

## ***Product Description:***

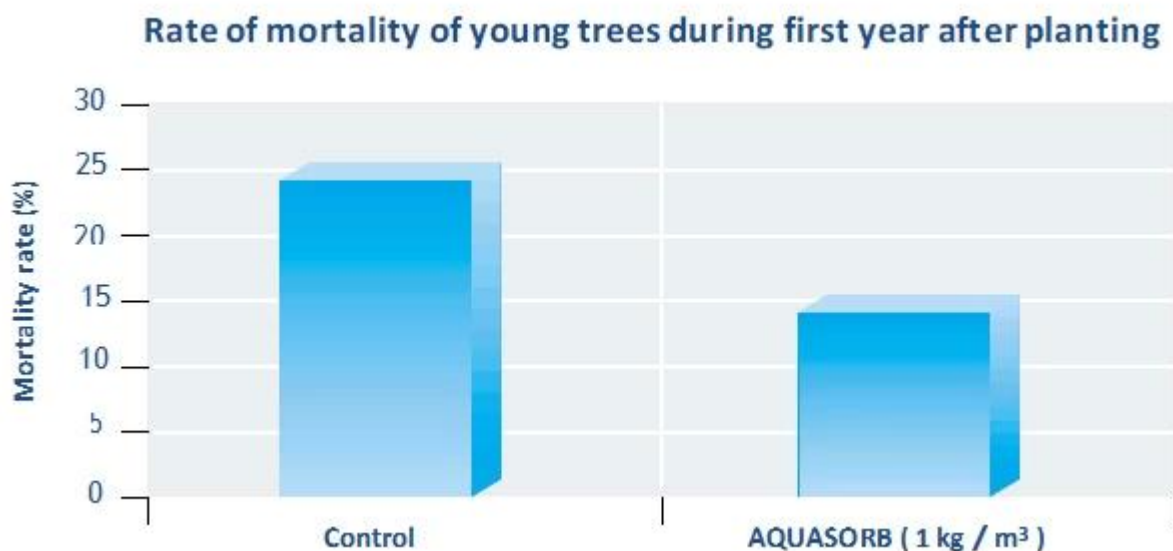
Super absorbent polymer ([China hydrogel superabsorbent crystals sale](#)) is effective in the planting of trees, bushes, and samplings. It makes it possible to reduce the mortality rate due to transplanting shock and to enhance root development and therefore bring about more rapid growth and production.

Its maximum water absorption is as high as 13-14kg/cm<sup>2</sup>, and it can absorb 300-400 times of its own weight. Since the water absorption of tree roots is mostly 17-18kg/cm<sup>2</sup>, the roots of forest trees can directly absorb and store water. The water in the agent, and the absorbed water cannot be squeezed out by ordinary physical methods.

This characteristic of [China Water Retention Polymer supplier](#) determines the wide application of water retention agent in tree drought-resistant and water-saving plant cultivation.

## ***Test Results:***

In arboriculture, SAP reduces the summer mortality of young trees due to transplanting shock by 40% with respect to the control group.



## ***Method & Dosage:***

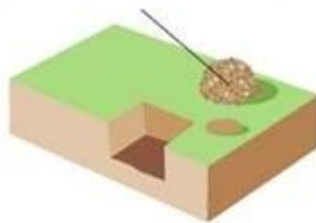
- Dig a hole about three times the volume of the root system.
- Mix 1 to 2 kg of WELLDONE SAP per m<sup>3</sup> into the earth fill.

- The polymer must be evenly mixed into the excavated soil. A small amount of untreated soil must be set aside.
- Place the root ball of the plant at the bottom of the hole and fill in the hole with the treated soil. Make sure that the product is distributed evenly around the roots. Then cover the surface with 5 cm of untreated soil to prevent degradation of the polymer by ultraviolet rays and stagnation of water on the surface.
- Be especially careful not to put unmixed dry product at the bottom of the hole. After hydration, the product would destabilize the plant.

**Water retaining agent mixed soil.**



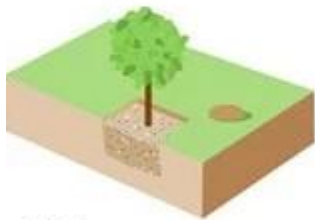
**NO. 1**  
Dig a hole, square or round, the diameter is twice of the root soil ball, and leave a small portion of the soil aside, mix the SAP for the rest.



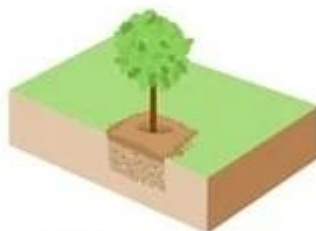
**NO. 2**  
Mix the SAP with most of the soil.



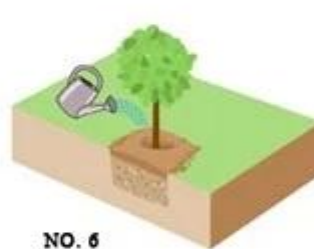
**NO. 3**  
The bottom of the plant hole is backfilled with SAP mixed soil.



**NO. 4**  
Place the tree in the hole and backfill the remaining mixed soil. The top of the root soil ball should be 5cm lower than the ground.



**NO. 5**  
Cover the surface with ordinary soil that had been placed on one side, make water storage pit for irrigation with soil.



**NO. 6**  
If the trees are planted on the hillside, the water storage pit must be made to be the top edge above lower edge, lower than the water pit in the slope, so as to intercept the slope runoff and prevent soil erosion.

**Recommend WELLDONE SAP product :**

WD-KS01 WD-KS05 with granule.

**Dosage:**

1 to 2 kg/m<sup>3</sup> of soil ; Or 100-150g/Tree for adult tree ; 50-80g/tree for fruit tree (young tree)

# Package & Delivery :

WELLDONE · SHANDONG · CHINA

 **About Packing**

