

Supplementary data

Table S1: Mean growth performance and the indices of cucumber vegetable plants at 10 days after sowing, for all organic fertilizer treatments in both the wet season and dry season (length in cm). Means with different letters within rows are significantly different ($p < 0.01$).

Crop	Plant indices	RS					WH				
		T1	T2	T3	T4	T5	T1	T2	T3	T4	T5
Wet Season	Plant Length	33.9b	32.5b	32.2b	31.0b	19.8a	33.2b	30.1b	31.0b	20.7a	18.5a
	Leaf Length	17.9b	18.0b	18.5b	16.9b	13.8a	18.1b	17.4b	17.4b	18.2b	18.8b
	Leaf Width	14.8b	15.9b	15.9b	14.2b	11.4a	15.1b	15b	15.3b	15.6b	16.4b
	Leaf Number	11.1ab	10.8ab	10.8ab	19.7a	11.7ab	10.8ab	9.4a	9.5ab	12.3b	9.6ab
	Root Length	10.8a	10.2a	9.9a	10.7a	11.1a	9.8a	10.7a	10.2a	9.7a	10.7a
Dry Season	Plant Length	50.1e	48.2de	47.2de	45.9cde	29b	41.8cd	39.1c	39.8c	26.8ab	22.0a
	Leaf Length	18.8b	19.6b	20.4b	18.2b	15.2a	19.6b	18.1b	18.6b	19.4b	20.5b
	Leaf Width	16.2b	16.9b	17b	15.7b	12.6a	16.2b	16.0b	16.1b	16.6b	17.8b
	Leaf Number	15.7cd	15.1cd	14.6bcd	25.1e	16.5d	12.7abc	11.2a	11.2a	14.5bcd	11.7ab
	Root Length	15.8b	15.1ab	13.1ab	13.3ab	14.7ab	12.5ab	13.8ab	12.9ab	13.2a	6.6ab

Table S2: Mean growth performance and the indices of cucumber vegetable plants at 20 days after sowing, for all organic fertilizer treatments in both the wet season and dry season (length in cm). Means with different letters within rows are significantly different ($p < 0.01$).

Crop	Plant indices	RS					WH				
		T1	T2	T3	T4	T5	T1	T2	T3	T4	T5
Wet Season	Plant Length	104.5cd	108.5d	109.9d	97.4bc	86.1a	111.2d	108.8d	107.8d	97.6bc	90.3ab
	Leaf Length	27cd	27.5cd	27.7cd	25b	24.2b	28.0d	28.3d	28.2d	25.9bc	20.6a
	Leaf Width	20.7cd	22.2d	21.8d	20.0c	15.1a	21.1cd	21.1cd	20.8cd	17.3b	17.0b
	Leaf Number	35.2cd	39.0d	41.5d	28.8bc	17.8a	38.5d	37.6cd	38.4d	25.2ab	22ab
	Bough Number	2.2abc	2.7bc	2.7bc	2.1ab	1.8a	2.9d	2.8bc	2.8bc	2.2abc	1.6a
Dry Season	Plant Length	147.2cde	158.5de	161.0e	144.4cd	119.3ab	141.9c	134.1bc	134.7bc	121.1ab	115.9a
	Leaf Length	27.8bc	29cde	29.8de	27.3bc	26.5b	30.3de	30.7e	30.7e	28.6cd	22.8a
	Leaf Width	22.8cde	24.4e	23.7d	21.9c	16.5a	23.0cde	23.1cde	22.5cd	18.8b	18.6b
	Leaf Number	46.2cd	53.2d	55.3d	40.4bc	27.0a	48.0cd	46.9cd	47.4cd	32.3ab	27.1a
	Bough Number	3.6cd	3.7d	3.7d	3.2bcd	3abc	3.4bcd	3.5c	3.3bcd	2.8ab	2.5a