

Instructions and Dosages

Period of use: In all seasons and preferably before the beginning of the plant cycle.

Good to know: There is no risk of overdose. Respect normal doses for best results. Switch to higher doses in difficult conditions.

Watering Tips: Always water abundantly at planting, then normally for 3-4 weeks at which time you can reduce your watering by half.

Precautions for use:

- ✓ Keep out of reach of children
- ✓ Non-toxic - Do not swallow
- ✓ Safe for the skin
- ✓ If inhaled, no danger of effects requiring special first aid measures
- ✓ Rinse with water if eye irritation occurs
- ✓ Keep dry and protected from U.V.

Sowing in trays, pots, pans or terrines

- 1) Measure the amount of soil that will be used for planting. For each liter of soil add 2 to 3 grams of Water-Hope. Mix in the earth and Water-Hope.
- 2) Use this mixture to line the containers that will house the seedlings.
- 2) Sow the seeds in this mixture.
- 3) Cover your seeds with fine earth without Water-Hope.
- 4) Water by fine rain or spray

Transplanting plants in the soil

- 1) Create your transplanting hole by making a deeper planting hole (+30% minimum) to allow the expansion of the Water-Hope which will swell by capturing water from the soil.
- 2) Insert the recommended dose of Water-Hope in the planting hole (see tables).
- 3) Position your plant normally, garnish and tamp down slightly around the plant.
- 4) Water abundantly.

Transplanting plants in pots & planters

- 1) Calculate the volume of soil (in liters) with which you will fill your pots.
- 2) Mix 2 to 3 grams of Water-Hope per liter of soil that you will use for repotting.
- 3) Fill your pots by up to 2/3 with this improved soil.
- 4) Position your plant and garnish the area of the roots of your plant with your improved soil **but** fill the last 5 cm with soil **not** containing Water-Hope.
- 4) Water abundantly.

Larger plants to embed in open ground (Trees, shrubs)

- 1) Prepare your planting hole making it 30 to 40% deeper than usual to compensate for the expansion of Water-Hope.
- 2) Make a pile with 2/3 of the disbursement of earth and another pile of the 1/3 remaining.
- 3) Mix the recommended dose for your plant (see tables) with the 2/3 earth pile.
- 4) Refill your planting hole with up to 3/4 of the Water-Hope enriched soil all while positioning your plant in the hole.
- 5) Finish up by garnishing the top of the plant's root with the non Water-Hope treated earth.
- 6) Water abundantly.

Grass and lawns

- 1) Mix 30g to 50 g of Water-Hope per m² and 5 to 10 cm deep.
- 2) Cover with 1 cm of soil **without** Water-Hope
- 3) Sow your lawn and lightly cover the seeds with fine soil.
- 4) Water abundantly using sweeping pattern at slow speed.

Proceed in the same way with the lawns or turf in turves. Replace the seedling with the grass turves.

Hydroseeding: Mix 1 kg of Water-Hope for 25 kg of seed before sowing.

Existing plants in open ground, pots, planters ...

- 1) Make 4 to 6 holes around the plant or tree with an auger or core drill 4 to 6 cm in diameter to reach the roots. **Do not use a stake or metal bar.**

For pot plants, make holes with a wooden stick 1 to 3 cm in diameter around the plant over the entire depth of the pot.

- 2) Spread the dose of dry Water-Hope mixed with potting soil or sand in your holes. Fill your holes with by up to ¾ full.
- 3) Complete filling the last 1/4 with non Water-Hope treated earth. Water abundantly.

Difficult or delicate cuttings and seedlings

- 1) Take a minimum of 20 g of Water-Hope (or more depending on the size of the plant) and make it swell overnight with 5 liters of water. The next day, collect the swollen Water-Hope grains in a sieve to drain the excess water.
- 2) In a container, mix 1/3 of inflated Water Hope + 1/3 of river sand + 1/3 of potting soil.
- 3) Fill your planting pots with this mixture.
- 4) Plant your delicate or difficult cuttings or seedlings
- 5) Spray a fine mist of water. Cover and air from time to time. Check the humidity of the substrate.

Dosages - Market gardening

Crops	Direct seeding: <i>DS</i> Transplanting : <i>T</i>	Dosages Water-Hope (grams)					
		A (1g)	B (2g)	C (3g)	D (5 g/mL)	E (7g/mL)	F
			Water available T° normal	Water rare T° high	Water available T° normal	Water rare T° high	special dosage
Artichoke	<i>T</i>		X	X			
Aubergines	<i>T</i>		X	X			
Beans (grains)	<i>DS</i>				X		
Beet root	<i>DS</i>		X	X			
Black radish	<i>DS</i>	X					
Broad beans	<i>DS</i>	X					
Brussel sprout	<i>R</i>		X	X			
Carrot	<i>DS</i>				X	X	
Cauliflower	<i>T</i>		X	X			
Celeriac	<i>T</i>		X	X			
Celery	<i>T</i>		X	X			
Chard	<i>T</i>		X	X			
Chicory	<i>DS</i>	X					
Chili plant	<i>T</i>		X	X			
Chinese cabbage	<i>T</i>		X	X			
Choucroute cabbage	<i>T</i>		X	X			
Christophine	<i>T</i>		X	X			
Corn	<i>DS</i>	X					
Courgettes	<i>T</i>		X	X			
Cucumber	<i>T</i>		X	X			
Curly endives	<i>T</i>		X	X			
Dry beans	<i>DS</i>				X		
Fennel	<i>T</i>		X	X			
Garlic	<i>DS</i>	X					
Green cabbage	<i>T</i>		X	X			
Green/yellow beans	<i>DS</i>				X		
Guinea sorrel (bissap)	<i>DS</i>		X	X			
Gumbo	<i>DS</i>		X	X			
Herbs	<i>DS</i>				X	X	
Jaxatu	<i>T</i>		X	X			
Kiwano	<i>DS</i>		X	X			
Kohlrabi	<i>T</i>		X	X			
Lamb's lettuce	<i>DS</i>				X	X	
Leek	<i>T</i>		X	X			
Lettuce	<i>T</i>		X	X			

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		A (1g)	B (2g)	C (3g)	D (5 g/mL)	E (7g/mL)	F
			Water available T° normal	Water rare T° high	Water available T° normal	Water rare T° high	special dosage
Manioc	<i>T</i>		X	X			
Melon	<i>T</i>		X	X			
Onions	<i>DS</i>	X					
Onions spring	<i>DS</i>				X	X	
Parsnip	<i>DS</i>				X	X	
Parsley	<i>DS</i>				X	X	
Patato	<i>T</i>		X	X			
Pea	<i>DS</i>				X	X	
Pickel	<i>T</i>		X	X			
Pumpkin	<i>T</i>		X	X			
Radish	<i>DS</i>				X	X	
Rocket	<i>DS</i>				X	X	
Shallot	<i>DS</i>	X					
Shallot seeds	<i>DS</i>				X	X	
Sorrel	<i>DS</i>				X	X	
Spinach	<i>DS</i>	X					
Strawberry	<i>T</i>		X	X			
Sugar beet	<i>DS</i>	X					
Sugar cane	<i>T</i>						50 g/mL
Sweet patato	<i>DS</i>		X	X			
Sweet pepper	<i>T</i>		X	X			
Tomato	<i>T</i>		X	X			
Turnip	<i>T</i>		X	X			
Watermelon	<i>T</i>		X	X			
Yam	<i>T</i>		X	X			

Dosages - Fruits

Crops	Dosage Water-Hope (grams)					
	A (8 g)	B (20 g)	C (30 g)	D (33g / an)	E (100 g)	F (300 g)
					Water available	Water rare
					T° normal	T° high
Abricot de pays (mangoustan)					X	X
Abricots					X	X
Actinidia (kiwi)			X			
Almond					X	X
Apple					X	X
Avocado				X		
Banana					X	X
Blackcurrant, blueberry		X	X			
Cherry					X	X
Chesnut					X	X
Clementine, mandarin					X	X
Coconut					X	X
Coffee		X	X			
Date palm						X
Fig					X	
Grape			X			
Grapefruit					X	X
Guava					X	X
Hazelnut					X	X
Limon, limes, combavas					X	X
Litchi, longani, ramboutan					X	X
Mango				X	X	X
Maracuja, passion fruit, grenadine					X	X
Olive tree					X	
Orange, tangor				X	X	X
Papaya					X	
Peach					X	X
Pear					X	X
Pineapple	X					
Plum					X	X
Raspberry			X			
Redcurrant			X			
Tea		X	X			
Walnut					X	X