

RESEARCH NOTE

Magnetic water : a plant growth stimulator improve mustard (*Brassica nigra* L.) crop production

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A water treated with magnet is called as magnetic water. Magnetic water when applied to normal water, restructure the water molecules into very small water molecules clusters, each made up of six symmetrically organized molecules. This miniscale cluster is recognized by cell as bio-friendly due to its hexagonal structure, because toxins can't travels within the cluster and easily enter the passageways in plant and animal cell membrane. The result provides maximum healthy hydration with less water for the preparation of magnetic water (South pole energy increased tubes with north pole energy produced larger above ground plant). Magnetic water is useful to promote plant growth; in which 30 per cent growth occurs. It facilitated the plant growth as magnetic field neutralize water element. Treated Seedlings markly improve imbibitions and germination of seed. Seedling treatment promotes NPK absorption and increases the stem thickness, increases leaf lamina as well as increases tiller numbers, pod size. Irrigated plant with magnetic water increased chlorophyll content, nitrate reductase activity and reduced permeability of cell membrane at low temperature.

Key words : Magnet, Agriculture, Growth, Mustard seeds (*Brassica nigra* L.), Magnetic water

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