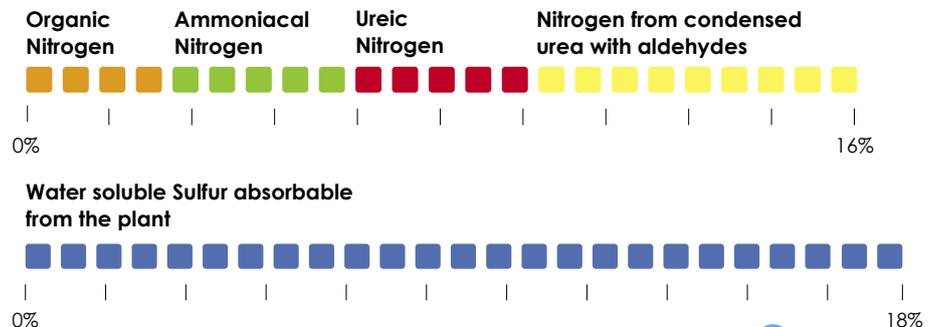




# SPRINTER-S®

WHEAT, CORN, SUNFLOWERS, SOY, CHICKPEAS  
RICE AND SUMMER INDUSTRIAL CROPS



PACKAGING	BOTTLE kg 1	KEG kg 250
	TANK kg 6	TANK kg 1250
	TANK kg 25	



**SPRINTER-S®** is a formula for foliar use through treatment bar. For wheat, corn, rice and summer crops like sunflowers and soy. Its main effect is the contribution of nitrogenous nutrient and vegetative stimulation during the most important phenological phases of the growing period and, thanks to the easily absorbable sulphur, the product facilitates the increase of the unit weight and of the protein content.

It can be mixed with pesticide phytochemicals and herbicides (as long as they are not strongly acid) with the aim of preventing-healing potential episodes of stress of the plant, also caused by aggressive blends of active principles. These mixtures must be prepared only immediately before field distribution.

The main four nitrogenous elements contained in the product ensure the nutrition to be:

- accurate and helpful thanks to Ureic Nitrogen
- gradual and persistent during the days following the treatment thanks to Condensed Nitrogen
- stimulating and vigorous thanks to Organic Nitrogen (aminoacids).

**SPRINTER-S®** is a liquid formula whose characteristics guarantee stability in time. It doesn't leave debris on the bottom nor does it clot; it remains in its original state even if stored for several months (with the appropriate conditions of preservation). For its usage it doesn't require specific attentions other than the regular ones for professional use of products. It is different when it comes to the product mixed with phytochemical principles: in this case, prescriptions are following.

Summer treatments should be performed during the freshest hours of the day (hours with the highest insolation rate must be avoided).

The main usage is through foliar way; however, if the product falls on the ground it is equally absorbed by the roots of the crop, so there is no waste.

It can also be mixed with hydrosoluble salts if a more complete nutritional program is desired.

## NUTRITIONAL BLEND PREPARATION

- 1) Pour water in the mixture barrel
- 2) Slowly and gradually pour SPRINTER-S in the barrel (for dosage please check the back of the data sheet)
- 3) Shake in order to uniform the blend

DURING THIS PHASE IT IS POSSIBLE TO ADD MINERAL SALTS OR PESTICIDES WITH THE RECOMMENDED DOSE

- 4) Attention: the organic-mineral nature of the product in the long run can give a "foam effect". That effect can be removed by using an appropriate anti-foaming product or by slowing down the blending process.
- 5) Sprinkle the crop with adequate spray tips through foliar way; it is recommended to use all the mixture prepared in order to avoid the formation of possible debris on the bottom if the solution remains in the barrel.

## AVERAGE CONTENTS AS SUCH

Total Nitrogen (N)	16%	<b>Raw material:</b> hydrolized animal epithelium fluid, urea, formurea	
Organic Nitrogen (N)	2,8%	Specific weight	1,2 kg/l
Ammoniacal Nitrogen (N)	3,7%	Dry matter	40% (organic+mineral)
Ureic Nitrogen (N)	4%	pH	7 - 7,5
Nitrogen from condensed urea with aldehydes	5,5%	Salinity	15 dS/m
Sulphur trioxide soluble in water (SO <sub>3</sub> )	18%	Total aminoacids	17% as such
Organic Carbon (C) with biological origin	8%	Free aminoacids	3% of the total as such
		Colour of the product as such	brown

**N.B.:** there is no presence of biuret= biuret is the molecule which is generated by the condensation of two Urea molecules. It can be toxic both for roots (if distributed >1%) and for leaves (if distributed >0,30%)

## METHODS OF INTERVENTION AND DOSAGE FOR THE CROPS

Recommended dilution 2 kg/100 l for treatments with 1000 l

### SMALL-GRAIN CEREALS (common wheat, durum wheat, barley, oat, triticale)



The usage of SPRINTER-S is indicative during the different phenological phases:

- 1- possible treatment at the stage of tillering-beginning of rise for nutritional purposes. Dosage can vary from 20 to 25kg/hectare/treatment, depending on soil condition and on foliar system, respectively the dosage is from 3,6 kg to 9 kg of nitrogenous units.
- 2- in a blend with herbicides during springtime and with fungicides. In this case dosage should be reduced to 4-5kg/hectare/treatment. Action is synergic: VEHICULAR- ANTISTRESS- NUTRITIONAL- PROTEIC SYNTHESIS.
- 3- during earing phase, in order to help one of the most important aspects of growth. In this case dosage can vary from 4 to 10kg for treatment depending on the crop condition. Action is mainly NUTRITIONAL and Sulphur influences the proteic content and its specific weight.

### CORN-SUNFLOWER



**SPRINTER-S®** can be used during two different phenological phases:

- 1- at the stage of 5th-6th leaf, as a proper foliar fertilization (everything that falls on the ground is however absorbed through the roots) in difficult starting situations for the plant (when the seeding is performed too late or on wet soils) with the aim of homogenizing the growth. Recommended dosage ranges between 20 and 25 kg/hectare/treatment, providing approximately 5-11 nitrogen units.
- 2- after flowering, at the beginning of the vesting period, in order to support this important phase of kernel filling. Dosage ranges between 15 and 20 kg/hectare/treatment.

### RICE



**SPRINTER-S®** finds its best usage on rice by mixing it with phytochemicals, with an antistress action, since treatments are often aggressive (because of the aquatic environment) and the plant needs restorative properties.

The same thing goes for fungicides fighting rice blast (*pyricularia oryzae*) in July. Dosage varies between 7-10 kg/hectare/treatment.

### LEGUMES (soy, chickpeas)



As known, soy belongs to the legumes family, so it doesn't require high nitrogen units for its growth cycle. For this reason it is possible to intervene with **SPRINTER-S®**, depending on the field situation, in three different moments with the aim of increasing specialized nitrogenous nutrition:

- 1- during the stage of 6th-7th leaf, to facilitate the release of the crop in case of thermal stress, difficult sowing (humid soil). The product that falls on the ground will be absorbed by roots. Dosage can vary a lot depending on the presence of NP fertilization at the moment of sowing: 20-25 kg/hectare/treatment.
- 2- during the phase of pods-fruit set; dosage is reduced to 10-15 kg/hectare/treatment.
- 3- in the phase of maturation, in order to facilitate the average weight of pods and their protein content. Also in this case, dosage can vary between 12 and 20 kg/hectare/treatment. Treatments always depend on the plant condition and on the fertilization plan performed.

### ATTENTION:

- **SPRINTER-S®** does not provide reference to any kind of danger, starting from raw materials of formulation. There is also a Safety Data Sheet (SdS) on which instructions of behavior are written.
- Please use the product according to the rules of "good agricultural practice"
- The product is stable in normal temperature and pressure
- Store it in temperatures between 4°C and 25°C
- The product is not combustible

**The above mentioned doses are indicative and may change according to climatic characteristics of each area (fertility: physical and biological; rainfall and temperature). Also, they should be included in the entire fertilization plan.**

<p>Product should not be in contact with plant's roots. The product is for professional use only.                  → Keep out of reach of children and animals</p>	<p>Keep in a sheltered dry place.</p>		<p>The analytical data written on packaging follow the instruction of the regulation in force. All data included in this publication are indicative. FOMET reserves the right to change them without prior notice.</p>	<p>Properly dispose of packaging.</p>
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