

AgSAP™

HORTICULTURAL SUPERABSORBENT POLYMER

Product Attributes:

The product is a co-polymer of acrylic acid & acrylamide and is ideally suited for soil amendment applications. It is designed to improve the water and nutrient retention of soils. By applying **AgSAP™** to the soil the frequency of irrigation as well as the leaching of valuable nutrients is reduced.

- Highest available water absorbency under soil pressure
- Highest gel strength and stability in the presence of fertilizers and soluble salts
- Life span of up to 5 years
- Potassium based polymer (rather than Sodium polymer)

AgSAP™ increases the number of days between irrigations and thereby reduces watering by 50%.

AgSAP™ will remain in the soil ready to capture water on the next irrigation.

THREE Particle Size Distributions Available:

Small Granulation (Type S)	200 – 800 µm
Medium Granulation (Type M)	800 – 1500 µm
Large Granulation (Type L)	2 – 4 mm



For Samples & Information Contact:



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PRODUCT APPLICATION RATES

Pots/Containerized

Mix thoroughly into media at the following rates:

1 Gallon	1/3 oz.
2 Gallon	1/2 oz.
3 Gallon	3/4 oz.
5 Gallon	1 oz.
10 Gallon	2 oz.
15 Gallon	3 oz.
20 Gallon	4 oz.
50 Gallon	8 oz.

Planting Beds

Mix ½ of the quantity below throughout the planting hole and then amend the backfill with the other ½ :

1 foot² X 1" Deep	1 ½ tsp.
1 foot² X 3" Deep	2 tblsp.
1 foot² X 6" Deep	3 tblsp.
100 foot² X 1" Deep	1 lbs.
100 foot² X 3" Deep	3 lbs.
100 foot² X 6" Deep	6 lbs.

Bare Root Transplants

Dip or spray roots in hydrated AgSAP. Hydrate AgSAP at the following rates:

1 lbs per 25-40 gallon water
4 tsp. per gallon water
1 tsp. per quart water
¼ tsp per cup water

B&B Material Caliper Trunk Diameter

Mix ½ of the quantity below throughout the planting hole and then amend the backfill with the other ½ :

1" – 3"	2 oz.
2" & 8-10 ft	3 oz.
3" & 10-12 ft	6 oz.
4" & 12-14 ft	8 oz.
5" & 14-16 ft	12 oz.
6" & 16-18 ft	16 oz.
7" & 18-20 ft	20 oz.
8" & 20-22 ft	24 oz.

Boxed Trees

Mix ½ of the quantity below throughout the planting hole and then amend the backfill with the other ½ :

24"	6 oz.
30"	9 oz.
36"	12 oz.
48"	16 oz.

Hydromulching

Use at a rate of 10-12 lbs per acre. Pour slowly into the tank before adding fertilizer.

Bulk Soil

Mix thoroughly into media
4 tsp. per cubic foot
2 lbs. per cubic yard

