



WHAT IS AQUATECH ?

Aquatech is a Super Absorbent Polymer. A Nontoxic, Safe and environment friendly product. It also Tasteless, non-polluting to plants, soil and groundwater, flowers and fruit trees, reforestation, soilless cultivation of plants refrigerated transportation and other field crops.

WHY CHOOSE AQUATECH?

Aquatech resin is a macromolecule material which can sop up a great lot of water. It is innocuous and can sop up water and release water time after time. We can called it mini- reservoir. Meanwhile, it can also absorb fertilizers, pesticides and release them slowly, swell the efficacy of them. It can be widely used in agriculture, forestry, gardening each.

WHAT MAKES AQUATECH A GREAT PRODUCT?

Nontoxic

Safe and environment friendly, non-toxic and Tasteless, non-polluting to plants, soil and groundwater each.

Save water

can restrain water vaporize, prevent soil erosion, even in irrigated conditions, the water would still be save more than 50%.

Improve soil structure

Improve sticky soil, fertilizer leakage soil, secondary salt and alkali. At the same time it can promote microbial growth, improve the utilization of soil turnover efficiency.

Long life of use

With the characteristics of different types of polymer, it can be cyclic utilization for sop up and release water. The using life can reach six years, so it is the longest life of the soil moisture products on the market currently.

High speed of absorbing

The longest time of natural saturated to absorb is generally about 15-40 minutes the fastest time is 0.4 minutes.

High utilization rate of water fertilizer

Aquatech form a small reservoir in the soil. Make the trace elements reduce by one-third which take in fertilizing, irrigating (or rain) that make water and soil loss. When dry again, the security agent absorb enough water make the soil moist around supply water to roots. Even in the extreme desert and arid climate and rainfall reached 200mm a year, it also can plant trees.

The root cannot putrefied when absorb enough water. The SAP which absorbed enough water expands into hydro-gel crystalloid, even though close to the root systems of plants it will not decompose.

WHAT ARE THE MAIN FUNCTIONS?

- » A Super Absorbent Polymer - absorb the amount of water that be equivalent to or even 100 times their own weight.
- » Fertilizer keeping - It can fix up chemical fertilizers, pesticides and other crop nutrients needed that dissolved in water to reduce the loss of soluble nutrient in a certain extent.
- » Temperature keeping - It has good insulating properties. Applying water, the absorbed water can be used to maintain some of the heat of the daytime light to accommodate the temperature of night.
- » Improving soil structure - Into soil, with the water swelling and shrinkage changes regularly, it can make the soil around change loosen from compaction and porosity increased. There by improving soil conditions to some extent.

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