

Water soluble NPK compound fertilizer with sulphur. Free of sodium and urea, low in chloride (Cl<1%).

For application in dissolved form via fertigation.

**Technical data:**

**Macronutrients:**

12 % nitrogen (N)  
6 % NO<sub>3</sub> nitrogen  
6% NH<sub>4</sub> nitrogen

34% potassium-oxide (K<sub>2</sub>O),

27 % sulphur (SO<sub>3</sub>)

**Physical properties:**

Crystalline salt

**Colour:**

grey-green

**Bulk density:**

approx. 1000 g/l

**Storage:**

NOVATEC Solub 12-0-34 can be stored in the unopened original container for several years. Opened containers should be used up or be resealed immediately; the product is slightly hygroscopic.

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12/2003/NOVATEC Solub 12-0-34

Marketed by:  
COMPO GmbH & Co. KG  
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48157 Münster  
Germany

## NOVATEC® Solub 12-0-34

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### Recommendations for application:

NOVATEC Solub 12-0-34 contains all necessary plant nutrients for a complete fertilization of agricultural and horticultural crops. Its excellent solubility prevents clogging of drip emitters and sprayer nozzles. As, however, certain types of water may lead to precipitation even without the addition of fertilizer, special care is required where such waters are used with NOVATEC Solub 12-0-34.

### Liquid Fertilization:

400 l water/100 m <sup>2</sup> (=4 mm)	Fertilizer concentration	NOVATEC Solub g/100 l water	Number of fertilizer applications/week
vegetables			
nursery	0.1 - 0.3	100 - 300	1 - 2
transplanted	0.2 - 0.4	200 - 400	1 - 2
cutflowers	0.2 - 0.3	200 - 300	1 - 2
potted plants			
nursery	0.05 - 0.3	50 - 300	1 - 2
main development	0.1 - 0.4	100 - 400	1 - 4

If leaves are wetted by the concentrated NOVATEC Solub 12-0-34 solution used for liquid fertilization, it is recommended to rinse the plants with clear water.

### Drip irrigation:

Fertilizer rate and timing depend significantly on the fertigation technique used so that no valid general recommendations can be given.

For fruits and vegetables the following maximum amounts should not be exceeded with continuous drip irrigation.

Sensitivity of crops	Max. amount of NOVATEC Solub in g/l water*	Crops
high	1.3	deciduous fruits, citrus, strawberry, peppers, lettuce, carrots, beans
medium	2.5	tomato, melon, other cucurbits, spinach
low	5.0	beetroots, asparagus

\*When the electric conductivity (e.c.) of the irrigation water is close to 0. The maximum amount of NOVATEC Solub which may be applied is reduced in the case of irrigation water of high e.c.

For crops with high sensitivity against Ca-deficiency (Sweet-Pepper) an application of NOVATEC Solub at the late stage of fructification is not recommended due to the antagonism of NH<sub>4</sub>- and Ca-uptake. Nevertheless, an NH<sub>4</sub>-Fertilization with NOVATEC Solub for this crop in spring time is associated with the known advantages of NOVATEC.

### Notice to buyer:

Careful tests have proven that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use are beyond our control and we are unable to foresee all circumstances arising therefrom, we are only liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

Any hardening of NOVATEC Solub 12-0-34 that may occur during prolonged storage does not influence the chemical quality and solubility of the product.