

Detailed report of processing GDV images of Bore well and Bore Well Structured Water on Cotton Plants

by

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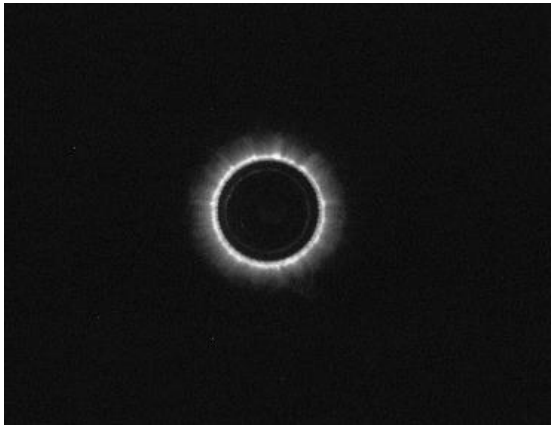
Taos, NM, USA

Date and time of processing: 12/15/2013 5:29:48 PM

The following GDV parameters of GDV images were calculated during processing:

Average intensity
Entropy by isoline

IMAGE SAMPLES



BORE WELL WATER



BORE WELL WATER - STRUCTURED

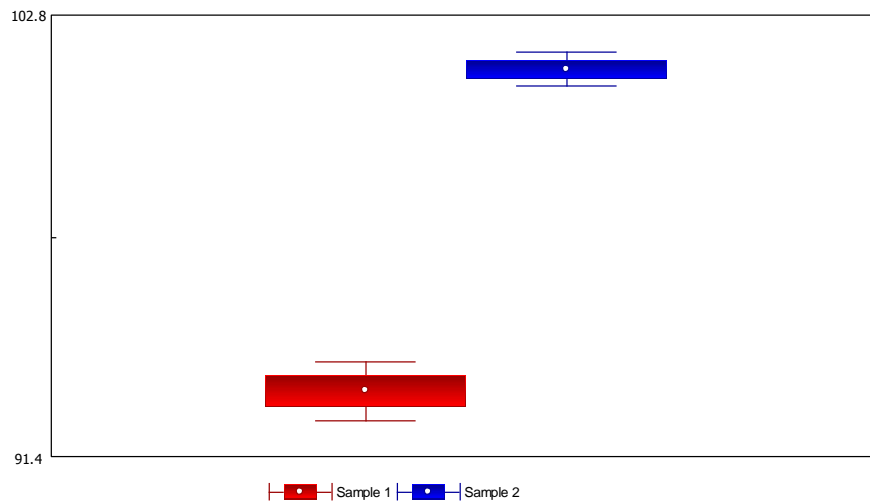
The results of statistical comparison

Statistical comparison of 2 independent samples performed. Used parametric test: Student test

RED: BORE WELL WATER; BLUE: BORE WELL STRUCTURED

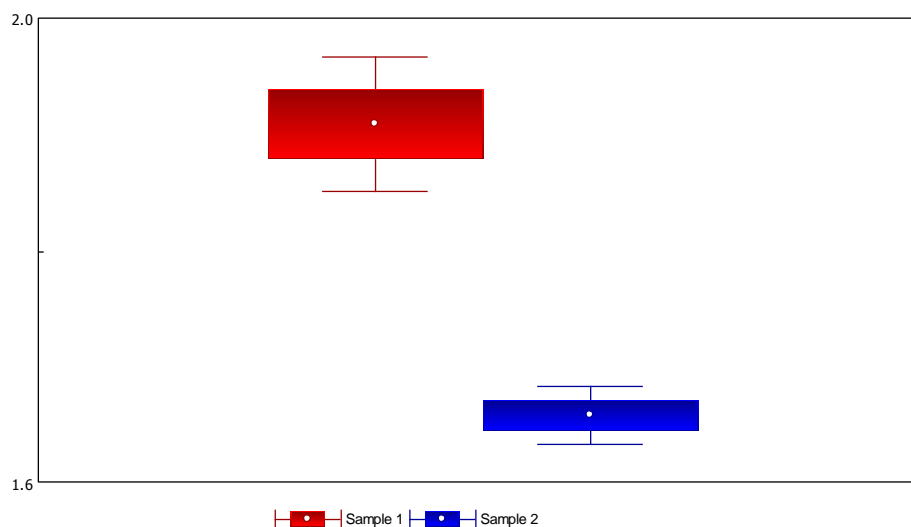
Average intensity

By Student test samples are statistically dissimilar; $p = 4.68839e-023$



Entropy

By Student test samples are statistically dissimilar; $p = 6.3804e-010$



	Area	Average intensity	Entropy by isoline	Spatial fractality
BW (bore well)	606	300	864	388
BWS (structured)	570	876	312	788
criterion	306	576	564	488
z-value	0.3712	5.938	5.691	4.124
p-value	0.7105	2.877e-009	1.263e-008	3.725e-005

OBSERVATIONS / NOTES:

1. *It's clear that the bore well water passing through thru the structuring water device transmits the following:*
 - (a). *Over a 500+ point increase in photon content.*
 - (b). *Over a 500+ point decrease in entropy.*
 - (c). *A 500 point increase in coherence, as noted in spatial fractality.*

2. *These markers can illustrate the findings and observations in the field; as to the rate of growth and yield of the cotton plants fed with structured water.*

3. *These data sets can also open the possibility of reducing water intake to the plants being fed with structured water, by even as much as 50%.*

4. *Preliminary pictures and data below reflect possibilities arising and opens pathways towards innovative approaches in agriculture that could be of valued benefit to the soil; water; plants; farmers; planet.*

Cotton plants – bore well water (Control)



Cotton plants – structured water at 75%



Cotton plants – structured water at 100%



Bud formation – BW : 75% SW : 100% SW



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