



STATE OF MAINE
DEPARTMENT OF AGRICULTURE, CONSERVATION AND FORESTRY
BUREAU OF PARKS AND LANDS
SNOWMOBILE PROGRAM
22 STATE HOUSE STATION
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MACHINE RATE WORKSHEET DEFINITIONS

Purchase price: total cost before trade-in or down payment

Machine horsepower rating: horsepower, with or without turbo

Machine life: equipment life cycle

Salvage value: the value of the machine at the end of its useful life as a percentage of the purchase price

Utilization rate: percentage rate of actual hours to projected hours e.g. if the actual hours equaled the projected hours that percentage would equal 100%

Repair and maintenance + % depreciation: the total cost for repairs/maintenance for the life of the equipment plus its depreciated value

Interest rate: the equipment's interest rate for the loan or the percentage of the return on investment if one was to invest the money elsewhere

Insurance and tax rate: the percentage of the cost of insurance and taxes of the purchase price

Fuel consumption rate: 4.8 gal per hour divided by horsepower (160) = .031% gal/hp.-hr.

Fuel cost: estimated average cost for fuel for the life of the groomer

Lube and oil as a percentage of fuel cost: based explained by example e.g. \$3066 yearly fuel cost multiplied by ten percent = \$306.00 in lube and oil

Operator wages per hour: self-explained

Scheduled machine hours: total of yearly groomer operating hours