

Design: RCB
Replication: 3
Season: 2012-13
Variety: CB-12

**Unit Plot size**: 4.50 m × 3.60 m **Spacing**: 0.90 m × 0.45 m

**Location:** 3 research farms of CDB

Priority: 1st

Status: 2nd year



Table 2		t of NPKS otton at di			attrib	utes of
Location	Plant Height (cm)	Number of Monopodia/ Plant	Number of Sympodia/ Plant	Number of Bolls/ Plant	B o 1 1 Wt (g)	S e e d C o t t o n Yield (kg/ha)
Sreepur	104.13	1.52	14.95	23.36	5.02	2529
Sadarpur	115.44	2.33	16.45	44.66	5.65	4267
Jagadishpur	116.66	1.66	23.33	25.01	5.40	2875
Level of Signi.	ns	*	*	*	*	*
LSD(%)	11.58	0.32	1.87	5.31	0.19	239.49

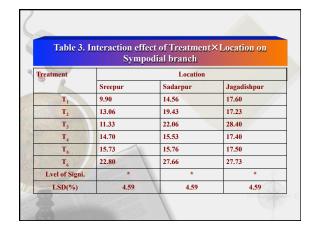
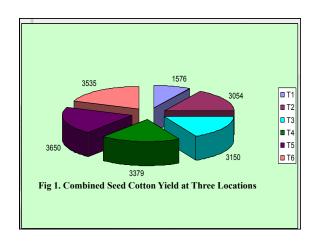


Table 4. Interaction effect of Treatment×Location on Bol					
Treatment	Location				
	Sreepur	Sadarpur	Jagadishpur		
T <sub>1</sub>	4.1	5.1	5.2		
T <sub>2</sub>	4.6	6.0	5.2		
T <sub>3</sub>	5.1	5.3	5.5		
T <sub>4</sub>	4.8	5.3	5.8		
T <sub>5</sub>	5.7	5.9	5.7		
T <sub>6</sub>	5.4	5.3	5.4		
Lvel of Signi.	*	*	*		
LSD(%)	0.47	0.47	0.47		

		COMON (1.	iree locati	3113)		
Treatment	Plant Height (cm)	Number of Monopodia/ Plant	Number of Sympodia/ Plant	Number of Bolls/Plant	B o l l Wt (g)	Seed Cotton Yield (kg/ ha)
T <sub>1</sub>	82.27	0.76	11.43	14.33	4.64	1576
T <sub>2</sub>	101.34	1.71	17.74	26.25	5.35	3054
T <sub>3</sub>	109.62	1.56	18.68	28.23	5.47	3150
T <sub>4</sub>	121.50	2.31	19.65	40.11	5.53	3379
T <sub>5</sub>	126.26	2.40	21.07	37.50	5.67	3650
T <sub>6</sub>	131.47	2.28	20.87	37.64	5.47	3535
Level of Signi.	*	*	*	*	*	*
LSD(%)	16.38	0.46	2.65	7.52	0.27	341.52



Treatment	Seed cotton	Gross	Total Variable	Gross	BCR
Preatment	yield (kg/ha)	Return (Tk/ha)	Cost (Tk/ha)	Margin (Tk/ha)	BCK
T <sub>1</sub>	1576	94560	44080	50480	1.14
T <sub>2</sub>	2954	177240	50600	126640	2.50
T <sub>3</sub>	3150	189000	53866	135134	2.50
T <sub>4</sub>	3379	202740	57152	145588	2.54
T <sub>5</sub>	3650	219000	60960	158040	2.59
T <sub>6</sub>	3535	212100	63672	148428	2.33
Urea=20 Tl	/kg Pr	ice of Seed	=18 Tk/kg		

## Conclusion

From the above results it can be concluded that, treatment T5 (125:50:125:25 kg/ha NPKS) enhance the cotton variety CB-12 to produced the highest amount of seed cotton (3650 kg/ha) from where the highest gross margin (158040 Tk) and the highest BCR (2.59) is obtain. Hence, it is recommended that @ 125:50:125:25 kg/ha NPKS should be applied to get the better seed cotton yield of variety CB-12

