

To reflect situations reasible to common agricultural practice, the input conditions imposed (balast; son type and son condition, gear, implement size), only cover a narrow range of values. This resulted in small variations of the working rate and fuel consumption per hectare, however in the expected trend. Within a realistic value of work rate, two possible combinations of engine speed and gear ratio could be used. Between the two, the effect of GUTD, however small, could be noticed in the right trend, providing a small save in fuel consumed per hectare. Due to the good traction conditions found, the presence of ballast was found to be of no worth.

The 24 disc implement performed better both in terms of work rate and fuel consumption per unit of worked area, however by a small difference, relative to the 20 disc harrow, making the larger implement a better choice.