

B.N.M. Institute of Technology

New Gen Innovation and Entrepreneurship Development Centre “AGROTONA”

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Effective irrigation will influence the entire growth process from seedbed preparation, germination, root growth, nutrient utilization, plant growth and re-growth, yield and quality. The key to maximize irrigation efforts is uniformity. With Agrotona, the water resources are utilized effectively whenever required by the plants for irrigation, and it also helps to improve the overall yield of cultivation and reduce the requirement of human effort. It is also possible to get live notifications or recordings to monitor the humidity in soil. Achieving an idealized application depth and infiltration depth is operose, but with the different sensors embedded in Agrotona like soil moisture, humidity and temperature sensors to monitor the soil, it is possible to apply ample amount of water and hence achieve these ideal conditions.

