SUGGESTIONS FOR FURTHER RESEARCH WORK

There is a further scope for determining environmental impacts considering other blending ratios as well as schedules of applying Sewage water, Surface water and ground water (e.g. 75%, 50%, 0%; 50%, 50%, 0%; 25%, 75%, 0%, etc.) for irrigations.

It is suggested to consider other different percentage of recommended dose of Nitrogenous and other fertilizers in experimental design.

It is also suggested to take into account other heavy metals for plant and soil investigations as a result of various wastewater irrigation treatments and fertilizer application treatments.

It can be explored the scope for determining heavy toxic metals in a Leachate at various depths below root zone depth and at various interval of time if waste water irrigation is practiced on long term basis.

The research work can be also extended by using different level of treated wastewater (e.g. Primary, Secondary, Tertiary, etc) for irrigation.

It is suggested to monitor the health conditions of people and livestock consuming the agricultural produce raised by various wastewater irrigation treatments in addition to same of workers associated with waste water irrigation.

The research work can be extended by conducting experiments under other crops (e.g. Vegetable, horticulture, fodder, oil, etc), in other season and in other agro climatic zones.

It is recommended to observe environmental and socioeconomic impacts under various types of wastewater application methods.

As far as socioeconomic impacts are concerned, it is suggested to consider qualitative aspects of agricultural produce raised by beneficiaries and non-beneficiaries with respect to wastewater availability.

It is recommended to take into account public acceptance of agricultural produce raised by treated wastewater for human consumption.

It is recommended to consider cost of cultivation (including pumping cost of water) and returns while practicing irrigation with various kinds of water.