

FertiSystem ITS 5000

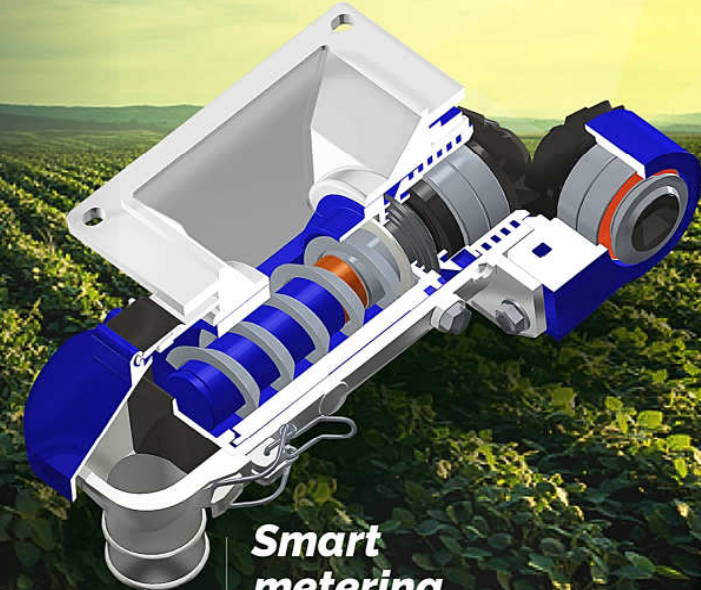
The FertiSystem ITS 5000 is a fertilizer doser, with an Intelligent Tuning System, which reaches the market to meet the demands of applications that require LOWER DOSAGES of smart fertilizer (including: elemental sulfur, potassium chloride and micro phosphorus-based granules, sulfur, nitrogen and zinc), providing an agriculture focused on high productivity. The ITS 5000 promotes precise dosages of special fertilizers, obtaining as a result the increase in PRODUCTION with the reduction on the amount of the fertilizer applied, fully attending the fundamental concepts of FertiSystem technology of precision and uniformity, with the right dosage in the right place, combining a strong increase in fertilizer application autonomy.

Who we are

Agromac is the Brazilian leader in dosage of fertilizer in planting lines, through the FertiSystem Self-Lub AP NG - precision fertilizer doser. First of its kind in the world market of dosage and distribution of solid fertilizers, provides uniformity and precision in the distribution and is present in over 90% of Brazilian machinery and agricultural implements manufacturers and in more than 42 countries worldwide. The company won a number of state and national awards for presenting remarkable technological advances, design, innovation and viability of use and marketing. The main highlights are the Prêmio Distinção da Indústria do RS - FIERGS / CIERGS 2008, the Prêmio Gerdau Melhores da Terra 2008 and the Troféu Três Porteiros Federasul-RS in 2015.



www.fertisystem.com.br

The logo for FertiSystem ITS 5000, featuring a stylized green 'F' symbol above the text 'FertiSystem' in a large, bold, sans-serif font. Below 'FertiSystem' is the text 'ITS5000' in a smaller, all-caps font, with 'ITS' in green and '5000' in blue.

**Smart
metering
fertilizers for
high throughput
planting**

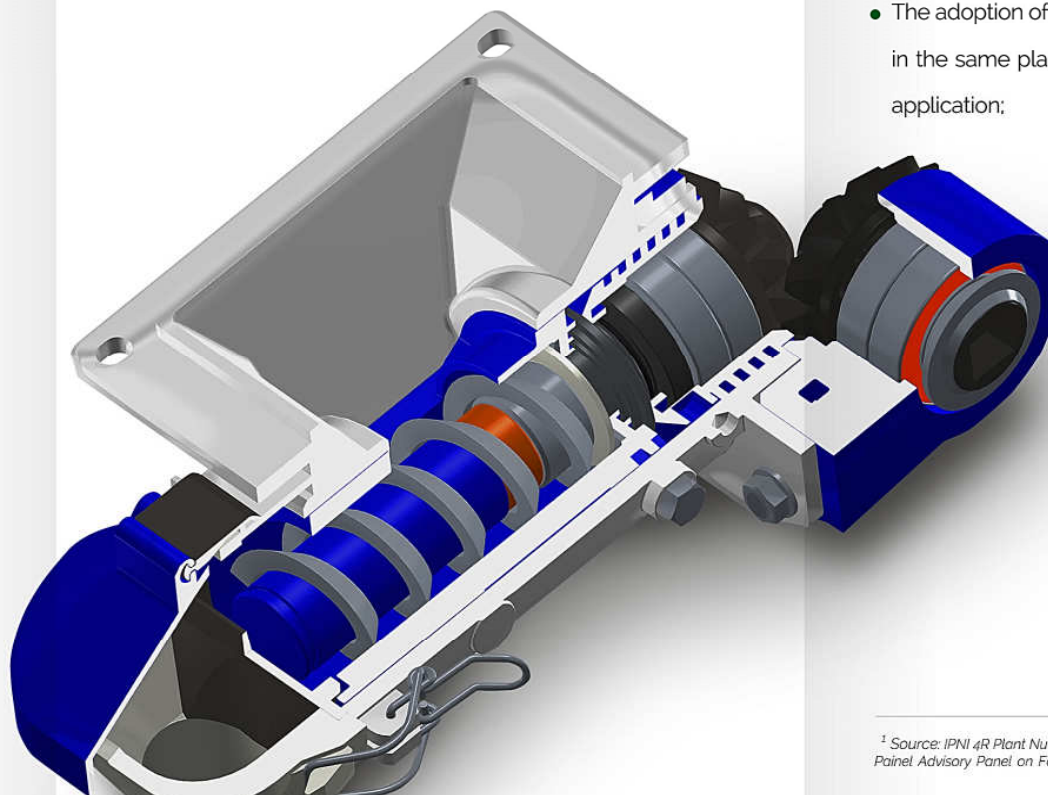
Research and Development, our focus to the technological advance

The FertiSystem's project was scientifically based on the concept of the 4C's, thereby helping to create an innovative approach to fertilizer management practices adopted by global fertilizer industry, whose management of nutrients is essential for sustainability of agricultural systems. The concept of the 4 C's of plant nutrition is set to apply the Right Source of Nutrients, in the Right Dosage at the Right Time and the Right Place.

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Results achieved

The Research and Development area, through testing in the research fields trials in our Technological Center - NTF (functional and operational validation of the product), worked with applied technology concepts, showing effective and high impact results over the crops in the yield of commercial crops.



The FertiSystem ITS 5000 permits

- Application of intelligent fertilizer at very low dosages from 15 to 80 kg /ha, with high precision and uniformity;
- Adjusting and regulating the settings of dosages according to the physical and chemical characteristics of fertilizers;
- Promoting good practices for the efficient use of fertilizers;
- The adoption of located fertilization system, in coverage, and in the same planting operation through additional boxes for application;
- High increase of productivity, profitability, elimination of additional operations and large range of planting.



Detailed collections
fertilizer per unit area.

¹ Source: IPNI 4R Plant Nutrition - Manual for Improving the Management of Plant Nutrition e Painel Advisory Panel on Food Security, Agriculture, Forestry and Environment - EUA, 1987.

