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## TABLES

**Table 1: PRE CROPPING PHYSICAL AND CHEMICAL PROPERTIES OF THE SOIL USED**

<b>Soil properties</b>	<b>Content in soil</b>
pH in H <sub>2</sub> O	6.33
Organic carbon (%)	1.08
Organic matter (%)	1.86
Total nitrogen (%)	0.09
Available phosphorus (mg/kg)	0.09
<b>Exchangeable Bases (Cmol/kg)</b>	
Ca	7.6
Mg	0.4
K	0.01
Na	0.5
<b>Extractable micro nutrients (mg/kg)</b>	
Fe	425
Cu	2.7
Zn	52.5
Mn	58.6
<b>Particle size distribution (%)</b>	
Sand (%)	82.5
Clay (%)	11
Silt (%)	6.5
Textural class	Sandy loam

Source: FRIN Ibadan, 2019

**Table 2: PRE CROPPING PHYSICAL AND CHEMICAL PROPERTIES OF THE POULTRY MANURE USED**

<b>Properties</b>	<b>Status</b>
Organic carbon (%)	14.11
Organic matter (%)	24.33



Total nitrogen	1.84
Available phosphorus	0.55
Exchangeable bases (Cmol/kg)	
Ca	4.30
Mg	0.24
K	0.50

Source: FRIN, Ibadan, 2018

**Table 3: *Gliricidia sepium***

% M.C	% D.M	% C.F	% C.P	% E.E	% Ash	Kcal / kg
93.00	7.00	5.12	28.5	7.99	6.00	2.450

Source: FRIN, Ibadan, 2018

**Table 4: EFFECT OF ORGANIC MANURE AND INORGANIC FERTILIZER ON THE PLANT HEIGHT (cm) OF OKRA (*Abelmoschus esculentus*)**

**Weeks after Germination**

Treatments	wk2	wk4	wk6	wk8
T1	8.35a	18.80ab	28.17ab	37.60ab
T2	7.90ab	14.75bc	23.67b	29.53b
T3	8.42a	16.80b	25.50b	35.77ab
T4	8.30a	24.77a	35.17a	45.67a
T5	8.13a	16.33b	24.82b	33.17ab
T6	8.62a	19.20ab	28.37b	38.00ab

T7	7.12b	13.05c	17.25c	20.77bc
LSD	0.78	4.50	5.54	6.85
%CV	5.5	14.5	12.1	11.4
S.E	0.44	2.57	3.16	3.91

Keys:

- T<sub>1</sub> = 10t/ha of Poultry manure
- T<sub>2</sub> = 10t/ha of *Gliricidia sepium* leaves
- T<sub>3</sub> = 150kg/ha of NPK 15:15:15
- T<sub>4</sub> = 20t/ha of Poultry manure
- T<sub>5</sub> = 20t/ha of *Gliricidia sepium* leaves
- T<sub>6</sub> = 200kg/ha of NPK 15:15:15
- T<sub>7</sub> = Control (no treatment).

**TABLE 5: EFFECT OF ORGANIC MANURE AND INORGANIC FERTILIZER ON THE NUMBER OF LEAVES OF OKRA (*Abelmoschus esculentus*)**

Treatments	wk2	wk4	wk6	wk8
T1	3.67	5.33ab	5.83ab	6.83b
T2	3.17	4.67b	5.17ab	6.00bc
T3	3.67	5.33ab	5.67ab	6.83b
T4	3.83	6.17a	6.50a	7.67a
T5	3.33	5.17a	5.50ab	6.50b
T6	3.67	5.00ab	5.67ab	7.00ab

T7	3.00	4.33b	4.67b	5.17c
LSD	0.66	0.88	1.03	0.51
%CV	10.9	9.7	10.5	4.4
S.E	0	0.50	0.59	0.29

**TABLE 6: EFFECT OF ORGANIC MANURE AND INORGANIC FERTILIZER ON THE STEM DIAMETER OF OKRA (*Abelmoschus esculentus*)**

Treatments	wk2	wk4	wk6	wk8
T1	0.88b	2.10ab	2.25ab	2.53ab
T2	0.70bc	1.41b	1.58ab	1.83b
T3	1.10a	1.95b	2.10ab	2.31ab
T4	0.83b	2.52a	2.65a	2.92a
T5	0.78bc	1.80b	1.92b	2.22ab
T6	1.09a	2.00ab	2.03ab	2.37ab
T7	0.32c	2.35a	1.20c	1.48bc
LSD	0.49	1.57	0.51	0.44
%CV	34.1	44.3	14.7	11.1
S.E	0.28	0.90	0.29	0.25

**TABLE 7: EFFECT OF ORGANIC MANURE AND INORGANIC FERTILIZER ON THE AVERAGE NUMBER AND WEIGHT OF PODS**

Treatments	No of pods	Fresh Pod Weight (g)
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T1	7.61	10.20
T2	4.20	6.03
T3	6.13	10.06
T4	9.04	15.62
T5	6.32	9.73
T6	7.44	11.18
T7	3.48	5.87
LSD	2.19	5.87
%CV	8.4	11.41

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