

Exercise „Combine harvester“

Part 4: Comparative costs and
minimum extent of utilization
under consideration of differences
in work quality

A combine harvester is visible in the distance, working in a large field of golden wheat. The sky is blue with some white clouds. The text is overlaid on the image in a large, white, sans-serif font.

Comparative costs and minimum extent of utilization

Costs of internal mechanization

=

Costs for service provider

Fixed costs + variable costs + Wage claim
 $\frac{41.000 \text{ €/y.}}{X \text{ ha/y.}} + 41,10 \text{ €/ha} + 8,40 \text{ €/ha}$

=

Billing rate

=

125 €/ha

Additional disadvantage:
„Timeliness costs“

Additional drying costs for 20% of the yield because
of untimely harvest

(Yield = 70 dt/ha, Drying costs= 1,60 €/dt)

Minimum extent of utilization (ha/year) ???