

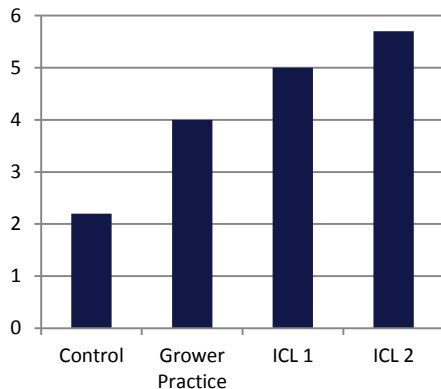
Trial Information

Agromaster® Start Mini

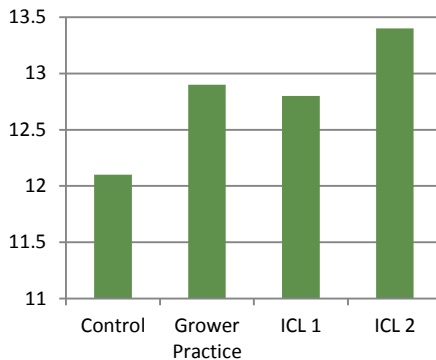
WINTER WHEAT



Yield, MT/ha



Protein level (%)



Agromaster Start Mini 21-21-5+2MgO+ 15SO₃ is the latest generation of starter fertilizers combining standard micro-granule fertilizer's effect with the coated Nitrogen, in order to provide immediately available nutrients and long-lasting effect in plant's nutrition.

It ensures the immediate release of nutrients for plant's needs in the first stages of vegetation, without affecting the germination or the emergence of the young plants, because of the high level of salts, and it will continuously feed the plants due to coated Nitrogen.

Trial set-up

Objective: Prove the efficiency of only one single furrow application of Agromaster Start Mini vs conventional fertilizer broadcasted in multiple applications

When: Sowing - 29th of October, 2015
Harvest - 20th of July, 2016

Trial station: Romania

Crop: Winter Wheat, Glosa variety

Assessments: Total yield and the final level of protein

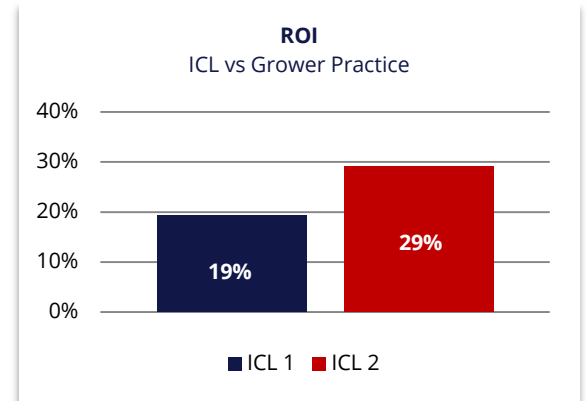
Conclusions

- Agromaster Start Mini 21-21-5+2MgO+15SO₃ is a highly efficient mini coated granulated fertilizer for winter wheat.
- Applied at sowing time, in furrows, close to the seeds, it shows that by using less nutrients you can obtain better yields, reducing labor cost, soil compaction and improving farm logistics
- Agromaster Start Mini can increase total yield up to 40% with a high protein level (13.4%), for similar level of Nitrogen applied per hectare.



Object	Fertilizers & Timing		Method of application	Total units (kg/ha)			Protein level (%)	Total yield (MT/ha)
	Autumn	In Spring		N	P ₂ O ₅	K ₂ O		
Control	-	-					12.1	2.20
Grower Practice	P ₂ O ₅ = 80 kg/ha K ₂ O = 40 kg/ha	N = 40 kg/ha	Broadcasting	40	80	40	12.9	4.04
ICL 1	Agromaster Start Mini = 60 kg/ha	N = 40 kg/ha	In furrow	53	13	3	12.8	5.07
ICL 2	Agromaster Start Mini = 80 kg/ha	N = 40 kg/ha	In furrow	57	17	4	13.4	5.68

Object	Yield, MT/ha	Fertilizers cost/ha	ROI
Grower Practice	4.04	€ 86.72	€ 520
ICL 1	5.07	€ 140.70	€ 621
ICL 2	5.68	€ 180.70	€ 672



“In conclusion, the effects of Agromaster Start Mini treatment in the presented weather conditions, with severe drought and laboratory specific non-irrigated conditions of Crop Fertilization Dept. From NARDI Fundulea, is remarkable.”

Dr. ing. Ionuț Țințisan
Crop fertilization dept., NARDI Fundulea, Romania

Why does Agromaster Start Mini 21-21-5+2MgO+15SO₃ perform better ?

- Ultra-localized application of the product proves the maximum efficiency of nutrients applied in furrow versus conventional fertilizers broadcasted.
- It proves that Phosphorus, being applied close to the seeds, it was immediately available to be uptake by the young root system, ensuring a better start for the plants.
- Controlled Release Nitrogen ensures continuous feeding according to the plant's needs, without affecting the root system although the product was applied close to it.

Attention

Recommendations in this trial info sheet are based on local soil and/or water analyses. Please contact your local ICL Specialty Fertilizers adviser for your personalized fertilizer recommendation. Consult www.icl-sf.com for your contact in the region.

Distributed by:

ICL Specialty Fertilizers

P.O. Box 40 - 4190 CA Geldermalsen
Koeweistraat 4 - 4181 CD Waardenburg
The Netherlands

