
Prior Works Submitted in other Publications

Alleviative effects of Faradarmani Consciousness Field on *Triticum aestivum* L. under salinity stress

Previously, the effects of the Faradarmani Consciousness Field on common wheat *Triticum aestivum* L. var Star under salt stress was investigated, and chlorophyll, hydrogen peroxide (H_2O_2), malondialdehyde (MDA) content, and activity of antioxidant enzymes, such as superoxide dismutase (SOD), polyphenol oxidase (PPO), and peroxidase (POX) were measured in all groups of plants. The results showed that in the salt-treated plants under the influence of Faradarmani CF, the contents of total chlorophyll, as well as a and b chlorophyll forms, were elevated compared with the salt-treated plants without Faradarmani CF (34.8%, 17.8%, and 169% respectively). Additionally, Faradarmani increased H_2O_2 (57%) and the activity of SOD

and PPO by 220% and 168%, respectively, under salinity compared with the salt-treated plants without Faradarmani CF. MDA content and activity of peroxidase were decreased by 12.5% and 34%, respectively. In conclusion, these results suggest the Faradarmani CF as a qualitative strategy to withstand salt stress in plants by increasing the contents of chlorophyll, antioxidant enzyme activities, and decreasing MDA content under salinity.

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