

WellDone Polímero súper absorbente Polocrilato de potasio tiene tres modelos: polvos, micro gránulos, gránulos. Según diferentes necesidades de cultivos y modelos de tipo de suelo para seleccionar el modelo.

PRODUCT DISPLAY

LARGER GRANULES

SAP

WD-KS01



MICRO GRANULES

SAP

WD-KS02



POWDER

SAP

WD-KS03



Polímero súper absorbente welldone indicador técnico

Nombre	Polímero súper absorbente para la agricultura.
Materia seca	85% - 95%
Aparición del producto.	Seco = polvo blanco Hidratado = gel transparente
PH	6.5-7.5
Tamaño de partícula	Polvos, micro gránulos, gránulos.
Absorción máxima (en w / w) *	≥350 en agua desionizada; 150 en suelo
Dosis	Sustrato: 1 a 2 gramos por litro Transmisión en el suelo: 20 a 50 gramos por
Agua disponible en PF4.2 (punto de marchitamiento casi permanente)	95%
Efectividad en el suelo	Hasta 5 años
Vida útil del producto seco.	2 años
Toxicidad en el suelo	Ninguno en condiciones normales de uso.
embalaje	25kg por bolsa de kraft
Temperatura de almacenamiento	0 ° - 35 ° C

Beneficios y beneficios de polacrilato de potasio súper absorbente de WellDone

1. Seguridad y biodegradación SAP 2. Frecuencia de riego reducida 50%.
3. Investigación de la planta 4. Mejora de la estructura del suelo.
5. Las Pérdidas de las Pérdidas Pérdidas 6. SERVICIO LARGO VIDA

FEATURES & BENEFITS



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.

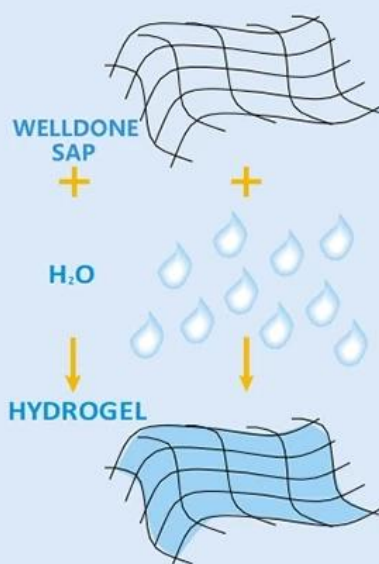
5 LIMITS LOSSES NUTRIENT

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.

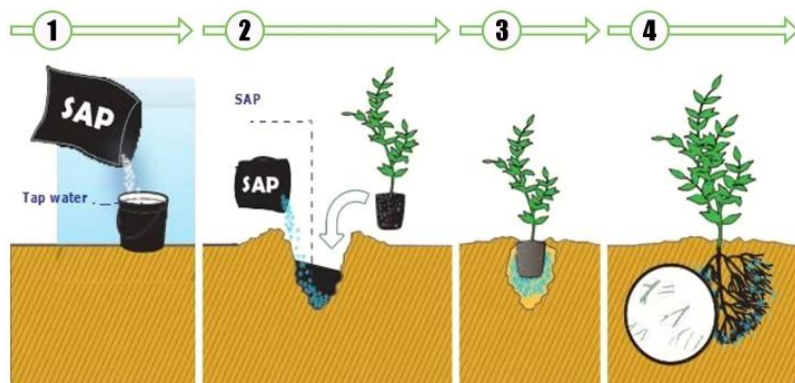
Método de uso del agente de retención de agua SAP Polímero súper absorbente

METHODS OF INCORPORATION

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

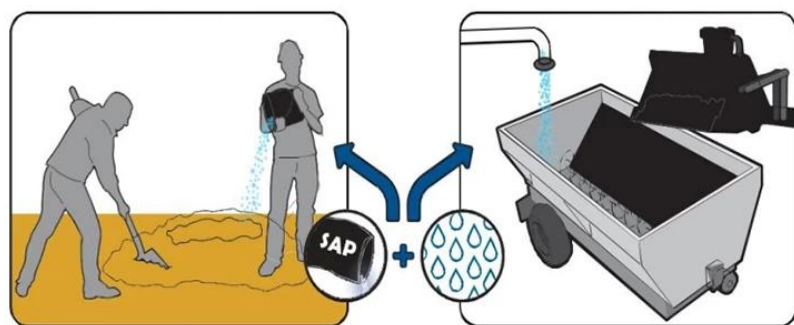
1 FORESTATION

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 coulters 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.

