



POWER THE NATURE
SOLUTIONS AGRO-ENVIRONNEMENTALES

PRESS RELEASE

Paris , 01 May 2024,

FertiRoc[®], developed by POWER THE NATURE, is the first mineral biostimulant to obtain European CE certification for its nitrogen efficiency improvement capabilities.

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Power the Nature announces the obtaining of “CE biostimulant” certification for its FertiRoc[®] foliar solution, validated as a biostimulant according to European regulation EU 2019/1009.

FertiRoc[®] is the first mineral biostimulant to be certified in compliance with the European regulation for the claim “Improves nitrogen use efficiency”. This certification represents a guarantee of confidence for our distribution partners and for farmers. This validation symbolizes the energy deployed by Power the Nature in the development of its first product.

The evaluation and certification process lasted more than a year, it notably involved verifying the significant effectiveness of FertiRoc in terms of improving nitrogen nutrition, but also verifying that its biostimulation properties were not linked to its nutrient content.

The declaration of conformity issued by the accredited certification body “EUROFINS” is the culmination of four years of tests, the technical file taking into account all the tests carried out in the various institutes, universities and with partner farmers.

FertiRoc[®] is certified for use in organic farming, referenced on the “intran.bio” site, FiBL certified and compliant with Demeter specifications. It already had marketing authorizations in France, Switzerland and Belgium since the end of 2022.

FertiRoc is now authorized for sale in all European Union countries as a CE biostimulant for its abilities to optimize nitrogen efficiency and increase crop yield. The “CE” standard is a guarantee of quality which certifies the effectiveness of the biostimulant and guarantees that it meets the requirements of the European Union.

This certification is further proof of the effectiveness of the biostimulant in terms of reducing the use of synthetic fertilizers, which translates in the field into an improvement in the carbon footprint, a reduction in greenhouse gas emissions, ammoniacal volatilization and leaching losses.

The CE standard for the claim considered legitimizes the FertiRoc practice to improve the agronomic and ecological performance of crops.



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A PROPOS DU FERTIROC

FertiRoc is a 100% natural mineral biostimulant which significantly increases yields and reduces the use of synthetic fertilizers and fungicides.

It was developed by Power The Nature during four years of testing in collaboration with recognized public institutes such as the Swiss agricultural research institute AGROSCOPE, the GEMBLoux agronomic university in Liège.

The mode of action and effectiveness have been proven by partner institutes, detailed in two scientific studies, validated by peers, certified without conflicts of interest, and published in peer-reviewed journals.

FertiRoc is a “CE Biostimulant” approved and certified in compliance with European regulations for its effectiveness in improving nitrogen nutrition.

It is certified for use in organic farming, referenced on the “intrants.bio” website, FiBL certified and compliant with Demeter specifications. It also has national marketing authorization in Switzerland, France, and Belgium.

FertiRoc is a wettable powder with foliar penetration, it does not require specific equipment, and its application does not change current practices. It is a direct solution and easily applicable by all farmers to improve the agronomic and economic performance of crops and reduce the impact of agriculture on the environment.



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A PROPOS DE POWER THE NATURE

We are father and son, farmers for 3 generations, we have always worked towards sustainable agriculture and to improve the technical and economic profitability of farms.

Today we are realizing our vision of agriculture with Power the Nature, an innovative company researching and developing agro-environmental solutions in line with the technical and economic issues of farmers.

Our solutions come from reflections in the fields, "on the ground", they come from proven know-how of the farming profession, and they are then studied in partnership with recognized institutes in the agricultural sector.

We work on sustainable alternatives to current agricultural methods, which effectively respond to environmental issues, but also and above all to those of farmers. We mobilize our know-how to increase the technical and economic profitability of farms, with directly and easily applicable solutions.

Located in Lausanne and Paris, all our solutions are validated in the field by farmers. We ensure production and our know-how guarantees their effectiveness. We collaborate with partners who share our commitments for the distribution and marketing of our solutions.



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Ce certificat est délivré par Eurofins Certification

en tant qu'organisme de certification accrédité selon la norme NF EN ISO/CEI 17065 et organisme notifié à :

POWER THE NATURE SAS

15 rue du Louvre
75001 PARIS
France

Nom commercial et identification du fertilisant : **FERTIROC**

EXAMEN UE DE TYPE - MODULE B

Déclaration de conformité : le produit répond aux exigences sur les fertilisants UE de type définies dans le programme de certification FPR - Règlement (UE) 2019/1009 du Parlement Européen et du Conseil du 5 juin 2019, et ses modifications, les documents du groupe de coordination des organismes notifiés, le règlement de certification FPR, les normes harmonisées ou spécifications communes existantes

PFC 6.B : biostimulant non microbien des végétaux CMC 1 : substances et mélanges à base de matières vierges

Date d'émission du certificat :
30 avril 2024

Informations supplémentaires sur le type de fertilisant :

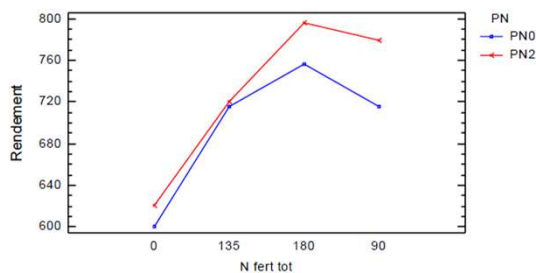
Matières principales : zéolithe - carbonate de calcium

Le produit est utilisable sur grandes cultures et cultures industrielles, dans les conditions ci-dessous :

Mode d'application	Doses d'apport	Nombre d'apport(s)	Stade d'application
Pulvérisation foliaire	3 à 9 kg/ha Dilution minimale : 2 kg pour 100 L d'eau	1, 2 ou 3	Montaison

Améliore l'efficacité d'utilisation de l'azote en situation de stress azoté

Graphiques des interactions



Tests des étendues multiples pour Rendement par PN

Méthode: 85.0 % Newman-Keuls

PN	Effectif	Moyenne MC	Ecart-type MC	Groupe homogène
PN0	16	696,949	10,0381	X
PN2	16	728,998	10,0381	X

Conclusion partielle :

L'analyse statistique montre que, sur le rendement en grains à maturité :

- le facteur **niveau de fertilisation totale** a un **effet significatif** (p-value = 0,0000)
- le facteur **ajout de FertiRoc** a un **effet significatif** (p-value = 0,0333)

ANOVA à plusieurs facteurs - Rendement en matière sèche [dt_h]

Variable à expliquer: Rendement en matière sèche [dt_h]

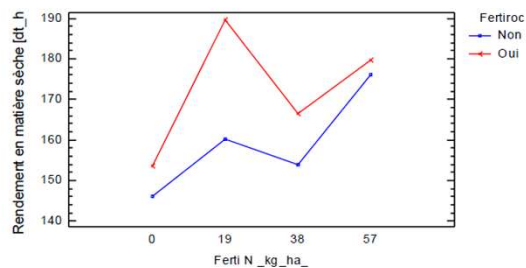
Facteurs:

Ferti N_kg_ha_

Fertiroc

Nombre de sujets complets: 32

Graphiques des interactions



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