

Cool-Season Grass: Skip-Mow Cost Calculator

This document as well as other calculators available for download at pbigordon.com/calculators



Estimate some information below and we'll help you figure your costs and savings with Embark T&O.

(Cost to mow 1 acre)

Number of on-the-job hours: Number of clean-up, hauling and traveling hours:
Number of trips to disposal site: Price per disposal:
Number of miles to and from job & disposal sites: Employee's hourly pay rate:
Price for a gallon of gasoline: Price for a gallon of Embark T&O (MSRP \$52.50):

Cost to Mow 1 Acre

Labor Costs

Job time, clean-up, hauling and travel time. $\text{On-the-job \& clean-up, hauling and traveling hours} \times \text{hourly rate}$:

Employer costs - social security, worker's comp, etc.

$\text{Labor burden cost of 30\% of wages}$:

TOTAL LABOR COSTS:

Equipment Cost

Fixed cost - mowing/edging equipment, estimating a \$5000 purchase price, spread over 6 years, operating 500 hours per year making a depreciation cost of \$1.67 per hour. $\# \text{ of on-the-job hours} \times \1.67 :

Operating cost - estimating 1/2 gallon of fuel consumed per hour. $\# \text{ of on-the-job hours} \times 1/2 \times \text{price per gallon}$:

Maintenance costs - labor to change oil, sharpen blades, etc.

$\text{hourly rate} \times 1/4$:

TOTAL EQUIPMENT COSTS:

Transportation Cost

Vehicle expense to transport equipment and personnel to and from job site.

Cost per mile of \$ 0.51.

$\# \text{ of miles to and from job site} \times \0.51 :

Indirect/Additional Costs

Disposal cost

$\# \text{ of trips} \times \text{price per disposal}$:

Parts, supplies, blade replacements, storage, taxes, insurance, etc.

Add your own additional costs:

ONE TRIP TOTAL:

$\text{One trip total} \times 6 \text{ trips (Cost to maintain 1 acre for 6 weeks)}$:

TOTAL

Cost to Mow 1 Acre with PGR Application

6 weeks of mowings reduced by 50% (due to PGR application).

$\text{One trip total} \times 3$:

Labor Cost

Spray application time - landscapers surveyed indicated that spraying

required less than half as much time as mowing.

$\# \text{ of on-the-job hours} + 30\% \text{ labor burden costs} \times 1/2$:

Embark T&O Cost

Pints of spray used (label rate of 5 pints/acre).

$\text{Price per gallon} \div 8 (\# \text{ of pints in a gallon}) \times \text{pints used}$:

Equipment Cost

Backpack sprayer, estimating a \$300 purchase price, spread over 2 years, operating 500 hours per year making a depreciation cost of \$0.30 per hour.

$\# \text{ of on-the-job hours} \times \0.30 :

TOTAL

TOTAL SAVINGS BY SPRAYING WITH EMBARK T&O:

(To mow 1 acre)

Always Read and Follow Label Directions

*Savings calculated are estimates only; individual results will vary.

