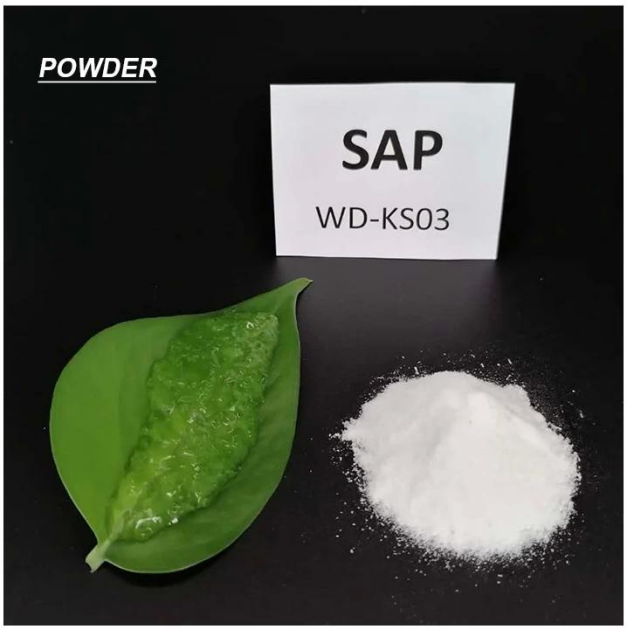
Welldone superabsorbierendes Polymer Kaliumpolyacrylat haben drei Modell: Pulvern, Mikrogranulat, Granulat. Gemäß verschiedenen Erntebedürfnissen und Bodentyp-Modellen, um das Modell auszuwählen.

PRODUCT DISPLAY



Welldone superabsorbierendes Polymer Technischer Indikator

Name	Superabsorbierendes Polymer für die Landwirtschaft
Trockenmasse	85% - 95%
Aussehen des Produkts	Trocken = weißes Pulver Hydratisiertes = transparentes Gel
PH-Wert	6.5-7.5.
Partikelgröße	Pulver, Mikrogranulat, Granulat
Maximale Absorption (in W / W) *	≥350 in entionisiertem Wasser; 150 im Boden
Dosierung	Substrat: 1 bis 2 Gramm pro Liter Sendung auf dem Boden: 20 bis 50 Gramm pro
Verfügbares Wasser bei PF4.2 (nahe dauerhafter Welfpunkt)	95%
Wirksamkeit im Boden.	Bis zu 5 Jahre
Haltbarkeit des trockenen Produkts	2 Jahre
Toxizität im Boden.	Keine unter normalen Nutzungsbedingungen
Verpackung	25kg pro Krafttasche
Lagertemperatur	0 ° - 35 ° C

Welldone superabsorbierende Polymer Kaliumpolyacrylateigenschaften & Vorteile

1. Sicherheit und biologischer Abbau SAP 2. Bewässerungsfrequenz reduziert. 50%.

3.Unternehmen Pflanzenwachstum 4. Verbesserung der Bodenstruktur.

5. Limits-Verluste Mutrient 6. LANGER SERVICE LEBEN

FEATURES & BENEFITS

1 SAFETY AND BIODEGRADATION

WELLDONE SAP ® polymer degrades naturally in soils (up to 10% - 15% per year) in CO2, H20 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.

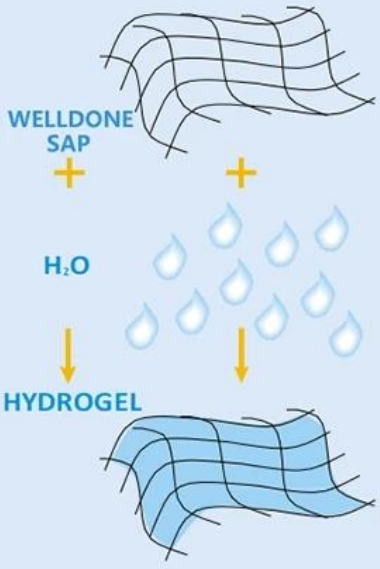
5 LIMITS LOSSES NUTRIENT

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.

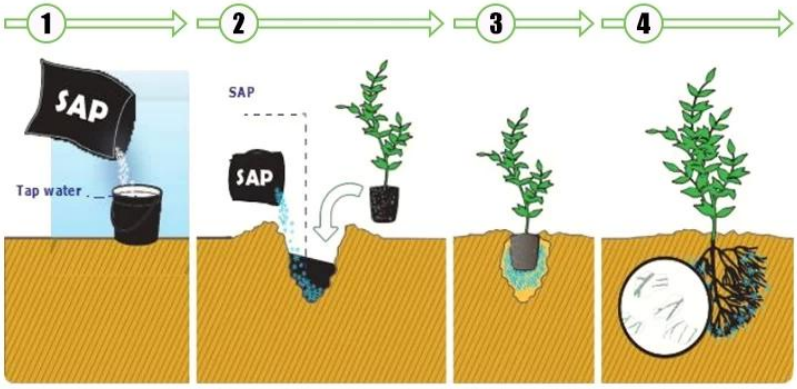
Verfahren zur Verwendung des Wasserhalters SAP superabsorbierendes Polymer

METHODS OF INCORPORATION

Three main methods ofincorporation are proposed according to the application considered.

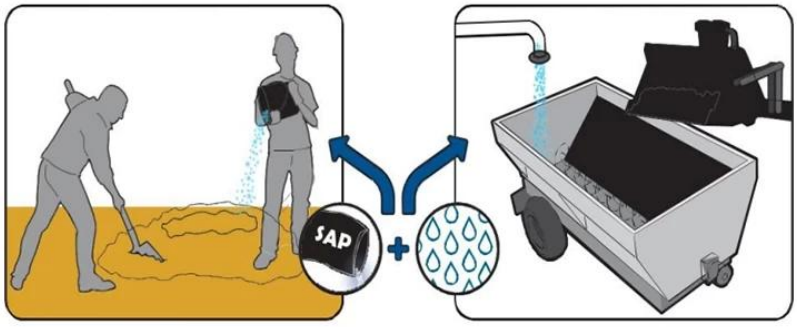
1 FORESTATION

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.