

## **Selection Criteria to Choose a Right Farm Tractor for an Oil Palm Plantation**

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*Farm tractors are used in oil palm plantations to carry out various field operations. Selection of the right farm tractor will incur lower running cost, ensure faster return of investment, and field operations are carried out efficiently and effectively. The selection criteria for a tractor depends on horsepower (Hp), tractor transmission, clutch, power take off (PTO), specific fuel consumption (SFC), torque, brake, hydraulic, weight, drawbar pull and lifting capacity. In addition, the safety and ergonomic factors are also needed to be given equal importance when choosing a farm tractor for estate operations.*

**Keywords:** *Hp, PTO, torque, SFC, clutch and transmission.*