



ADEME



**CHAMBRE
D'AGRICULTURE
FINISTÈRE**



The **AILE** (Association d'Initiatives Locales pour l'Énergie et l'Environnement) studied on a bench two Deutz Agrotron 110 & 120 Mk3 tractors on 23rd November, 2002. These vehicles belong to Pleyber Christ **CUMA** directed by Louis Laurent.

From that date, these two tractors have been treated non-stop with the **Xbee** enzyme. On 22nd May, 2003, exactly six months of treatment later, these same tractors were studied on the same **AILE** bench.

Results are astonishing!

Deutz Agrotron 110 (3710 hours) DIN Power 85.0 kW / 115.6 Ch. :

- ✓ Power increased from 115.9 Hp. to 125.9 Hp. (+8.63%);
- ✓ Hourly consumption unchanged with 22.5 Lt/h;
- ✓ Specific consumption reduced from 226 g/kWh to 207 g/kWh (-8.40%).



Deutz Agrotron 120 Mk3 (2500 hours) DIN Power 88.0 kW / 119.7 Ch. :

- ✓ Power increased from 119.1 Hp. to 121.5 Hp. (+2%);
- ✓ Hourly consumption decreased from 27 to 22.5 Lt/h (-12%);
- ✓ Specific consumption decreased from 273 g/kWh to 234 g/kWh (-14.28%).



Engines and fuels guarantees:

▫ **Xbee** is in compliance with the **CEC** tests, recognized by the **ACEA** that represents 13 of the main European vehicles manu-faturers.

▫ On the other hand, **Xbee** respects the European regulation EN 590 Diesel norm.



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