

# V-Hydro Gel

Super Water Absorbent for Agriculture

**Super Water Absorbent can hold water many hundred times its weight**

Control Release





**Pakistan is now on the verge of being a water-scarce country. Water scarcity is generally defined as per capita availability of less than 1000 cubic metres.**

Data from various sources suggests that almost 90% of the freshwater supply in Pakistan is used by the agriculture sector. The agriculture sector uses almost all the water available through flood irrigation which is known to be the least efficient method of irrigation.

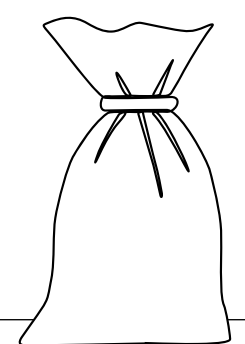




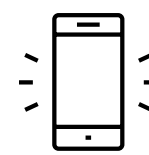
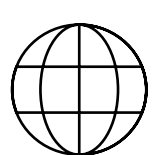
VAN explored the option of Super Water Absorbent to reduce the use of irrigation water. Super Water Absorbent has the capacity to hold many hundred times water its weight.

VAN partnered with students of GIKI in 2013-2014 to conduct basic research on Super Water Absorbent and the project successfully demonstrated the production of SAP in Pakistan. In the following years, VAN conducted field trials to understand the behavior of Super Water Absorbent in the soil of various types especially those with high salinity since in such areas the availability of fresh water is usually a challenge.

Available in **20 Kg** | **25 Kg**



**For Advice & More Guidelines about V Hydro Gel**



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