

CHEMICAL COMPOSITION

		Typical	Guaranteed
Total nitrogen	(N)	28.0 %	min 27.5 %
Ureic nitrogen	(N)	11.5 %	min 11.3 %
Nitrogen from formaldehyde	(N)	16.5 %	min 16.1 %
Urea			
pH		10	

PHYSICAL CHARACTERISTICS

	Typical
Appearance	liquid
Color	Colorless
Density	1.25
Viscosity (20°C)	25 mPa.s

ADDITIONAL INFORMATION

Origin	Belgium
Storage	To be stored in a clean, dry and ventilated warehouse.
Packaging	1000 L IBC

Liquid nitrogen fertilizer containing urea formaldehyde (slow release effect).
EU tolerance on fertilizer content as per regulation n° CE 2003/2003 dated October 2003 to apply.
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

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HELIO N28 SR

The smart nitrogen application
through the leaf



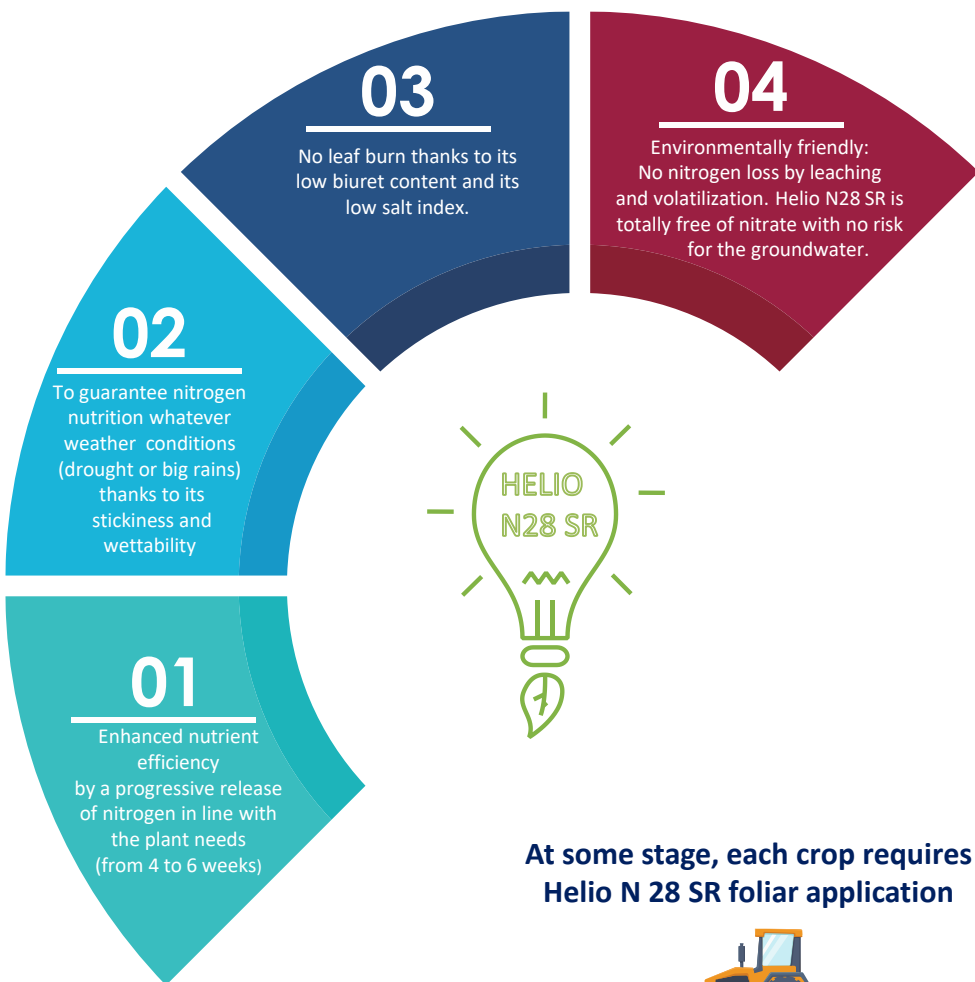
Helio N28 SR, What is it?

Helio N28 SR is a low biuret foliar fertilizer combining two forms of nitrogen:

→ 11.5% N from Urea for a fast nitrogen release after application.

→ 16.5% N from Methylene- Urea for a slow nitrogen release.

The advantages:



At some stage, each crop requires Helio N 28 SR foliar application



How to use Helio N28 SR?



Target crops	Wheat	Vine	Fruit tree	Vegetable/ Potato
Rate of application / ha	30 L/ha	25 L/ha	10 L/ ha (x3)	15L/ha (x2)
Packing for the farmer	20 L drums or IBC 1000 L			
How to apply?	Spraying: 30L/ha within 150-200 L of water mix with other chemicals	Spraying: 25L/ha diluted at least 10 times in water	Spraying: 10 L/ha within at least 250-350 L of water mix other chemicals	Spraying: 15 L/ha within at least 150 L of water mix other chemicals
When to apply?	Wheat: Early heading stage (BBCH 50-55) Maize: 8 leaves	Ripening stage	During fruit growth & Post-harvest	Vegetative stage Potato: At tuber formation
Approximate costs for the farmer*	54 \$/ha	45 \$/ha	54 \$/ha	54 \$/ha
Return for the farmer	Wheat: + 10 % Yield + 9% Protein (source Sadef France 2015) Maize: +9 % yield (source CIPF Belgium 2016)	+ 57 % of nitrogen in the must 2. Higher thiol content 3. Higher longevity of the vineyard (source Olea France 2016)	1. Increase N reserves and therefore improve flowering, fruit set and growth in the following season 2. Higher longevity and better profitability over the years	Higher marketable yield Healthy growth Potato: +14% of yield, +2.5% of potatoes with size > 50 mm (source CRAW Belgium 2016)
Expected profit per ha for the farmer*	Wheat + 145 USD/ha Maize: + 171 USD/ha	Fruit quality & lifespan increase	Fruit quality & lifespan increase	Yield and quality increase Potato: + 400 USD/ha
Expected profit for the distributor*	20 % (400 USD /1000L) +/- 10 € / ha			

* All prices will be redefined according to destinations and quantities ordered

Why is the product working?

- Because nitrogen is bring in a foliar form allowing a high nitrogen efficiency
- This quantity bring sufficient nitrogen for the plant to overpass supply difficulties
- The quality of the product avoid any foliar damage thanks to the very low biuret content

Why is Heliopotasse Helio N 28 SR the solution for the fertilizer distributor ?

- Because HP have associated itself as marketer for agriculture of a production company of extreme high level in mastering the chemistry, our products are of the best quality and the safest on the market.

Why should a distributor sell our nitrogen foliar range?

- Because it is a good product for agriculture and is fully in the trend for the new fertilization practice which are coming.
- Because it's an innovative products who emphasize dealer' technicity skills and brings profitability.