

Rulon Enterprises
Cover Crop Acres and Costs Fall 2010

ccfall10.xls

Method for Seeded Acres	Crop	Acres
Aerial		0
Tye Drill (15')	Mixed Tests	87
Tye Drill (15')	Cereal Rye	21
Tye Drill (15')	Annual Ryegrass	447
White 15" x 31 row planter	Peas & Radiash	174.25
White 15" x 31 row planter	Oats & Radish	1352.4
White 15" x 31 row planter	Oats & Radish & Clover	180
White 15" x 31 row planter	Cereal Rye	820.7
Total Acres Planted		3082.35

Seed Cost	Seeding Rate	Units	\$/Unit	Approx \$/acre	Total Cost
Cereal Rye - 206 Acres of saved seed	1.5	300	\$11.60	\$17.40	\$3,480.00
Feed Oats	0.4	626.75	\$4.25	\$1.70	\$2,663.69
Beck Winter (Cereal) Rye	1	461	\$14.00	\$14.00	\$6,454.00
Crimson Clover (Dixie)	5	950	\$1.01	\$5.05	\$959.50
Beck Annual Rye Grass	12	500	\$0.78	\$9.36	\$390.00
Bagged Oats	0.4	22	\$7.37	\$2.95	\$162.14
Groundhog Radish	1.9	2850	\$2.97	\$5.64	\$8,464.50
Austrian Winter Peas	20	2500	\$1.30	\$26.00	\$3,250.00
Feed Oats - Drilled	1	626.75	\$4.25	\$4.25	\$2,663.69
Crimson Clover (Dixie) - Drilled	8	950	\$1.01	\$8.08	\$959.50
Groundhog Radish - Drilled	4	2850	\$2.97	\$11.88	\$8,464.50
Total Seed Cost					\$37,911.52
Seed Cost/Planted Acre					\$12.30

Blend Costs Per Acre	Cost/Acre
Peas + Radish (15")	\$31.64
Feed Oats + Radish (15")	\$7.34
Bagged Oats + Radish (15")	\$8.59
Feed Oats + Radish & Clover (15")	\$12.39
Feed Oats + Radish (7.5")	\$16.13
Feed Oats + Radish & Clover (7.5")	\$24.21

Other Costs for Season

	Quantity	Rate	Total Cost
Tractor Hours	206.4	\$30.00	\$6,192.00
Labor	260	\$10.00	\$2,600.00
Fuel	1330	\$2.90	\$3,857.00
Planter Repairs/wear	3082.35	\$3.00	\$9,247.05
Total Other Costs			\$21,896.05
Other Cost/Acre			\$7.10

Total Cover Crop Cost **\$59,807.57**
Cost/Acre Planted **19.4032362**

(No allowabce for extra spring burn down cost)

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BENEFITS ANALYSIS

		Per acre	Acres	Total Benefit
Fertilizer Saved-P & K (Purdue Tile Discharge Data)		\$4.00	3082	\$12,328.00
Fertilizer Savings - N (Yield loss @ RLP 5bu@\$4)		-\$20.00	140	-\$2,800.00
Corn Yield Increase (Pea Data from C-Max 4bu@\$4)		\$16.00	175	\$2,800.00
Soybean Yield Increase (White Mold 2bu@\$11)		\$22.00	842	\$18,524.00
Drought Tolerance	Guess	\$0.50	3082	\$1,541.00
Biology Improvement	Guess	\$2.00	3082	\$6,164.00
Soil Quality	Guess	\$1.00	3082	\$3,082.00
Erosion Reduction	Guess	\$1.00	3082	\$3,082.00
Biodiversity/Disease Control	Guess	\$1.25	3082	\$3,852.50
Chemical Break Down	Guess	\$0.25	3082	\$770.50

Total Cover Crop Benefit = \$49,344.00

Net Economic Benefit = -\$10,463.57