

Product Information

Solinure® Polymarine

20-20-20+TE+SW

Drip irrigation is a useful practice to enhance water and nutrient use efficiency. The use of drip irrigation significantly reduces nitrous oxide (N₂O) emission compared to furrow and sprinkler irrigation systems.

The ICL Solinure range of water-soluble fertilizers has been developed with three objectives:

- The availability of all nutrients in the correct proportions
- The convenience of solving water quality problems with one product
- Environmental sustainability

Solinure Polymarine is an innovative range of Cl free water-soluble NPK fertilizers enhanced with seaweed and ideal for all crops. The seaweed helps plants to cope with various stresses, stimulates root development, and promotes vigorous growth at all plant stages.

Note: Solinure Polymarine is not compatible with hard water.

Product advantages

- Seaweed within the Solinure Polymarine formula enhances plant metabolism and results in higher yields
- Improves nutrient availability
- Delivers all necessary nutrients
- All-in-one convenience
- Pure ingredients
- Dissolves completely

Specific usage

Solinure Polymarine 20-20-20+TE+SW is adapted to the establishment stage encouraging root development, and to crops' general growth phase.

Direction for use

The normal advised application rate is 40-50 kg/ha per week. Please Contact ICL or your professional advisor for specific advice or recommendations.



Product characteristics	
TOTAL NITROGEN (N)	20%
Nitrate nitrogen (NO ₃ -N) water soluble	4.9%
Ammoniacal nitrogen (N-NH ₄) water soluble	3.4%
PHOSPHORUS PENTOXIDE (P ₂ O ₅) water soluble	20%
POTASSIUM OXIDE (K ₂ O) water soluble	20%
Boron (B) total	0.015%
Copper (Cu) total	0.05%
Iron (Fe) total	0.05%
Manganese (Mn) total	0.05%
Molybdenum (Mo) total	0.007%
Zinc (Zn) total	0.05%

Seaweed

pH at 1g/L: 6.1

EC at 1g/L: 0.9

Guaranteed analysis

10-6-7+TE+SW

20-20-20+TE+SW



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How much Solinure Polymarine should you put in the tank?

	100 liters tank			500 liters tank			1,000 liters tank		
	Dilution ratio								
Feeding	1:50 (2%)	1:100 (1%)	1:200 (0.5%)	1:50 (2%)	1:100 (1%)	1:200 (0.5%)	1:50 (2%)	1:100 (1%)	1:200 (0.5%)
Strength	kg of Solinure Polymarine								
0.2 g/L	1	2	4	5	10	20	10	20	40
0.3 g/L	1.5	3	6	7.5	15	30	15	30	60
0.4 g/L	2	4	8	10	20	40	20	40	80
0.5 g/L	2.5	5	10	12.5	25	50	25	50	100
0.6 g/L	3	6	12	15	30	60	30	60	120
0.8 g/L	4	8	16	20	40	80	40	80	160
1.0 g/L	5	10	-	25	50	-	50	100	-
1.2 g/L	6	12	-	30	60	-	60	120	-
1.4 g/L	7	14	-	35	70	-	70	140	-
1.5 g/L	7.5	15	-	37.5	75	-	75	150	-
1.6 g/L	8	-	-	40	-	-	80	-	-
1.8 g/L	9	-	-	45	-	-	90	-	-
2.0 g/L	10	-	-	50	-	-	100	-	-
2.5 g/L	12.5	-	-	62.5	-	-	125	-	-
3.0 g/L	15	-	-	75	-	-	150	-	-

Use this table to determine how much Solinure Polymarine is required

- Choose the strength needed for the crop in the first column (g/L)
- Choose the tank size: 100, 500 or 1,000 liters.
- Choose the dilution ratio: 1:50, 1:100, or 1:200.
- The resulting figure is the number of kilograms of Solinure Polymarine to dissolve in the tank.

Example: For a feeding strength of 0.8 g/L, using a 1,000 liter tank and a dilution ratio of 1:100, 80 kg of Solinure Polymarine needs to be dissolved in the tank.

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