

**Polyacrilato POLACRISIO POLIMERO POLYMER SUPER ASSORBIMENTO ENDDONE** Avere tre modelli: polveri, micro granuli, granuli. Secondo diversi bisogni di coltura e modelli di tipo di terreno per selezionare il modello.

**PRODUCT DISPLAY**

**LARGER GRANULES**

**SAP**

WD-KS01



**MICRO GRANULES**

**SAP**

WD-KS02



**POWDER**

**SAP**

WD-KS03



## Polimero super assorbente welldone Indicatore tecnico

Nome	Polimero super assorbente per l'agricoltura
Sostanza secca	85% - 95%
Aspetto del prodotto	Secco = polvere bianca Idratato = gel trasparente
PH.	6.5-7.5.
Dimensione delle particelle	Polveri, micro granuli, granuli
Assorbimento massimo (in w / w) *	≥350 in acqua deionizzata; 150 nel terreno
Dosaggio	Substrato: da 1 a 2 grammi per litro Trasmesso sul terreno: da 20 a 50 grammi per
Acqua disponibile in PF4.2 (punto di avvolgimento quasi permanente)	95%
Efficacia nel suolo	Fino a 5 anni
Vita di conservazione del prodotto secco	2 anni
Tossicità nel suolo	Nessuno in condizioni normali di utilizzo
Confezione	25 kg per borsa kraft
Temperatura di conservazione	0 ° - 35 ° C

## Caratteristiche e benefici Polyacrilate Polyacrylate Poly-Polymer SuperDone SuperDone

1. Sicurezza e biodegradazione SAP 2. Frequenza di irrigazione ridotta 50%.
- 3.Chances crescita delle piante 4. Migliorare la struttura del suolo
- 5.Limits perdite nutranza 6. Servizio lungo VITA

# FEATURES & BENEFITS



## 1 SAFETY AND BIODEGRADATION

WELLDONE SAP® polymer degrades naturally in soils (up to 10% - 15% per year) in CO<sub>2</sub>, H<sub>2</sub>O no residue, pollution of plants, soil.

## 2 IRRIGATION FREQUENCY REDUCED 50%.

Potassium(K<sup>+</sup>) 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.

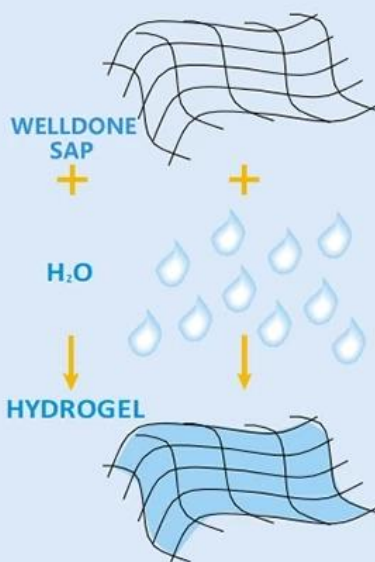
## 5 LIMITS LOSSES NUTRIENT

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.

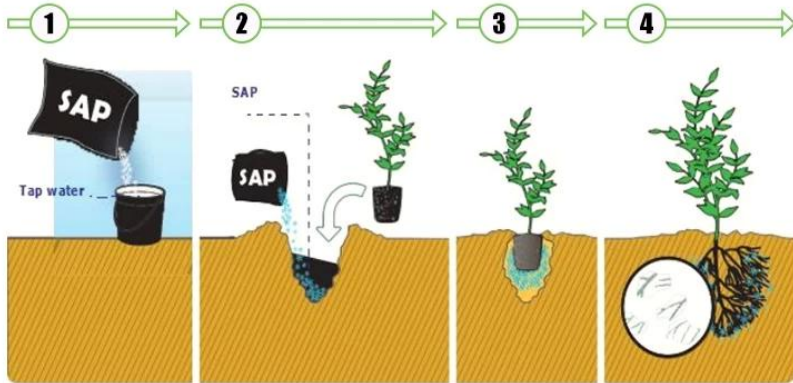
## **Metodo di utilizzo dell'agente di fissaggio dell'acqua SAP super assorbente polimero**

## METHODS OF INCORPORATION

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

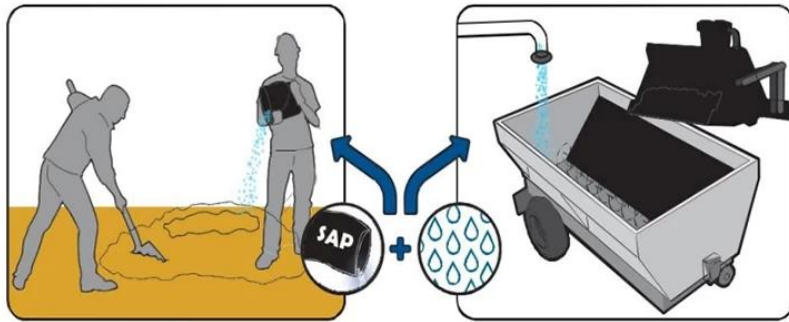
### 1 FORESTATION

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 coultter 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.

