

Effects of Bioelectromagnetic Energy on Okra Yields
Using Thought Transaction

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A scientific paradigm shift to replace the existing chemical and biotechnological agricultural practices worldwide is the need of the moment. Evidence of harmful effects of current agriculture on people and the environment is mounting. In our research, the use of chemical fertilizer and pesticides is eliminated, while more than doubling the crop yield. It demonstrates the feasibility to address the global crisis emerging from food shortages for a growing population.

Well-established ancient practices of India for cultivation and good harvest honored sun, soil, rain, seeds and cows as an integral part of farming, and used Panchagavya, a product derived from cow's milk, curd, ghee, dung and urine. Panchagavya contains micronutrients, carotenoids, flavones, phenolic compounds, steroids, vitamins to enhance plant growth. We investigated these ancient practices on okra yield (*Abelmoschus esculentus .L*) within a modern scientific framework at the VMKYKK Research Foundation, Aliyar, Tamil Nadu.

The overarching hypothesis of our research is that plants respond to electromagnetic energy as an external stimulus. Bose (1919) conducted experiments on the response of plants to external electromagnetic stimuli. Quoting Bose, "the growing plants not only perceive but respond to the stimulus of electrical waves. These effects were found in all growing plants". Waechter (2002) reviewed extensive literature and hypothesized that "Qi energy and the Western scientific concept of...bioelectromagnetic (BioEM) energy is the same phenomenon. The countless similarities...suggest...that these two concepts are... intimately related". He further stated that "As one enters a meditative state,... the frequency of brain wave drops..., and that BioEM field extends beyond the physical boundaries of the body into the surrounding space". We hypothesize that the BioEM energy is projected through thoughts, which Rajendran et al (2003) supported. They conducted a laboratory experiment using thought transaction in low mental frequencies on tomato plants. Their observations showed major resistance against root knot nematodes.

We systematically investigated the effect of thought transaction in low mental frequencies and Panchagavya in two plots. In the first, 2 minutes and 5 minutes thoughts were given every morning for the wellness of the crop and good yield. A control set was used against which to

compare yields. The experiment lasted for 60 days. Panchagavya treatment was given as 3% spray at 10 days interval. A second experiment was repeated with only thought transaction excluding Panchagavya. Yield data were analyzed statistically.

Results of both the experiments showed that plants responded exceedingly well to BioEM energy using thought transaction. Okra yield increased by 121% over control set. Panchagavya alone by comparison was found to enhance the yield by 68%. There is no significant difference between combination of thought transaction with and without Panchagavya. Our findings demonstrate that environmental pollution and health hazards can be avoided, and crop yield doubled, by adopting ancient practices that are modernized and scientifically validated.

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