

Effects of atmospheric Dielectric Barriers Discharge plasma treatment on germinated rice

In this work, an effect of atmospheric Dielectric Barriers Discharge (DBD) plasma treatment on germinated rice is presented. A DBD plasma is generated by using a simple apparatus consists of stereo amplifier and car ignition coil. Then, the DBD plasma is used for treating germinated rice with various conditions and results on physical effect, such as root's length, and chemical effect, such as GABA content, are observed. The results show a promising improvement on germinated rice.

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