an N-fixing legume and can be used as a ley legume and as green manure.	8,696
43	Celosia	NPK 15:15:15	Vegetative	kg/ha	*NULL*	400.00	*NULL*	*NULL*	8,702
44	Foxtail Millet	Nitrogen	Vegetative	kg/ha	*NULL*	44.00	*NULL*	Because foxtail millet is fast growing and produces more biomass than annual rye, it is sometimes the preferred choice for restoration of mine lands or steep slopes.	8,705
45	Foxtail Millet	Phosphorus	Vegetative	kg/ha	*NULL*	22.00	*NULL*	Because foxtail millet is fast growing and produces more biomass than annual rye, it is sometimes the preferred choice for restoration of mine lands or steep slopes.	8,705

Nutrient Intake ID	Crop ID	Fertiliser	Application Time	Application Rate Unit	Amount Max	Amount Mean	Amount Min	Notes	Metadata ID
46	Teff	Nitrogen	Vegetative	kg/ha	60.00	42.50	25.00	On light soils the following applications are recommended: 25–40 kg N per ha; on heavy clay soils 50–60 kg N per ha.	8,707
47	Teff	Phosphorus	Vegetative	kg/ha	18.00	14.00	10.00	On light soils the following applications are recommended: 10–18 kg P per ha; on heavy clay soils 10–15 kg P per ha.	8,707
48	Fonio	NPK 15:15:15	Vegetative	kg/ha	60.00	45.00	30.00	*NULL*	8,713
49	Mashua	Nitrogen	Germination	kg/ha	*NULL*	*NULL*	80.00	Application time is not specified.	8,703
50	Mashua	Phosphorus	Germination	kg/ha	*NULL*	*NULL*	160.00	Application time is not specified.	8,703
51	Mashua	Phosphorus	Germination	kg/ha	*NULL*	*NULL*	80.00	Application time is not specified.	8,703
52	Machurian Wild Rice	Nitrogen	Vegetative	kg/ha	*NULL*	40.00	*NULL*	*NULL*	8,723
53	Machurian Wild Rice	Phosphorus	Vegetative	kg/ha	*NULL*	80.00	*NULL*	*NULL*	8,723
54	Machurian Wild Rice	Potassium	Vegetative	kg/ha	*NULL*	40.00	*NULL*	*NULL*	8,723
55	Winged Bean	Nitrogen	Vegetative	kg/ha	80.00	60.00	40.00	In low-input systems, there is potential to grow winged bean on a relatively wide range of soils, because of its propensity to nodulate with different Rhizobia and its efficient nitrogen-fixation activity.	8,724
56	Black Nightshade	Nitrogen	Vegetative	kg/ha	*NULL*	125.00	*NULL*	*NULL*	8,731
57	Black Nightshade	Phosphorus	Vegetative	kg/ha	*NULL*	75.00	*NULL*	*NULL*	8,731
58	Black Nightshade	Potassium	Vegetative	kg/ha	*NULL*	75.00	*NULL*	*NULL*	8,731
59	Marrow	Nitrogen	Pre-planting	kg/ha	*NULL*	150.00	*NULL*	One half before planting, the other half 30 days later.	8,740
60	Marrow	Phosphorus	Pre-planting	kg/ha	*NULL*	150.00	*NULL*	One half before planting, the other half 30 days later.	8,740
61	Marrow	Potassium	Pre-planting	kg/ha	*NULL*	300.00	*NULL*	One half before planting, the other half 30 days later.	8,740
62	Avocado	Nitrogen	Vegetative	kg/ha	250.00	200.00	150.00	*NULL*	8,741
63	Avocado	Phosphorus	Vegetative	kg/ha	40.00	32.50	25.00	*NULL*	8,741
64	Avocado	Potassium	Vegetative	kg/ha	290.00	230.00	170.00	*NULL*	8,741
65	Passionfruit	Nitrogen	Vegetative	kg/ha	*NULL*	250.00	*NULL*	*NULL*	8,743
66	Passionfruit	Phosphorus	Vegetative	kg/ha	*NULL*	50.00	*NULL*	*NULL*	8,743
67	Passionfruit	Potassium	Vegetative	kg/ha	*NULL*	80.00	*NULL*	*NULL*	8,743

Nutrient Intake ID	Crop ID	Fertiliser	Application Time	Application Rate Unit	Amount Max	Amount Mean	Amount Min	Notes	Metadata ID
68	Black Mulberry	NPK 15:15:15	Vegetative	kg/ha	*NULL*	167.00	*NULL*	*NULL*	8,802
69	Bitter Gourd	Nitrogen	Vegetative	kg/ha	*NULL*	50.00	*NULL*	*NULL*	8,805
70	Bitter Gourd	Phosphorus	Vegetative	kg/ha	*NULL*	75.00	*NULL*	*NULL*	8,805
71	Bitter Gourd	Potassium	Vegetative	kg/ha	*NULL*	60.00	*NULL*	*NULL*	8,805
72	Yautia	NPK 15:15:15	Vegetative	*NULL*	*NULL*	*NULL*	*NULL*	Compound fertilizer (NPK 15-15-15) was applied at a rate of 100g per plant to cocoyam (Xanthosoma sagittifolium)	8,806
73	Smooth Loofah	Nitrogen	Vegetative	kg/ha	*NULL*	84.00	*NULL*	*NULL*	8,809
74	Smooth Loofah	Phosphorus	Vegetative	kg/ha	*NULL*	291.00	*NULL*	*NULL*	8,809
75	Smooth Loofah	Potassium	Vegetative	kg/ha	*NULL*	134.00	*NULL*	*NULL*	8,809
76	Lesser Yam	Nitrogen	Vegetative	kg/ha	*NULL*	50.00	*NULL*	*NULL*	8,810
77	Lesser Yam	Potassium	Vegetative	kg/ha	*NULL*	120.00	*NULL*	*NULL*	8,810
78	Potherb Fameflower	NPK 15:15:15	Vegetative	kg/ha	400.00	250.00	100.00	*NULL*	8,814
79	Cabbage-tree	NPK 300:300:150	Vegetative	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*	8,815
80	Breadfruit	NPK 7:10:5	Vegetative	*NULL*	*NULL*	*NULL*	*NULL*	Depending upon the age of the plant N.P.K MIXTURE (7:10:5) 1 to 2 kg / plant can be applied.	8,816
81	African Cabbage	NPK 17:17:17	Vegetative	kg/ha	*NULL*	300.00	*NULL*	*NULL*	8,817
82	Guava	NPK 13:13:21	Vegetative	*NULL*	*NULL*	*NULL*	*NULL*	N.P.K 13:13:21 – 50 grams per plant as basal application,100 grams per plant at two months after transplanting thereafter 400 grams per plant per year.	8,820
83	Moringa	Nitrogen	Reproductive	kg/ha	*NULL*	120.00	*NULL*	*NULL*	8,838
84	Moringa	Phosphorus	Reproductive	kg/ha	*NULL*	100.00	*NULL*	*NULL*	8,838
85	Moringa	Potassium	Reproductive	kg/ha	*NULL*	100.00	*NULL*	*NULL*	8,838
86	Indian Mulberry	Nitrogen	Reproductive	kg/ha	*NULL*	50.00	*NULL*	*NULL*	8,852
87	Indian Mulberry	Phosphorus	Reproductive	kg/ha	*NULL*	225.00	*NULL*	*NULL*	8,852
88	Indian Mulberry	Potassium	Reproductive	kg/ha	*NULL*	50.00	*NULL*	*NULL*	8,852
89	Pitahaya	NPK 15:15:15	Vegetative	kg	*NULL*	0.50	*NULL*	*NULL*	8,859
90	Pitahaya	NPK 13:13:21	Reproductive	kg	*NULL*	2.00	*NULL*	Application after 3rd year, every 2-3 months	8,859
91	Vegetable Fern	NPK 12:12:17+2TE	Reproductive	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*	8,865

Nutrient Intake ID	Crop ID	Fertiliser	Application Time	Application Rate Unit	Amount Max	Amount Mean	Amount Min	Notes	Metadata ID
92	Pitahaya	Nitrogen	Vegetative	g	180.00	110.00	40.00	As far as fertilizer does in concerned 40g Nitrogen and 60 Potassium should be applied to one year old plant. These doses should be increased at same rate. Four and onwards 180 g Nitrogen, 120 g Phosphorus and 180 g Potassium should be applied to each tree	8,861
93	Pitahaya	Potassium	Vegetative	g	180.00	120.00	60.00	As far as fertilizer does in concerned 40g Nitrogen and 60 Potassium should be applied to one year old plant. These doses should be increased at same rate. Four and onwards 180 g Nitrogen, 120 g Phosphorus and 180 g Potassium should be applied to each tree	8,861
94	Pitahaya	Phosphorus	Vegetative	g	*NULL*	120.00	*NULL*	As far as fertilizer does in concerned 40g Nitrogen and 60 Potassium should be applied to one year old plant. These doses should be increased at same rate. Four and onwards 180 g Nitrogen, 120 g Phosphorus and 180 g Potassium should be applied to each tree	8,861
95	Pomegranate	Nitrogen	Vegetative	gm/tree	*NULL*	625.00	*NULL*	*NULL*	8,867
96	Pomegranate	Phosphorus	Vegetative	gm/tree	*NULL*	250.00	*NULL*	*NULL*	8,867
97	Pomegranate	Potassium	Vegetative	gm/tree	*NULL*	250.00	*NULL*	*NULL*	8,867
98	Fava (Faba) Bean	NPK 15:15:15	Pre-planting	kg/ha	100.00	75.00	50.00	Use balanced NPK for initial growth. Adjust based on soil test results. Ensure even distribution for uniform growth.	9,794