

Exercise „Combine harvester“



Part 1: Machinery costs

Basic data (about 220 kW at 7,5 m working width):

Purchasing value (A)			360.000	Euro
Residual value (R)			40.000	Euro
Operating life in time (N)			10	years
Operating life in output (n)			6.000	ha
Interest rate (i)			4	%
Insurance costs per year			100	Euro
Accommodation costs per year			900	Euro
Diesel:	Consumption:	25 l/ha	Price:	1,10 Euro/l
Engine oil:	Consumption:	0,25 l/ha	Price:	2,40 Euro/l
Repair costs	Total for 6000 ha:		78.000	Euro
	On average per ha:		13,00	Euro/ha

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Annual workload: 600 ha per year