Crystal Blue Water Structuring Unit **INDIA**

RESULTS OF STRUCTURED WATER VS NORMAL WATER –EAS STATION, COIMBATORE-2015.

S.No.	CROP	PLOT SIZE (Sq.m)	YIELD – KG/PLOT		% Increase over Normal Water
			Structured Water	Normal Water	
1	Paddy – ASD 16 – Direct sown	80	49.2	35.3	39.4
2	Paddy- ASD 16 - Transplanted	80	39.4	24.1	63.5
3	Paddy – BPT – Direct sown	80	42.6	29.2	45.9
4	Paddy- BPT - Transplanted	80	39.1	26.2	49.2
5	Groundnut	160	54	40	35
	VEGETABLES				
6	Avarai- Dolichos lablab	160	122	110	10.9
7	Cabbage	80	476 g/Plant	300 g/Plant	58.7
8	Cucumber	160	77	71	8.5
9	Chillies- Green	160	109 g/plant	98 g/Plant	11.2
10	Black Gram-Urd dhal	160	6.60	11.3	
11	Green gram - Moong dhal	160	5.18	8.3	
12	Bhendi	160	246	284	
13	Brinjal	160	350g/plant	402 g/plant	
14	Tomato	160	800 g/plant	944 g/plant	
15	Cauliflower	80	34.7	39.0	

Results:

- **The results are indicative of yield increase when fed with structured water when compared with Normal water.**
- **The yield increase ranged from 8.5 to 63.5%.**
- **In Groundnut, apart from total yield increase the kernels from the structured water were very bold and big, which filled the pods completely while in the pods from normal water fed plants, the kernels were shriveled and deformed.**
- **In some crops like, vegetables and pulses the normal water fed plants gave higher yields when compared to structured water treated plots.**
- **In the initial stages of the trial, there were continuous rains for about 2-3 weeks, which might have interfered with the results. Vegetables, like Tomato, Bhendi, Brinjal & pulse crops(Balck gram/Green gram) were mainly sown during the rainy days while the crops like Groundnut, Paddy etc., were sown later, after the rains.**
- **Hence the results of certain crops which were present at the time of rains didn't give any increase in yield.**
- **The studies need to be repeated during rain free months.**