

# RECORDS SHEET: OSU COVER CROP CALCULATOR

<http://smallfarms.oregonstate.edu/calculator>

Information needed to use the Calculator

Information	Source of information	Units & accuracy	Your values	Calculator Sheet
<b>Nutrients</b>				
Nutrient requirement	Fertilizer guides and soil tests	lb/ac		Nutrients provided
Fertilizer analysis	Fertilizer label or suppliers	x.x %		Fertilizer analysis
Fertilizer % dry matter	Supplier, manufacturer or oven dry test	x %		Fertilizer analysis
Cover crop area sampled	Calculation: [size of quadrat (ft <sup>2</sup> ) x no. of quadrats sampled]	ft <sup>2</sup>		Cover crop analysis
Fresh weight of cover crop field sample	Measured weight of field sample (oz x 0.063 = lbs; kg x 0.454 = lb; g/454 = lb)	x.x lbs		Cover crop analysis
% dry matter of cover crop subsample	Value from lab	x.x %		Cover crop analysis
Total % N of cover crop subsample	Value from lab	x.x % (dry wt. basis)		Cover crop analysis
<b>Economics</b>				
Fertilizer cost	Supplier	\$/lb		Cost comparisons
Seed cost	Supplier	\$/lb		Your costs
Inoculant cost	Supplier	\$		Your costs
Labor cost	Farm records	\$/hr		Your costs
Fuel Cost	Supplier	\$/gal		Your costs
Tractor size	Farm records	hp		Your costs
Implement or broadcast width	Farm records: seeders, fertilizer spreaders and tillage equipment	ft		Your costs
Speed travelled	Tractor manual (gear, rpm and wheel size conversion)	mph		Your costs