


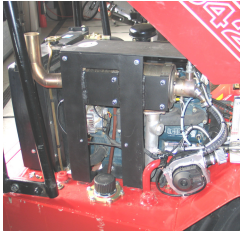
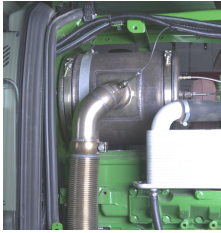


Particulate filters on tractors

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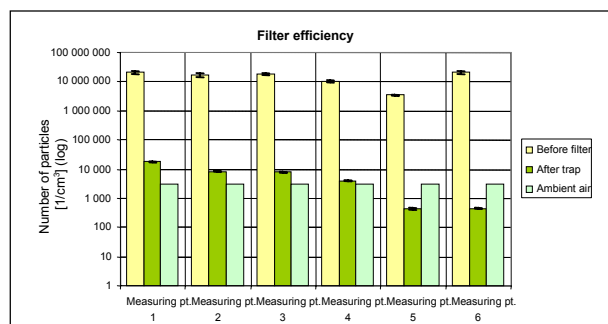
For some time now, Agroscope Reckenholz-Tänikon ART has been running a project funded by the Swiss Federal Office for the Environment, the purpose of which is

Evaluation of effective and economical particulate filter systems for farm tractors.

<p>Deutz Agrotron K100 (70 kW)</p>  <p><i>Johnson Matthey</i> Electric regeneration from power outlet To date 226 operating hours*</p>	<p>Hürlimann 908XT (63 kW)</p>  <p><i>HUSS Umwelttechnik</i> Fuel additive from auxiliary reservoir To date 350 operating hours*</p>	<p>Schäffer 4042 (self-propelled loader) (29 kW)</p>  <p><i>ATH</i> Regeneration burner without the diesel engine running To date 436 operating hours*</p>	<p>John Deere 6620 (92 kW)</p>  <p><i>Daugbjerg</i> Fuel additive from auxiliary reservoir To date 121 operating hours*</p>	<p>Fendt 411 Vario (81 kW)</p>  <p><i>Johnson Matthey</i> CRT To date 701 operating hours*</p>
<p>Lindner Geotrac 65 (48 kW)</p>  <p><i>Engelhard</i> Coated filter To date 404 operating hours*</p>	<p>Valtra 6350-4 (66 kW)</p>  <p><i>Baumot</i> Coated filter To date 408 operating hours*</p>	<p>Valtra 6350-4 (74 kW)</p>  <p><i>Johnson Matthey</i> CRT To date 107 operating hours*</p>	<p>Same Dorado 75 (53 kW)</p>  <p><i>HUG</i> Coated filter To date 9 operating hours*</p>	

* Last update: 17.7.2006

Interim project results



Nine farm vehicles equipped

Overall filtration efficiency > 99%

Installation of filter not easy due to confined space