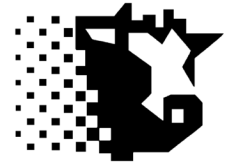


ISU Beef Feedlot Monitor Software

Performance and Cost Monitoring Software for Windows



What it does

The ISU Beef Feedlot Monitor Software is stand alone, Windows™ based software designed for commercial beef feedyards to monitor animal and financial performance, generate invoices for custom fed cattle and closeouts on finished lots. Input data regarding feed and health product use, production costs and income are used to calculate real time weight gains, breakeven values and returns on cattle moving through the operation.

Features

- Cattle, feed and health product use and inventory tracking
- Animal weight gain, breakeven (live and carcass) reporting
- Feed out projections
- Custom feeder billing and accounting capability
- Closeout summaries on single or combined pens
- Group and individual animal monitoring and billing
- Print reports to screen, paper or Excel®
- Quick access to yard reports
- Ties in with Digi-Star feed wagon systems
- Ties in with the BRANDS program
- Updates easily with the previous feedlot monitor files
- Flexible data entry and user defined cost and income categories
- Iowa State University Benchmark network membership
- Support by phone or email from Iowa Beef Center

Reports

Example Closeout Report

Feeding Lot: 1266		Date Fed: 09/15/2012 - 12/25/2012							
DESCRIPTION		FEED	TOTAL \$	TOTAL lbs	% DM	DM/HD	\$/UNIT		
Management:	open	hay	1321.9	27540	90	91.1	96.0		
Facility:	open	stalks	643.8	25750	90	85.2	50.0		
yearling:	-females-beef	dry corn	54867.7	397485	85	1242.1	276.1		
Head Started:	272 (901 lb)	soy pellets	13997.2	143320	88	463.7	195.3		
Head Sold:	272 (1292 lb)	corn silage	6877.2	218518	31	249.0	62.9		
Mortality:	0.0 %	distillers	37361.6	565232	30	623.4	132.2		
		supplement	4666.4	25100	90	83.1	371.8		
PURCHASE LOT/ SOURCE									
1361 / ks									
NOTES:									
ANIMAL PERFORMANCE		COST SUMMARY					\$/UNIT	\$/HD SOLD	TOTAL \$
Total Beef In:	245072 lb	feed	235.49	\$/lb DM	440.20	119	735.74		
Total Beef Out:	351517 lb	interest cattle/inputs	0 %	0 %	31.41	8	544.00		
T. Head Days:	36176	yardage	0.30	\$/hd/d	39.90	10	852.80		
Feeding Days:	133	treatments	0.05	\$/hd/d	6.20	1	1,686.40		
Avg Days in Yard:	133.0	cattle	1.19	\$/lb	1073.29	291	934.88		
ADG:	2.94 lb	TOTAL COST			1591.01	432,753.82			
Feed/Gain:	7.25	INCOME SUMMARY							
DMI (avg):	21.34 lb	cattle	1.26	\$/lb	1634.74	444	649.00		
API (avg):	38.78 lb	TOTAL INCOME			1634.74	444,649.00			
Avg Nbg:	60 Mcal	NET INCOME	0.03	\$/lb	43.73	11,895.18			
eNDF:	0 %	\$ Loss on Dead/Missing Cattle: Head: 0 \$ 0.00							
NFC:	0 %								
Intake	Pulls								
1st Qrt:	1.10								
2nd Qrt:	1.02								
3rd Qrt:	1.20								
4th Qrt:	1.06								
\$ PERFORMANCE									
\$/Day:	3.31	Feed							
\$/lb Gain:	1.12	Total							
Breakeven \$/cwt:	123.11								
less interest:	120.68								

Example Billing Invoice for Custom Feeding

Feeding Lot: 10 031314h		Customer Invoice		Cost Share %: 45	
Period: 04/01/2014 - 04/30/2014				Income Share %: 45	
Patron: grid		Investor's Share		Investor's Share	
313 Kildoe		FEED		NONFEED	
ISU		UNITS		COST	
Ames IA 50011		COST		COST	
FEEDING-LOT (whole pen data)		INVESTOR'S SHARE		INVESTOR'S SHARE	
CURRENT DATA		FEED		NONFEED	
Facility: #10		modified		yardage	
Initial Head: 140 (785)		gluten		702.90	
Current Head: 139		ccds		297.00	
Death Loss: 1		mog		Total N.F. Cost \$: 999.90	
PERIOD DATA		hcmjny			
Med. Treatments: 11		dmj corn			
Retreats: 4		couner liqui			
Cattle Added: 0		Total Feed \$:		4337.73	
Removed-market: 0		Feed \$/ton AP:		112.09	
Removed-breeding: 0		Feed DMt:		53.44	
Removed-sickpen: 0		DMI:Wt (\$):		2.68	
Removed-dead: 1		ADG: 3.20cum.		3.81	
Removed-other: 0		DMI:		24.70	
\$ Value Removed: 0		F:G:		6.49	
		Days Fed:		53	
		Est. Wt:		948	
		Breakeven:		157.56	
		Cum		Period	
		\$/lb. Gain:		0.92 0.76	
		\$/HD/Day:		2.95 2.90	
BILLING SUMMARY (investor)		cattle not included			
Charges to Date: 4131.93		Payments to Date: 4131.93			
Outstanding Balance: 0.00		Credit: 0.00			
Charge on Balance: 0.00		Current Bill: 5337.63			
Account Adjustment: 0		Account Adjustment: 0			
BALANCE DUE: 5337.63		NOTES TO INVESTOR			

Example Yard Report

Yard Sheet - Active Feeding Lots

4/2/2015

Facility	Feeding Lot	Mgmt	As of DOP	Wt	ADG	CADG	DMR	\$/gain	Brkevn	Head	Strt	Dead	Trts	PayWt	\$/lb	DMI	adMI	Ration
2 #17	17 011615	Conve	03/15	61	1006	3.1	2.9	2.1	0.75	181.0	125	125h	3	832	2.02	21.2	20.0	r6
3 #18	18 012115	Conve	03/15	54	994	3.1	2.8	2.1	0.79	170.2	123	123h	2	866	1.86	20.9	19.8	r6
4 #19	19 012815	Conve	03/15	47	902	3.2	3.0	2.3	0.72	182.7	128	128h	9	758	2.02	20.6	20.0	r6
5 #16	16 021315	Conve	03/15	31	867	3.4	2.2	2.5	0.67	188.0	130	130h	1	800	1.95	21.0	16.5	r4
6 #22	22 021515	Conve	03/15	29	795	3.0	1.7	2.4	0.72	178.0	135	135h	9	680	2.00	18.9	14.2	r4
7 #21	21 022115	Conve	03/15	22	869	2.9	2.2	2.3	0.75	96.4	131	131h	2	822	1.88	19.8	18.5	r3
8 #20	20 022615	Conve	03/15	18	1044	14.9	13.09	6	0.50	157.1	120	120h	1	811	1.85	90.5	84.0	r2
9 #13	13 030715	Conve	03/15	9	836	1.8	1.7	2.0	1.04	190.6	58	58h	0	820	1.90	16.8	16.2	r1
10 #14	14 030515	Conve	03/15	11	831	1.1	1.0	1.6	1.48	189.6	125	125h	1	820	1.90	13.2	12.4	r1
11 #15	15 030515	Conve	03/15	11	829	1.1	0.8	1.5	1.64	192.1	130	130h	2	820	1.90	12.7	11.6	r1
12 #10	10 031315	Conve	03/15	3	848	0.9	0.9	1.5	8.18	186.7	131	131h	0	845	1.85	12.5	12.5	r1
13 #12	12 031215	Conve	03/15	4	804	0.5	0.5	1.2	11.53	196.5	125	125h	0	802	1.94	9.8	9.8	r1
Total Hd: 1561																		

(Continued on page 2)

Example Feeding Period Summary

Feeding Period Summary

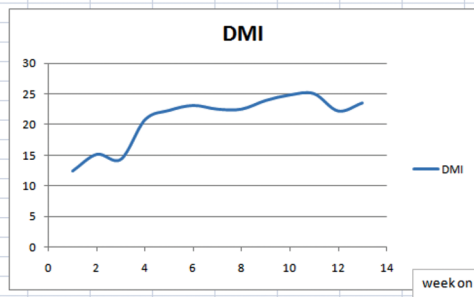
9-032614h

03/26-2014 beef Initial: 129 \$Feed/lb gain: 0.68 SoldOff: 62280 Recvd: 99358.56
 Conventional yearling Current: 57 \$Total/lb gain: 0.94 Started: 96950 \$Spent: 190722.01
 Heifers Fulls: 6 Avg.DMI: 21.32 Net lbs: -34670 \$ Net: -91363.45
 Health Risk: Medium Deads: 0 Avg.API: 40.26 Avg.ADG: 3.20 Cur.Facility: #9

Period	Days Fed	Avg. Wt.	ADG	DMI	- Additives -				- Ratios -				\$/lb.gain - - \$/cwt - -							
					I	A	M	B	DMI	DM:BW	Maint.	M.P.	NEg	Feed	Total	Live	Carcass	Ratio		
03/26-04/06	12	795	3.59	23.4	311					1.20	3.11	1.13	1.33	0.51	0.61	0.90	165.46	275.66	r-1 a	r-2 a
04/07-04/07	13	798	2.71	17.7	254					0.89	2.22	1.00	1.23	0.55	0.63	0.85	165.12	275.10	r-2 a	r-2 a
04/08-04/13	19	818	3.25	19.2	294					0.98	2.40	1.00	1.13	0.59	0.60	0.78	162.97	271.90	r-3 a	r-4 a
04/14-04/20	26	841	3.25	19.7	307					0.98	2.40	1.00	1.12	0.59	0.63	0.89	160.88	268.79	r-5 b	r-6 b
04/21-04/27	33	865	3.43	20.9	324					1.02	2.48	1.00	1.15	0.59	0.64	0.81	158.61	266.57	r-6 b	r-6 b
04/28-05/04	40	886	3.02	19.7	306					0.95	2.28	1.00	1.16	0.59	0.68	0.87	157.33	264.42	r-6 b	r-6 b
05/05-05/11	47	913	3.89	24.2	376					1.14	2.73	1.00	1.23	0.59	0.65	0.87	156.31	254.16	r-6 b	r-6 b
05/12-05/18	54	939	3.67	23.7	368					1.09	2.59	1.00	1.25	0.59	0.68	0.94	155.40	252.68	r-6 b	r-6 b
05/19-05/25	61	966	3.86	25.1	390					1.13	2.67	1.00	1.29	0.59	0.68	0.90	154.37	251.01	r-6 b	r-6 b
05/26-06/01	68	991	3.55	24.1	374					1.18	2.49	1.00	1.30	0.59	0.71	0.95	153.52	249.63	r-6 b	r-6 b
06/02-06/08	75	1015	3.43	23.9	372					1.15	2.41	1.00	1.32	0.59	0.73	0.98	152.72	248.33	r-6 b	r-6 b
06/09-06/15	82	1031	2.32	18.6	289					0.88	1.83	1.00	1.24	0.59	0.84	1.21	152.33	247.69	r-6 b	r-6 b
06/16-06/22	89	1044	1.80	16.2	252					0.76	1.57	1.00	1.19	0.59	0.94	1.41	152.14	247.38	r-6 b	r-6 b
06/23-06/29	96	1060	2.22	18.5	287					0.86	1.77	1.00	1.26	0.59	0.88	1.26	151.78	246.80	r-6 b	r-6 b
06/30-07/06	103	1079	2.68	21.2	328					0.97	1.99	1.00	1.32	0.59	0.83	1.14	151.28	245.98	r-6 b	r-6 b
07/07-07/13	110	1098	2.68	21.4	332					0.97	1.98	1.00	1.34	0.59	0.84	1.16	150.81	245.22	r-6 b	r-6 b

Example of Data Printed to Excel

Record	Start	End	Day on	Intake	\$ Feed	\$ Total	\$ Interest	\$ BrkEvn	NE g	MP	RDP								
Number	Date	Date	Feed	Wt	ADG	F:G	AFI	DMI	% DM	Ratio	DMI:BWt	/lb Gn	/lb Gn	/lb Gn	/cwt	Mcal/lb	Ratio	Ratio	%
1	1/17/2017	1/17/2017	3	740	0.88	14.3	21.7	12.5	57.6	0.63	1.7	1.15	1.84	0.18	127.35	0.45	1.17	1.41	
2	1/17/2017	1/17/2017	10	751	1.61	9.4	25.7	15.2	59	0.77	2.04	0.72	2.64	0.1	129.36	0.48	1.14	1.25	
3	1/17/2017	1/17/2017	17	763	1.71	8.4	24	14.4	59.9	0.74	1.91	0.61	0.97	0.09	128.89	0.53	1.1	1.18	
4	1/17/2017	1/17/2017	24	787	3.48	6	33.3	20.8	62.4	1.09	2.72	0.42	0.6	0.05	126.76	0.56	0.99	1.13	
5	1/17/2017	1/17/2017	31	814	3.87	5.8	34.8	22.3	64.2	1.16	2.83	0.4	0.52	0	123.87	0.58	1.06	1.1	
6	1/17/2017	1/17/2017	38	839	3.63	6.4	36	23.1	64.2	1.17	2.84	0.45	0.57	0	121.86	0.58	1.11	1.1	
7	1/17/2017	1/17/2017	45	863	3.47	6.5	33.9	22.5	66.3	1.11	2.67	0.45	0.59	0	120.13	0.59	1.11	1.09	
8	1/17/2017	1/17/2017	52	887	3.5	6.4	33.7	22.5	66.7	1.1	2.6	0.49	0.62	0.01	118.55	0.6	1.07	0.98	
9	1/17/2017	1/17/2017	59	913	3.73	6.4	35.8	23.9	66.7	1.15	2.69	0.48	0.61	0.01	116.96	0.6	1.07	0.98	
10	1/17/2017	1/17/2017	66	939	3.78	6.6	37.3	24.8	66.7	1.17	2.71	0.5	0.62	0.01	115.41	0.6	1.09	0.98	
11	1/17/2017	1/17/2017	73	965	3.75	6.7	37.5	25	66.7	1.15	2.65	0.51	0.63	0.01	114.04	0.6	1.11	0.98	
12	1/17/2017	1/17/2017	80	987	3.12	7.1	33.3	22.2	66.7	1.11	2.3	0.54	0.69	0.01	113.05	0.6	1.13	0.98	
13	1/17/2017	1/17/2017	87	1010	3.32	7.1	35.2	23.5	66.7	1.15	2.37	0.54	0.68	0.01	111.98	0.6	1.13	0.98	



Cost

New copies: \$600 (one-time fee)

For those who update from the previous edition: \$200

How to order

Contact the ISU Extension Store

Phone: (515) 294-5247

Web: <https://store.extension.iastate.edu> (Search: Feedlot Monitor)