



4YRS



Verified

ISO



Verified Supplier

POLMER BRAND MANUFACTURE

Customized Service For Soil With Total Solutions



SAP

WD-KS02



Product

LARGER GRANULES

SAP

WD-KS01



POWDER

SAP

WD-KS03





1 SAFETY AND BIODEGRADATION

WELLDONE SAP® polymer degrades naturally in soils (up to 10% - 15% per year) in CO₂, H₂O no residue, pollution of plants, soil.

2 IRRIGATION FREQUENCY REDUCED 50%.

Potassium(K⁺) polyacrylate based SAP can moisture holding Increases the Water Holding Capacity of soils for several years.

3 ENHANCES PLANT GROWTH

Water and nutrients are continuously available in the root zone for optimal absorption by plants.

4 IMPROVING SOIL STRUCTURE

Improves the physical properties of compact soils through good aeration.

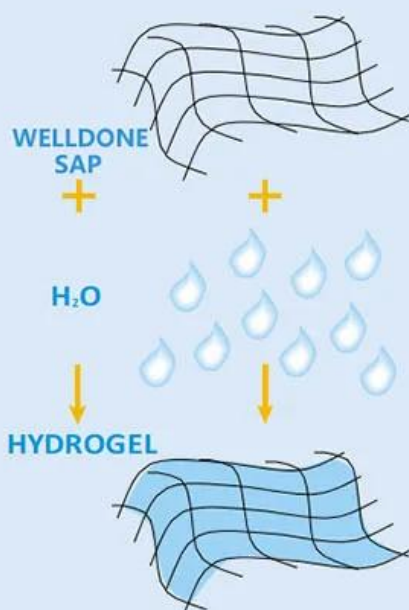
5 LIMITS LOSSES NUTRIENT

Improve the utilization rate of fertilizer, soil water retention agent in the soil formed in the "small reservoir" absorption of fertilizer.

6 LONG SERVICE LIFE

Repeated water absorption expansion and release contraction, Effectiveness in soil up to 5 years.

HOW IT WORKS



ABSORBING WATER

- The polymer consists of a set of polymeric chains that are parallel to each other and regularly to each other by cross-linking agents, thus forming a network.
- When water comes into contact with one of these chains, it is drawn into the molecule by osmosis.
- Water rapidly migrates into the interior of the polymer network where it is stored.

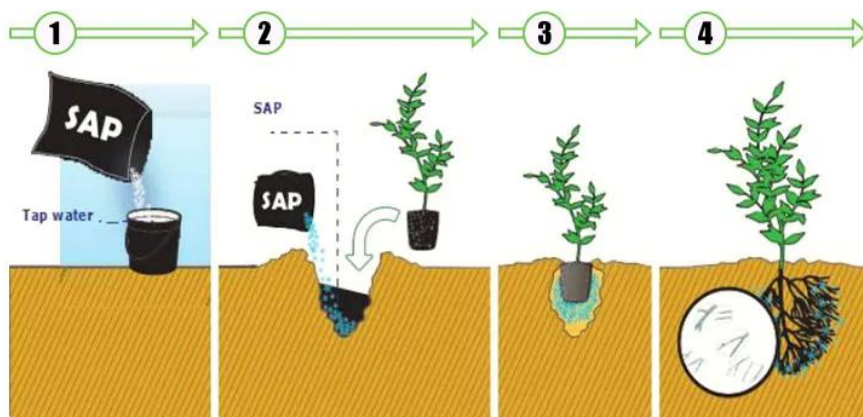
RELEASING WATER

- As the soil dries out, the polymer releases up to 95% of the absorbed water into the soil.

Three main methods of incorporation are proposed according to the application considered.

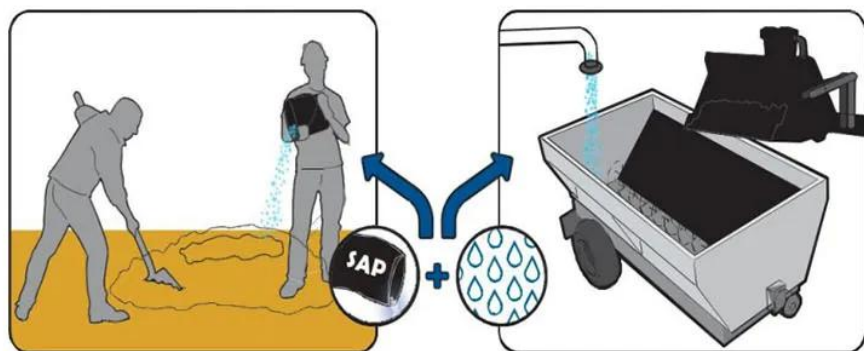
1 FORESTATION

The WELLDONE SAP pre-hydrated is implemented directly in the field, by hand or with specific tools (forestation; landscaping).



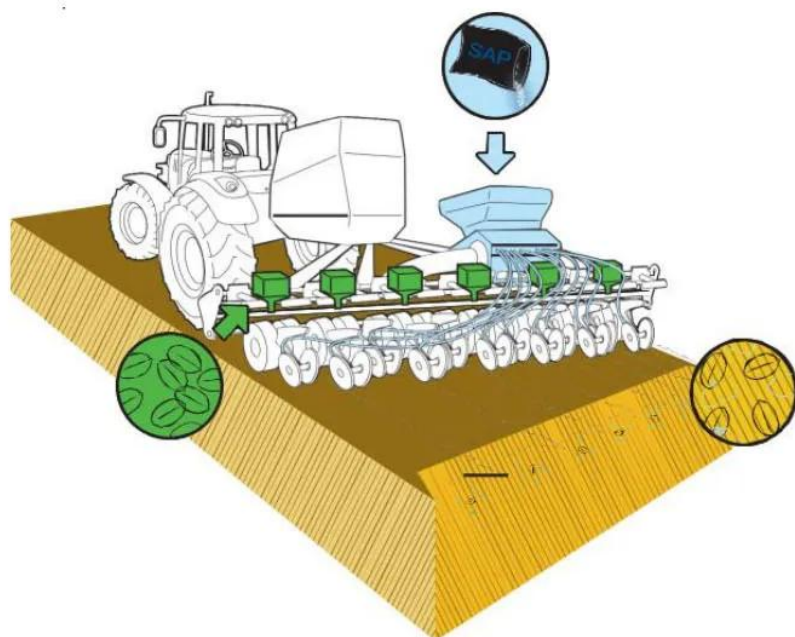
2 POTTING MIXES

WELLDONE SAP is incorporated into a substrate (dry or hydrated), the "mixed" being used for nurseries or potting mix.



3 LARGE SCALE FARMING

The WELLDONE SAP is implemented in the sowing coulter during the crops sowing, by using a pneumatic micro granular spreader. Whatever the mode of incorporation is, the product has to be properly buried into the soil, to be protected from UV radiations.



| Category | Usage | Recommended dosage |
|--------------------------|---|--------------------------------|
| Crops, plants, fruits | 1. Put sap into the quantitative water, after waiting for the forming gel water, put the seed immersed among them, fully mixing. | SAP: seed : water =1:50:200 |
| | 2.The seeds should be soaked for more than three hours, and after filtering and seed coating, they should be treated with no water droplet on their skin, and sap should be spread evenly on the surface of the seed. | SAP: seed=1:30 |
| | 3. Mixing: apply sap to the surface of the ground according to the dosage of 45 kilograms per ha, and then turn up the soil with a depth of about 20cmbefore planting. | 45kg/ha |
| | 4. hole application or ditch application: sap is mixed with the fine soil according to the dosage 1%-3% between 30kg and 45kg per ha, then put directly into the trench. | 30-45kg/ha |
| Sapling | Dips roots: sap and water according to the proportion of 1:200 made hydrogel, also can add soil, sap: water: soil = 1:300:60, fully immersed in | SAP: water: soil = 1:300:60 |

OUR APPLICATION



Large-scale Agroforestry



Plant Cultivation



Bare Root Impregnation



Soil Mixing



Mixing With Fertilizer



Animal Litter



Lawn And Turf



More Applications



Crop



Planting trees



Lawns and sod



Mixing Fertilizers



Horticulture



Fruit tree

COMPANY PROFILE



ABOUT US

WELLDONE is a worldwide competitor and manufacturer of polyacrylamide(PHPA), sodium polyacrylate, poly anionic cellulose for drilling fluid, drilling mud, fluid loss control, EOR, bored piling, friction reducer, fracturing thicker..., and of polyacrylamide(PAM), poly aluminium chloride for industrial wastewater treatment, municipal wastewater treatment, drinking water treatment, sludge dewatering, mineral processing, coal washing, sand washing, paper making, textile sizing. WELLDONE products have been spread to all over the world, and passed the ISO9001&ISO14001, FDA, Halal, Kosher, REACH certificates.

WELLDONE has been listed as CHINA TOP 5 polymer manufacturer with annual production capacity beyond 50,000 metric tons. There are 6 large automated production lines, 2 automated packing lines, 3 large stocking warehouses, 2 large raw materials warehouse. Expecting to offer GREEN CHEMICAL and ENVIRONMENTAL FRIENDLY CHEMICAL, 23 professional engineers are focusing on environmental production technical improvement, 2 teams focusing on offering staff safety guarantee.





Shandong Welldone Environmental New Materials Co.,Ltd is a worldwide competitor and manufacturer of Super Absorbent Polymer(SAP), which is widely used for agriculture, horticulture and hygienic care and industrial product . WELLDONE was established in 2015, have more than 5 years of experience in R&D and manufacturing high quality Super Absorbent Polymer. WELLDONE CHINA had been listed as CHINA TOP 10 Super Absorbent Polymer manufacture.

WELLDONE workshop have 3 production lines, including two medium-sized and one large-scale production lines,The annual production capacity of SAP is 15,000~30,000 metric tons. We have 10 sales teams, 23 professional engineers are dedicated to improving environmental production technology, and 2 teams are dedicated to providing employees with safety protection. We look forward to establishing long-term cooperative relations with companies from all over the world.

MORE +



**FACTORY
WORKSHOP**



RICH EXPERIENCE

WELLDONE specializes in construction additives like hydroxypropyl Methyl cellulose (HPMC), Hydroxyethyl cellulose (HEC), Sodium carboxymethylcellulose (CMC), Redispersible polymer powder (RDP) and Polyanionic cellulose (PAC), more than 10 years' experiences in this field, with ISO and FDA certification and extreme standard let us keep very competitive in the current market.



STABLE DELIVERY TIME

3 production lines, including two medium-sized and one large-scale production lines, the annual production capacity is 20,000 metric tons. Fast delivery.



PRICE COMPETITIVENESS AND QUALITY ASSURANCE

Factory manufacturer, competitive price, quality assurance, after-sales service, any order quantity is welcome.



CUSTOM SERVICE

OEM can be acceptable.
Packaging can be customized according to customer requirements.



CERTIFICATE OF AUTHORITY

ISO9001, ISO14001, FDA, AHF, SGS.



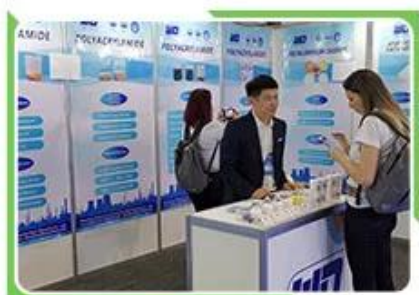
FREE SAMPLE

Free sample is available.

PRODUCTS CERTIFICATES



THE EXHIBITION



PACKAGE & DELIVERY



DRY POWDER



THE EMULSION





ABOUT PACKING



ABOUT SHIPPING



FAQ



-1- What kind of Super Absorbent Polymer can your plant produce?

-A- We could produce Super Absorbent Polymer Items with many particle sizes, mainly use for Agriculture, Diaper, Lady Sanitary Napkin and Pet Pad.

-2- What is your Minimum Order Quantity?

-A- Usually 1 MT, but for trial order, less quantity can be accepted. The price can be discount for the large order.


-3- Can you provide free samples?


-A- Free samples can be offered for your testing and checking, just contact us to get it.

-4- What about the package?

-A- 25kgs per bag or 1000kgs per ton bag,also we can pack as your request.


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WELLDONE SAP

