

Effect of some biostimulants and organic nutrients on vegetative growth of cowpea plants during 2005 and 2006.

	No. of leaves/ plant		No. of shoots/ plant		F.W. (gm)/plant		Dry w.(gm)/ plant		Relative growth % (R.G.%)	
	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006
	34.90	33.43	9.46	9.43	578.33	560.66	78.40	76.10	124.38	124.89
	33.50	31.56	9.06	9.23	556.00	544.33	73.16	71.40	116.10	117.18
	36.13	34.26	9.60	9.50	606.66	582.33	79.53	77.63	126.17	127.41
	37.60	35.73	10.30	10.06	641.66	622.00	85.00	83.16	134.85	136.49
	32.20	30.90	8.60	8.46	496.00	480.33	66.50	64.56	105.50	105.96
	33.43	31.13	9.33	9.03	578.33	560.33	74.23	72.03	117.76	118.21
	35.70	33.20	9.43	9.20	575.66	567.66	78.20	76.33	124.06	125.27
	37.13	35.40	9.63	9.50	596.33	583.00	79.23	77.40	125.70	127.02
	30.70	28.73	8.20	7.90	474.00	461.33	63.03	60.93	100.0	100.0
	0.59	1.01	0.20	0.28	7.03	6.67	1.82	1.92	-	-

**Effect of some biostimulants and organic nutrients on yield and its components of cowpea plants during 2005 and 2006**

	No.of pods/plant		No.of seeds/pod		Seed yield(gm)/plant		Total seed yield (ton)/fed.		Relative yield %	
	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006
	48.00	46.90	10.86	10.83	56.95	55.18	1.515	1.468	130.3	131.4
ts	46.16	45.33	11.13	11.00	55.40	53.94	1.473	1.435	126.6	128.5
e	48.80	48.10	10.90	10.90	58.56	57.23	1.557	1.522	133.9	136.2
	44.00	44.63	11.83	11.63	61.45	61.89	1.634	1.646	140.5	147.3
	39.86	39.00	11.30	11.23	52.22	50.70	1.389	1.348	119.4	120.7
	45.16	43.76	11.60	11.40	55.10	52.81	1.465	1.404	125.9	125.7
	44.43	43.20	11.10	10.93	57.90	55.58	1.540	1.478	132.4	132.3
	50.10	48.93	11.16	10.93	58.78	57.08	1.563	1.518	134.4	135.9
	38.03	36.76	10.46	10.36	43.74	42.03	1.163	1.117	100	100
	0.68	1.34	0.18	0.13	1.28	1.75	0.046	0.034	-	-