www.cich.ro

CICh®

for a good growth

- Util San NG
- Bazic NG
- Bazic Plus S NG
- Amosulf NG
- Uree NG
- Premium NS 33
- Premium NS 40
- Nitrodin
- Nitrosan
- Nitro 30N

preparations for SPRING

NG
N-GUARD technology

BAZIC NG/ 27% N

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	**Nitric Nitrogen (NO3)**	Ureea Nitrogen	**CaO**	**MgO**
13,5%	**13,5%**	**-**	**13,0%**	**9,0%**

FEATURES

Aspect	Colour	***Technology***	Granulometry 2 - 5 mm	ph
Granule	Blue	***NG***	95%	6,9

AMOSULF NG/ 33% N

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	Nitric Nitrogen (NO3)	**Ureea Nitrogen**		**Sulphorus (SO3) soluble in watter**
10,0%	**-**	**23%**	**-**	**29,0%**

FEATURES

Aspect	Colour	***Technology***	Granulometry 2 - 5 mm	ph
Granule	Yellow	***NG***	92%	6,8 - 7,2

UTIL SAN NG/ 21% N

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	Nitric Nitrogen (NO3)	Ureea Nitrogen		**Sulphorus (SO3) soluble in watter**
21%	**-**	**-**	**-**	**58,0%**

FEATURES

Aspect	Colour	***Technology***	Granulometry 2 - 5 mm	ph
Granule	Pink	***NG***	90,80%	4,0 - 5,0

BAZIC Plus S NG/ 27% N

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	Nitric Nitrogen (NO3)	**Ureea Nitrogen**	**CaO**	**Sulphorus (SO3) soluble in watter**
4,0%	**-**	**23%**	**15,0%**	**13,0%**

FEATURES

Aspect	Colour	***Technology***	Granulometry 2 - 5 mm	ph
Granule	Blue	***NG***	95%	7,0

UREE NG/ 46% N

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	Nitric Nitrogen (NO3)	**Ureea Nitrogen**		
-	**-**	**46%**	**-**	**-**

FEATURES

Aspect	Colour	***Technology***	Granulometry 2 - 5 mm	ph
Granule	Green	***NG***	92%	8,5 - 9,0

GENERAL PRINCIPLES OF RATIONAL NITROGEN FERTILIZATION

- **Fertilizer must be made in controlled conditions,** so we can provide the optimal use of fertilizers who exist on the soil and the fertilizers from the minerals and organics fertilizers apllied;
- A good practice agricultural it is considered **adaptation of fertilization and the moment of performing its**, according to tipe of the agriculture crop, the fertilizer technology and the characteristics of the soil;
- **Rational fertilization - in order for a crop to produce to a quantitative and qualitative level** in coresponding with him potential, in favorable conditions of environment, the culture must have the minerals fertilizers in quantites and adequate proportions, on the whole vegetation period.
- **The soil is the the main source of water and nutrients for plants;**
- **The level of fertilization of a soil can be degraded** if the technology of the culture is wrong, or can grow if the technologies are appropriate and designed to improve the characteristics of the physical, chemical and biological of the soil;
- **It is essential to drow up a fertilizer plan at the level of each agricultural exploitations;**
- **The Nitrogen (N) it is through excellence specific nutrient for growth and development of plants;**
- Because of the Nitrogen behavior in the soil, it requires fertilizer with this nutrient and the techniques of culture, who influence the evolution in the soil, must be conducted in a manner that **limits to maximum the losses of water,** and by lowering the risk of contamination with nitrates;
- **The transformation in soil of fertilizers with nitrogen,** with the transition of nitrogen from one chemical form to another it **may result most of the times with losses of mineral assimilable nitrogen** and with the modification of the reaction of the soil that will decreace the fertilizers efficiency;
- **The process of the leaching and the process of volatilization are the processes by which they produce losses of nitrogen.**

For increasing the efficiency ➤ CICh Solution ➤ NG Technology

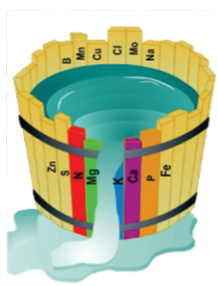
- Natural nitrification inhibitor N-GUARD
- N-GUARD - Repellent effect to insects
- N-GUARD in CICh products -with N and NS
- Drastically reduce the losses of N due to leaching, denitrification, or volatilization
- Controlled release of N in 70 - 90 days.
- N at the the plant disposal in critical periods and with maximum consumption
- N-GUARD - The application of N in the vegetation period
  - in a single pass
  - with cost reduction
  - and increasing profitability

➤ **MAXIMUM EFFICIENCY**

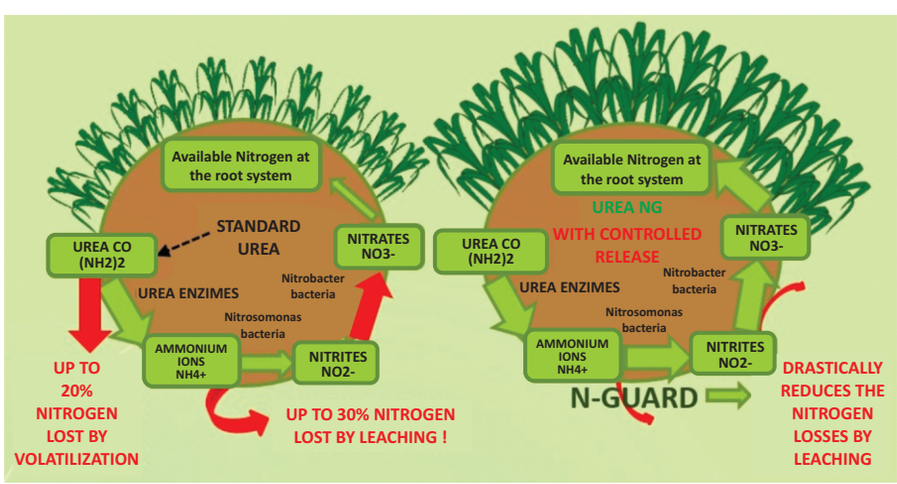
THE MINIMUM LAW
of von Liebig in the representation by Freiherr von Dobeneck, 1903

"the uneven dowel harvest tub has a water capacity limited by the shortest one"

The size of the crop is determined by the factor that is found in the smallest amount to the needs of the plants.



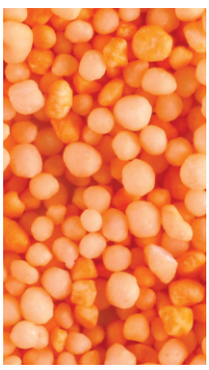
Crop	The critical period of nutrition	Period consumption maximum nutrition
Cereal crops	* the appearance of leaf 3 * the twinning	* in the spring after tillering
	* the entrance into the bellows * eared	* up to tillering
Corn	* the appearance of leaf 3 * the appearance of 50% of the total of leaves	* the period of blooming and ripening in milk
	* the beginning of panicul * silking	* 80% from Nitrogen is absorbt in the period of ripening in milk
Sun Flower	* the appearance of the first pairs of true leaves * the beginning of the inflorescence formation * flowering	* the period of flowering and maturation of seeds
Sugar Beet	* appearance of the pair of 2 and 3 leaf * beginning of thich root * beginning of submission of the intense sugar	* at the middle of the vegetation period
Potatoe	* formation of pairs of 2 - 4 leaves * the beginning of emergence of inflorescence * the beginning of flowering	* the beginning of flowering and formation of tubers



Depending or your crop
Depending on your need
Depending or your desire

CICh Team offers you:
· Consultancy
· Personalised fertilization plans
· Partnership

CICh®
for a good growth



PREMIUM NS

PREMIUM NS 33 / 33% N

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	Nitric Nitrogen (NO3)	Ureea Nitrogen		Sulphorus (SO3) soluble in watter
10,0%	-	23%	-	29,0%

FEATURES

Aspect	Colour		Granulometry 2 - 5 mm	ph
Granule	Orange	*Premium NS*	95,00%	6,8 - 7,2

PREMIUM NS 40 / 40% N

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	Nitric Nitrogen (NO3)	Ureea Nitrogen		Sulphorus (SO3) soluble in watter
5,0%	-	35%	-	14,0%

FEATURES

Aspect	Colour		Granulometry 2 - 5 mm	ph
Granule	Orange	*Premium NS*	95,00%	8,0 - 8,5

IBC 1000 l.

Tehnologia NBPT

NITRODIN / 28% N Lichid

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	Nitric Nitrogen (NO3)	Ureea Nitrogen		Sulphorus (SO3)
8,0%	6,0%	14%	-	7,0%

FEATURES

Aspect	Density at 20 degrees C	*Technology*	The point of frost	ph
Liquid Solution	cca 1,3 Kg/lt	*NBPT*	-8 degrees C	7,0

Electrical conductivity (0,1%) = 0,89 mS/cm

LIQUID FERTILIZERS STORAGE TANKS

25 000 l.
50 000 l.
100 000 l.
200 000 l.

PREMIUM NS

NITROSAN / 21% N Lichid

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	Nitric Nitrogen (NO3)	Ureea Nitrogen		Sulphorus (SO3)
8,5%	4,1%	8%	-	15,0%

FEATURES

Aspect	Density at 20 degrees C		The point of frost	ph
Liquid Solution	cca 1,29 Kg/lt	*Premium NS*	-5 degrees C	7,0

Electrical conductivity (0,1%) = 0,72 mS / cm

Tehnologia NBPT

NITRO 30N 30% N

CHEMICAL COMPOSITION

of wich				
Ammoniacal Nitrogen (NH4)	Nitric Nitrogen (NO3)	Ureea Nitrogen		Ureea inhibitor NBPT in the mass of Ureea Nitrogen
7,5%	7,5%	15%	-	0,08%

FEATURES

Aspect	Density at 20 degrees C		The point of frost	ph
Liquid Solution	cca 1,3 Kg/lt	*NBPT*	-9 degrees C	6,5 - 7,0

Electrical conductivity (0,1%) = 0,72 mS / cm

CICh® for a good growth

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NAVODARI CHEMICAL FERTILIZERS PLANT