MIREA® LINE

MUGAVERO

With innovative DOS-P® TECHNOLOGY

Mirea
is the first line of
granular nitrogen fertilizers
with the new and unique
DOS-P Technology

3,4 DMPP
(nitrification inhibitor)
NBPT
(urease inhibitor)

DOS-P Technology allows to minimize nitrogen losses in the environment equal to more than 50% by volatilization (in the form of ammonia) and by leaching (in the form of nitrates).

In addition, it performs a dual action thanks to the presence of the double inhibitor: it inhibits the urease enzyme and slows down the transformation of urea nitrogen into ammonia nitrogen avoiding the formation of highly volatile ammonia.

DOS-P Technology inhibits the activity of Nitrosomonas bacteria, responsible for the nitrification process, and slows down the subsequent transformation of ammonia nitrogen into nitric nitrogen, avoiding the excessive availability of nitric nitrogen at times that are inappropriate for crops and the relative losses for leaching.

Mirea makes it possible to increase agricultural production without affecting production costs by increasing the efficiency of nitrogen fertilization.

Mirea can also be administered considerably in advance of the rains thanks to the DOS-P Technology which prevents nitrogen losses due to volatilization typical of conventional formulations.

The products of the Mirea line respect the environment and comply with European provisions for the reduction of nitrogen emissions and carbon dioxide in the ecosystem.

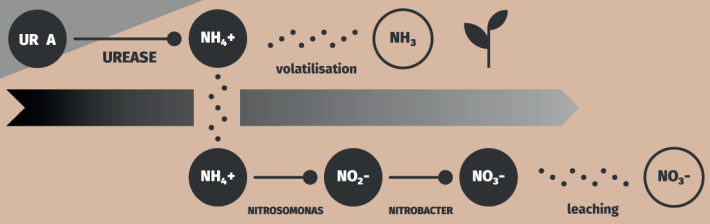
- Reduces losses by nitrogen by volatilization
- Reduces losses by nitrogen for washout
- Increase availability of nitrogen
- Nutritional intake progressive and prolonged in time

MIREA® LINE

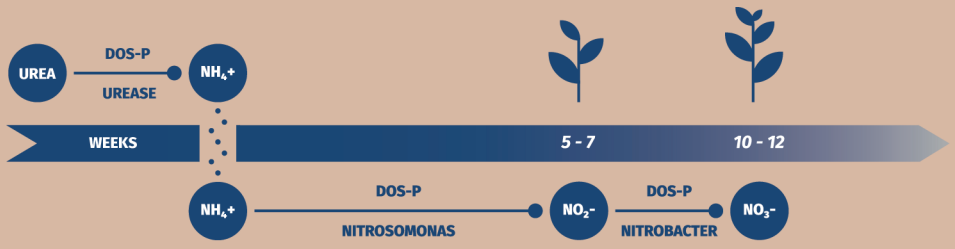
MUGAVERO

DOS-P® Technology

UREA NITROGEN / STANDARD



UREA NITROGEN / MIREA



DOUBLE BENEFIT:

- **AGRONOMIC:** MIREA INCREASES THE EFFICIENCY OF NITROGEN FERTILIZATION
- **ENVIRONMENTAL:** MIREA DRASTICALLY REDUCES NITROGEN LOSSES BOTH IN THE ATMOSPHERE AND IN GROUNDWATER.

Composition	%	22.9.24 NPK	24.0.29 NK	32.0.18 NK	34 $N+SO_3$	46 N
total Nitrogen (**N**)		22	24	32	34	46
of which Nitric Nitrogen (**N**)		-	-	-	-	-
of which Ammonia Nitrogen (**N**)		3,6	-	-	11	-
of which Urea Nitrogen (**N**)		18,4	24	32	23	46
Phosphorus Pentoxide (**P_2O_5**)		9	-	-	-	-
soluble in neutral ammonium citrate and water						
water-soluble Potassium Oxide (**K_2O**)		24	29	18	-	-
water-soluble Sulfur Trioxide (**SO_3**)		-	-	-	28	-

With **DOS-P** Technology:
Uease inhibitor - **NBPT N** (nbutyl) thiophosphoric triamide
Inhibitor of nitrification - **3,4 DMPP** (3,4 Dimethylpyrazole phosphate)

Sack 25 kg

Big bag 600 kg

Application mechanics

Slow assignment

Technology eco friendly

www.mugavero.it
info@mugavero.it
+ 39 091 8533100