Training on ANTAM Standard Code for Testing of Knapsack Misters Cum Dusters

Theory 12: Drawbar performance - Determination of weight

2nd Training of Trainers on ANTAM Codes
16 - 28 October 2016, Nanjing China
PT+ Plough

- Mass of counter balance weight
- Mass of implement
- Mass of PT
Bare Power tiller

Mass of counter balance weight

Mass of PT
Power tiller with rotary

- Mass of Rotary
- Mass of PT
- Reaction on tail wheel
- Reaction on drive tyre
PT+ trolley

Mass of Trolley

Reaction on trolley Wheel

Reaction on PT wheel

Mass of PT
PT with Riding operator
Definition of Mass
ANTAM 1001-2016

- **OperationalMass**
- The mass of the powertiller without operator in normal working condition with fuel tank and radiator (if fitted) full and lubricants filled to the specified levels.

- Note: Any accessory fitted and its mass should be stated.
Ballasting

The ballast mass, which are commercially available and approved by the manufacturer for use in agriculture, may be fitted. For wheeled power tillers, liquid ballast on each tyre including liquid ballast in the tyres, and the inflation pressures shall be within the limits specified by the tyre manufacturer or load limit of axle, whichever is lower. Measure inflation pressure with the tyre / tube valve in the possible lowest position.

The measured value of mass with and without ballast should be reported as per D19
Ballast for a light weight Power tiller