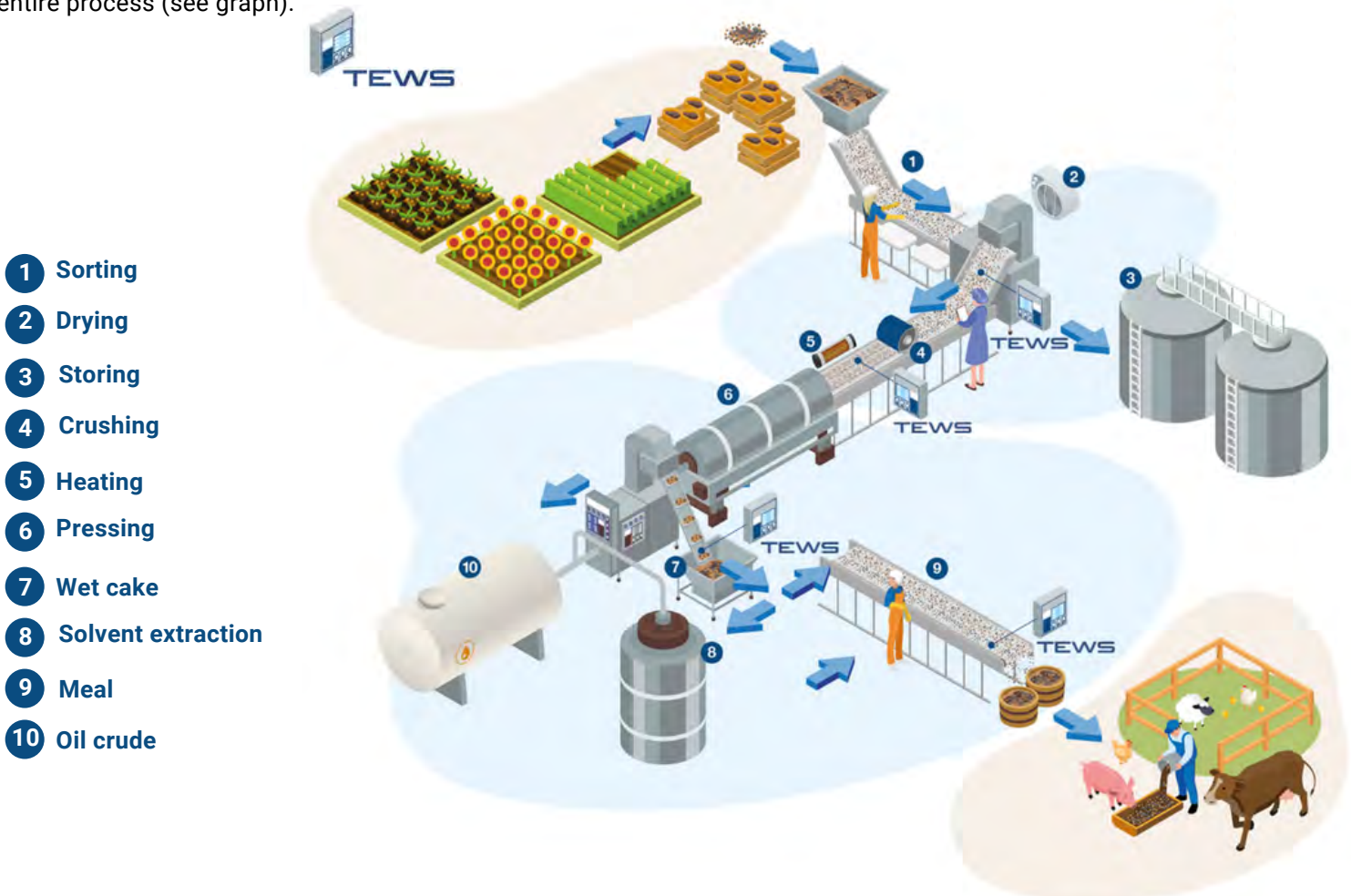




MOISTURE MEASUREMENT OF OIL SEEDS

HIGH SPEED MOISTURE CONTROL INLINE AND IN THE LABORATORY

Coming fresh from the field, Soya, Rapeseed / Canola, Sunflower oil seeds moisture levels are often too high, so they need to be dried and well monitored before being stored in large silos, where they will wait for processing. The amount of oil obtained while pressed also highly depends on the moisture content of the seeds or the beans. TEWS solutions enable fast and accurate measurements of moisture and bulk density at many different positions in the entire process (see graph).



Benefits



- Achieve optimum moisture level for storage, pressing, conditioning and extraction
- 100% quality control
- Energy savings during the drying process
- CO₂ emissions reduction
- High speed (up to 3.500 measurements)
- Abrasion proof and extra high temperature sensors available

Our sensor for your production processes



- Easy integration into PLC (analog as well as digital interfaces)
- Long-term stable
- Industry 4.0 ready
- Centralized data storage
- Repeatability +/- 0,2% moisture absolute

Microwave resonance main advantages



Moisture & Density

Independent measurement of moisture and bulk density of the beans or seeds in one step



High Accuracy

Penetration of product core independent of color, shape or the origins of the beans or seeds



Easy Operation

Free of wear and tear, low maintenance, easy integration in all sort of inclined chutes or conveyors



High Speed

Independent measurement of moisture and bulk density of the beans or seeds in one step

Return on investment*



1 year

*according to our experience and estimation of costs with our partners.



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