

Tractor Recommendation Worksheet

This tool is designed for producers considering the purchase of a new towed implement for use in their farming operation. The power requirements for utilization of the implement will depend on the size of the implement and its purpose. It is important to know the minimum tractor power requirements for the implement's utilization to determine if the producer's current tractor inventory is sufficient for the implement's use. It is critical for a producer who are considering changes to their production system to understand not only the cost of buying new implements, but also the changes in horsepower requirements that result from any changes from the new operation. Likewise, a producer will be able to determine if downsizing of their tractor inventory could be achieved with a change in power requirements of the operations.

This spreadsheet tool is designed so that the user will be able to select an implement from a list provided, and the recommended power unit (tractor/combine/UTV) needed for the implement will be shown along with other useful general information. In addition, the total cost for the operation of the implement (along with the tractor) is presented. The total cost is presented on a "per acre" basis and can be used to measure the potential profitability of an operation to help the producer make informed decisions regarding changes in their farming operations.

*All recommendation data and costs were acquired from the published Mississippi State University Planning Budgets.