




Fertilizer Analysis



Enter your information in yellow cells. Results are in green cells.

MATERIAL	FERTILIZER ANALYSIS (%) (ppm/10,000=%)										
	Total % N from label ("as-is" basis; % of product)	Total % dry matter (% of product)	% PAN at 28 days (% of amendment total N, dry wt basis)	% PAN after full season (% of amendment total N, dry wt basis)	PAN at 28 days (lb N per 100lb amendment "as-is" basis)	PAN after full season (lb N per 100lb amendment "as-is" basis)	P ₂ O ₅ (%)	K ₂ O (%)	Ca (%)	Mg (%)	S (%)
	ORGANIC FERTILIZERS										
Blood meal (12.5-1.5-0.6)	12.5	91	60	75	7.50	9.38	1.5	0.6			
Bone meal (3-20-0.5)	3.0	95	17	32	0.52	0.97	20.0	0.5			
Chicken manure - dried (3.5-2-2)	4.0	85	41	56	1.62	2.22	3.0	3.0	7.0	1.0	0.5
Feather meal (granulated) (13-0-0)	13.0	97	60	75	7.80	9.75	0.0	0.0			
Fish meal (10-6-2)	10.0	92	60	75	6.00	7.50	6.0	2.0			
Meat and bone meal (7-8-0)	7.0	93	60	75	4.20	5.25	8.0	0.0			
Muriate of potash (KCl) (0-0-60)	0.0	100	0	0	0.00	0.00	0.0	60.0			
Soy meal (6.5-1.5-2.4)	6.5	90	60	75	3.90	4.88	1.5	2.4		3.0	
Sulfate of potash (0-0-50)	0.0	99	0	0	0.00	0.00	0.0	50.0		0.0	17.0
Sulfate of potash magnesia (0-0-0)	0.0	99	0	0	0.00	0.00	0.0	22.0		10.8	22.0
			0	0	0.00	0.00					
			0	0	0.00	0.00					
SYNTHETIC FERTILIZERS											
Triple super phosphate (0-40-0)	0.0	N/A	100	100	0.00	0.00	40.0	0.0			
Urea (46-0-0)	46.0	N/A	100	100	46.00	46.00	0.0	0.0			
		N/A	100	100	0.00	0.00					
		N/A	100	100	0.00	0.00					
COMPOST											
Composted manure (1.5-0.5-0.5)	1.5	60	5	10	0.08	0.15	0.5	0.5	1.8		
			0	0	0.00	0.00					
			0	0	0.00	0.00					
COVER CROPS											
0	N/A	0	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
0	N/A	0	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
0	N/A	0	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
comments to:	nick.andrews@oregonstate.edu										

Fertilizer Analysis



Enter your informati					
MATERIAL					
 	B (%)	Cu (%)	Fe (%)	Mn (%)	Zn (%)
ORGANIC FERTILIZER					
Blood meal (12.5-1.5-0.6)					
Bone meal (3-20-0.5)					
Chicken manure - dried (3.5-2-					
Feather meal (granulated) (13-0					
Fish meal (10-6-2)					
Meat and bone meal (7-8-0)					
Muriate of potash (KCl) (0-0-6)					
Soy meal (6.5-1.5-2.4)					
Sulfate of potash (0-0-50)					
Sulfate of potash magnesia (0-0					
SYNTHETIC FERTILIZ					
Triple super phosphate (0-40-0)					
Urea (46-0-0)					
COMPOST					
Composted manure (1.5-0.5-0.5)					
COVER CROPS					
0	N/A	N/A	N/A	N/A	N/A
0	N/A	N/A	N/A	N/A	N/A
0	N/A	N/A	N/A	N/A	N/A
comments to:					

Cover Crop Analysis

ENTER YOUR COVER CROP INFORMATION FROM THE FIELD AND THE LAB										
Enter your information in yellow cells. Results are in green cells.										
 	Area sampled (ft ²)	Fraction of acre sampled	Fresh weight of field sample (x.x lb)	% N from lab (x.x %)	% dry matter from lab (xx.x %)	fresh weight (lbs/A)	Total dry weight (lb/A)	Total N (lb/A)	PAN (lb/A)	
COVER CROPS										
		0.000000				0	0	0	0	
		0.000000				0	0	0	0	
		0.000000				0	0	0	0	
Comments to: nick.andrews@oregonstate.edu										


protection = beavers

Your Costs

ENTER YOUR COSTS SPECIFIC TO COVER CROPS (ROWS 7-69) AND MAIN CROP FERTILIZ						
 	Enter your information in yellow cells. Results are in green cells					
	Field 1			Field 2		
	0			0		
COVER CROP COSTS	Your Information		Cost (\$/A)	Your Information		Cost (\$/A)
Input costs						
Mixture or species 1 seed cost (\$/lb)						
Mixture or species 1 seed rate (lbs/A)		\$0.00			\$0.00	
Species 2 seed cost (\$/lb)						
Species 2 seed rate (lbs/A)		\$0.00			\$0.00	
Species 3 seed cost (\$/lb)						
Species 3 seed rate (lbs/A)		\$0.00			\$0.00	
Inoculum		\$0.00			0.00	
<i>Total seed and inoculum cost (\$/A)</i>			\$0.00			\$0.00
Fuel cost (\$/gal)				\$0.00		
Labor cost (\$/hr)				\$0.00		
Cover crop seeding						
Seeding method (\$/hr)		\$0.00			\$0.00	
Tractor size (hp)						
Fuel Use (\$/hr)		\$0.00			\$0.00	
Tractor operational cost (\$/hr)		\$0.00			\$0.00	
Implement or broadcast width (ft)						
Operation Speed (MPH)						
Operation Labor cost (\$/A)		\$0.00			\$0.00	
Operation Speed (A/hr)		0.00			0.00	
<i>Seeding equipment and labor cost</i>			\$0.00			\$0.00

Your Costs

ENTER YOUR COSTS SPECIFIC TO COVER CROPS (ROWS 7-69) AND MAIN CROP FERTILIZ



		<i>Enter your information in yellow cells. Results are in green cells</i>					
		Field 1			Field 2		
		0			0		
COVER CROP COSTS	Your Information		Cost (\$/A)	Your Information		Cost (\$/A)	
Cover Crop Establishment							
Seed incorporation		\$0.00			\$0.00		
Tractor size (hp)							
Fuel Use (\$/hr)		\$0.00			\$0.00		
Tractor operational cost (\$/hr)		\$0.00			\$0.00		
Implement Width (ft)							
Operation Speed (MPH)							
Operation Labor cost (\$/A)		\$0.00			\$0.00		
Operation Speed (A/hr)		0.00			0.00		
# irrigations to establish cover crop			\$0.00			\$0.00	
<i>Establishment equipment and labor cost</i>			\$0.00			\$0.00	
First cover crop tillage							
First tillage method		\$0.00			\$0.00		
Tractor size (hp)							
Fuel Use (\$/hr)		\$0.00			\$0.00		
Tractor operational cost (\$/hr)		\$0.00			\$0.00		
Implement Width (ft)							
Operation Speed (MPH)							
Operation Labor cost (\$/A)		\$0.00			\$0.00		
Operation Speed (A/hr)		0.00			0.00		
<i>First tillage equipment and labor cost</i>			\$0.00			\$0.00	

Your Costs



ENTER YOUR COSTS SPECIFIC TO COVER CROPS (ROWS 7-69) AND MAIN CROP FERTILIZ						
 	Enter your information in yellow cells. Results are in green cells					
	Field 1			Field 2		
	0			0		
COVER CROP COSTS	Your Information		Cost (\$/A)	Your Information		Cost (\$/A)
Second cover crop tillage						
Second tillage method		\$0.00			\$0.00	
Tractor size (hp)						
Fuel Use (\$/hr)		\$0.00			\$0.00	
Tractor operational cost (\$/hr)		\$0.00			\$0.00	
Implement Width (ft)						
Operation Speed (MPH)						
Operation Labor cost (\$/A)		\$0.00			\$0.00	
Operation Speed (A/hr)		0.00			0.00	
<i>Second tillage equipment and labor cost</i>			\$0.00			\$0.00
Third cover crop tillage						
Third tillage method		\$0.00			\$0.00	
Tractor size (hp)						
Fuel Use (\$/hr)		\$0.00			\$0.00	
Tractor operational cost (\$/hr)		\$0.00			\$0.00	
Implement Width (ft)						
Operation Speed (MPH)						
Operation Labor cost (\$/A)		\$0.00			\$0.00	
Operation Speed (A/hr)		0.00			0.00	
<i>Third tillage equipment and labor cost</i>			\$0.00			\$0.00
Total cover crop cost			0.00			0.00



Your Costs

ENTER YOUR COSTS SPECIFIC TO COVER CROPS (ROWS 7-69) AND MAIN CROP FERTILIZERS



 	Enter your information in yellow cells. Results are in green cells					
	Field 1			Field 2		
	0			0		
COVER CROP COSTS	Your Information		Cost (\$/A)	Your Information		Cost (\$/A)
FERTILIZER COSTS						
Fertilizer equipment and labor cost	Fertilizer application		Cost (\$/A)	Manure/compost application		Cost (\$/A)
Application equipment (\$/hr)	tractor driven spin spreader	\$6.73			\$0.00	
Tractor size (hp)	70					
Fuel Use (\$/hr)		\$0.00			\$0.00	
Tractor operational cost (\$/hr)		\$8.75			\$0.00	
Implement or Broadcast Width (ft)	30					
Operation Speed (MPH)	4.0					
Operation Labor cost (\$/hr)		\$0.00			\$0.00	
Operation Speed (A/hr)		12.37			0.00	
Fertilizer equipment and labor cost			\$1.25			\$0.00
Comments to:	nick.andrews@oregonstate.edu					

protection = beavers



ENTER YOUR COSTS SPECIFIERS (ROWS 71-81)			
 			
	Field 3		
	0		
COVER CROP COSTS	Your Information		Cost (\$/A)
Input costs			
Mixture or species 1 seed cost (\$/lb)			
Mixture or species 1 seed rate (lbs/A)		\$0.00	
Species 2 seed cost (\$/lb)			
Species 2 seed rate (lbs/A)		\$0.00	
Species 3 seed cost (\$/lb)			
Species 3 seed rate (lbs/A)		\$0.00	
Inoculum		0.00	
<i>Total seed and inoculum cost (\$/A)</i>			\$0.00
Fuel cost (\$/gal)	\$0.00		
Labor cost (\$/hr)	\$0.00		
Cover crop seeding			
Seeding method (\$/hr)		\$0.00	
Tractor size (hp)			
Fuel Use (\$/hr)		\$0.00	
Tractor operational cost (\$/hr)		\$0.00	
Implement or broadcast width (ft)			
Operation Speed (MPH)			
Operation Labor cost (\$/A)		\$0.00	
Operation Speed (A/hr)		0.00	
<i>Seeding equipment and labor cost</i>			\$0.00

ENTER YOUR COSTS SPECIFIERS (ROWS 71-81)			
 	Field 3		
	0		
	Your Information		Cost (\$/A)
COVER CROP COSTS			
Cover Crop Establishment			
Seed incorporation		\$0.00	
Tractor size (hp)			
Fuel Use (\$/hr)		\$0.00	
Tractor operational cost (\$/hr)		\$0.00	
Implement Width (ft)			
Operation Speed (MPH)			
Operation Labor cost (\$/A)		\$0.00	
Operation Speed (A/hr)		0.00	
# irrigations to establish cover crop			\$0.00
<i>Establishment equipment and labor cost</i>			\$0.00
First cover crop tillage			
First tillage method		\$0.00	
Tractor size (hp)			
Fuel Use (\$/hr)		\$0.00	
Tractor operational cost (\$/hr)		\$0.00	
Implement Width (ft)			
Operation Speed (MPH)			
Operation Labor cost (\$/A)		\$0.00	
Operation Speed (A/hr)		0.00	
<i>First tillage equipment and labor cost</i>			\$0.00

Your Costs



ENTER YOUR COSTS SPECIFIERS (ROWS 71-81)			
 			
	Field 3		
	0		
COVER CROP COSTS	Your Information		Cost (\$/A)
Second cover crop tillage			
Second tillage method		\$0.00	
Tractor size (hp)			
Fuel Use (\$/hr)		\$0.00	
Tractor operational cost (\$/hr)		\$0.00	
Implement Width (ft)			
Operation Speed (MPH)			
Operation Labor cost (\$/A)		\$0.00	
Operation Speed (A/hr)		0.00	
<i>Second tillage equipment and labor cost</i>			\$0.00
Third cover crop tillage			
Third tillage method		\$0.00	
Tractor size (hp)			
Fuel Use (\$/hr)		\$0.00	
Tractor operational cost (\$/hr)		\$0.00	
Implement Width (ft)			
Operation Speed (MPH)			
Operation Labor cost (\$/A)		\$0.00	
Operation Speed (A/hr)		0.00	
<i>Third tillage equipment and labor cost</i>			\$0.00
Total cover crop cost			0.00

Your Costs



ENTER YOUR COSTS SPECIFIERS (ROWS 71-81)			
 			
	Field 3		
	0		
COVER CROP COSTS	Your Information		Cost (\$/A)
FERTILIZER COSTS			
Fertilizer equipment and labor cost			
Application equipment (\$/hr)			
Tractor size (hp)			
Fuel Use (\$/hr)			
Tractor operational cost (\$/hr)			
Implement or Broadcast Width (ft)			
Operation Speed (MPH)			
Operation Labor cost (\$/hr)			
Operation Speed (A/hr)			
Fertilizer equipment and labor cost			
Comments to:			

protection = beavers



Cost Comparisons

Enter your information in yellow cells. Results are in green cells																	
MATERIAL		COST (DOLLARS) PER POUND															
		Product price (\$/lb)	Cost (\$/A)	Total N (\$/lb)	Total dry matter (\$/lb)	28-day PAN (\$/lb)	full-season PAN (\$/lb)	P ₂ O ₅ (\$/lb)	K ₂ O (\$/lb)	Ca (\$/lb)	Mg (\$/lb)	S (\$/lb)	B (\$/lb)	Cu (\$/lb)	Fe (\$/lb)	Mn (\$/lb)	Zn (\$/lb)
ORGANIC FERTILIZERS																	
Blood meal (12.5-1.5-0.6)		\$0.60	\$0.00	4.80	0.66	8.00	6.40	40.00	####	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bone meal (3-20-0.5)		\$0.55	\$0.00	18.33	0.58	105.56	56.64	2.75	####	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chicken manure - dried (3.5-2-2)		\$0.15	\$0.00	3.75	0.18	9.24	6.75	5.00	5.00	2.14	15.00	30.00	0.00	0.00	0.00	0.00	0.00
Feather meal (granulated) (13-0-0)		\$0.50	\$0.00	3.85	0.52	6.41	5.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fish meal (10-6-2)		\$0.60	\$0.00	6.00	0.65	10.00	8.00	10.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Meat and bone meal (7-8-0)		\$0.55	\$0.00	7.86	0.59	13.10	10.48	6.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Muriate of potash (KCl) (0-0-60)		\$0.40	\$0.00	0.00	0.40	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Soy meal (6.5-1.5-2.4)		\$0.60	\$0.00	9.23	0.67	15.38	12.31	40.00	25.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00
Sulfate of potash (0-0-50)		\$0.45	\$0.00	0.00	0.45	0.00	0.00	0.00	0.90	0.00	0.00	2.65	0.00	0.00	0.00	0.00	0.00
Sulfate of potash magnesia (0-0-22)		\$0.35	\$0.00	0.00	0.35	0.00	0.00	0.00	1.59	0.00	3.24	1.59	0.00	0.00	0.00	0.00	0.00
0		\$0.40	\$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0			\$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SYNTHETIC FERTILIZERS																	
Triple super phosphate (0-40-0)		\$0.60	\$0.00	0.00	N/A	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urea (46-0-0)		\$0.50	\$0.00	1.09	N/A	1.09	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0			\$0.00	0.00	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0			\$0.00	0.00	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fertilizer application cost			\$1.25														
Total cost of fertilizer and application			\$1.25														
COMPOST																	
Composted manure (1.5-0.5-0.5)			\$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0			\$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0			\$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Compost application cost			\$0.00														
Total cost of compost and application			\$0.00														
TOTAL AMENDMENT COST			\$1.25														



Cost Comparisons

MATERIAL		COST (DOLLARS) PER POUND															
 	Product price (\$/lb)	Cost (\$/A)	Total N (\$/lb)	Total dry matter (\$/lb)	28-day PAN (\$/lb)	full-season PAN (\$/lb)	P ₂ O ₅ (\$/lb)	K ₂ O (\$/lb)	Ca (\$/lb)	Mg (\$/lb)	S (\$/lb)	B (\$/lb)	Cu (\$/lb)	Fe (\$/lb)	Mn (\$/lb)	Zn (\$/lb)	
	COVER CROPS					70 day PAN											
0		\$0.00	0.00	0.00		0.00											
0		\$0.00	0.00	0.00		0.00											
0		\$0.00	0.00	0.00		0.00											
Comments to:		nick.andrews@oregonstate.edu															

Nutrients Provided

Enter your information in yellow cells. Results are in green cells.																
 	APP'N RATE	POUNDS OF EACH NUTRIENT PROVIDED														
	App'n rate "as-is" basis (lb/ac)	Total N applied (lb/ac)	Total dry matter applied (lb/ac)	Estimated PAN after 28 days (lb/ac)	Estimated PAN after full season (lb/ac)	P ₂ O ₅ (lb/ac)	K ₂ O (lb/ac)	Ca (lb/ac)	Mg (lb/ac)	S (lb/ac)	B (lb/ac)	Cu (lb/ac)	Fe (lb/ac)	Mn (lb/ac)	Zn (lb/ac)	
ORGANIC FERTILIZERS																
Blood meal (12.5-1.5-0.6)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bone meal (3-20-0.5)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chicken manure - dried (3.5-2-2)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feather meal (granulated) (13-0-0)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish meal (10-6-2)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meat and bone meal (7-8-0)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Muriate of potash (KCl) (0-0-60)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soy meal (6.5-1.5-2.4)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sulfate of potash (0-0-50)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sulfate of potash magnesia (0-0-22)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYNTHETIC FERTILIZERS																
Triple super phosphate (0-40-0)		0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
Urea (46-0-0)		0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
0		0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
0		0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPOST																
Composted manure (1.5-0.5-0.5)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Nutrients Provided

MATERIAL	APP'N RATE	POUNDS OF EACH NUTRIENT PROVIDED													
		Total N applied (lb/ac)	Total dry matter applied (lb/ac)	Estimated PAN after 28 days (lb/ac)	Estimated PAN after full season (lb/ac)	P ₂ O ₅ (lb/ac)	K ₂ O (lb/ac)	Ca (lb/ac)	Mg (lb/ac)	S (lb/ac)	B (lb/ac)	Cu (lb/ac)	Fe (lb/ac)	Mn (lb/ac)	Zn (lb/ac)
 	App'n rate "as-is" basis (lb/ac)														
COVER CROP FIELD															
	0	0	0		0										
Total applied		0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Fertilizer recommendation															
Balance		0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Comments to:	nick.andrews@oregonstate.edu														