PRESS RELEASE

A **ground breaking** innovation at Culturales 2021

Fibre optic precision to calculate the weight of 1000 grains

In just 5 minutes the **PMG Fibercontrol** calculator developed by Godé SAS counts and weighs 1000 grains with a guaranteed number accuracy of 0.3 % and 0.2% on the weight. It makes the grain counter trays, under-dimensioned counting grids and approximate weighings used on numerous farming operations a thing of the past. The Godé counting technology using fibre optics, an

integrated balance and touch screen with dropdown menu - with sowing simulator included! - simplifies and secures the optimum populating objective for each variety, in each campaign. PMG Fibercontrol has been designed for cereals (self-produced seeds) and generally all cultivated species with a seed diameter between 2.5 and 9 mm. Its affordable price (announced as less than 400 Euros excluding VAT) makes for a fast return on investment and supports the ground breaking nature of this technology *made in Godé, with a 3-year* guarantee. Launch at Culturales 2021! Short video demo/ https://youtu.be/I8KnFEIDFIY

The challenge of an accurate TGW for cereals, summed up by Arvalis : **"With self-produced seeds**, it is recommended to be particularly vigilant on the **thousand grain weight (**TGW). The grains/m^2 sowing objective must be converted into kg/ha **taking into account the TGW, which varies not only between varieties, but also from one year to another**. Be careful, with cereals, a difference of **3 grams** in determining the TGW gives an average difference of **10 kg** of seeds per hectare! ". *(source 09/2020 : https://www.arvalis-infos.fr/ble-tendre-a-quelle-densite-semer)*

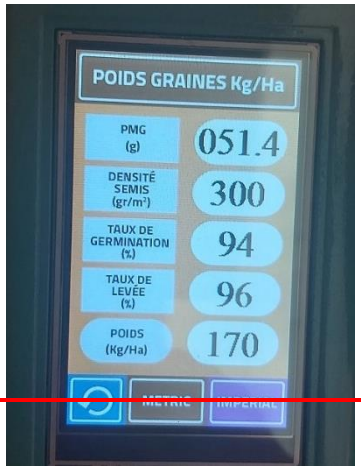
The PMG Fibercontrol calculator in detail…

With its compact size (25 x 15 cm) and low weight (2 kg), the calculator is a 100% Godé design, with components chosen for robustness; it is supplied in a protective flight case and runs off the mains with a transformer integrated into the plug. Apart from the touch screen, it has a vibrating bowl (with patented motor) to collect the sample of grains for calculation. This bowl has a pouring spout for easy emptying at the end of the operation.

➢ ***Digital display of number of grains (here, counting in progress) and the TGW.***

An integrated sowing simulator!

The vibrations of the rotating bowl cause the grains to align at the edge; they are then made to pass individually past an optical beam which generates the calculation of the number of grains by integration. The operator follows counting "live" on the screen and can even interrupt it as soon as the TWG displayed is stable. On the screen there then follows a sowing simulator which gives the dose in kg/ha to transfer to the seed drill (which enables you to calculate the amount of seed to prepare as a function of the area to be sown). So the Godé PMG drastically limits any risk of operating, calculation or re-transcription errors since counting, weighing, TGW calculation and the TGW result are a set of coded data which are transferred directly to the sowing simulator screen.



> Integrated sowing simulator display: *The user can display their sowing density objective in grains/m², ,*

include the germination rate of the seeds and even the sowing conditions (estimate of the emergence rate).

The sowing dose in kg/ha then appears at the bottom of the screen.

Practical: ***the pouring spout*** *(orange) hooks onto the bowl to cleanly collect the rest of the sample after counting.*

Company profile

Serving agriculture for over 130 years, Godé is at the origin of numerous patented inventions. Examples: the Minibatt (15,000 in use in 25 countries) or the forcing tray for endives with 150,000 units sold to date. At Godé, the passion for invention is a family heritage. It was in 1939 that Henri Godé created the "Specific", a cereal sorter, and then his son René a beet harvester in 1961. Francis GODÉ took over the reins and developed the business. And recently, Julien Godé, qualified in CAD engineering and just as passionate about innovation as his father, has been bringing his computer, electronic and 3D design skills to the company.

Godé SAS - 15 Bis Rue du Général Augereau - 02420 Le Catelet

Contact: Julien Godé - email**:** julien@gode.fr **-** Tel.. : +33(0)3 23 66 20 05

June 2021