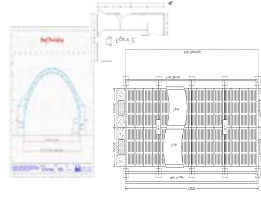
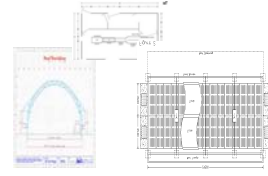


Facility Assessment

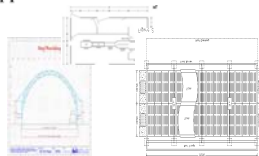


Facility Assessment



General Inputs		Facility Type Inputs		
Facility Description		Open lot Wind Break	Confinement Bedded	Confinement slat with mats
Number of head		1000	1000	1000
Investment for facility				
Feeder Calf Wt	750			
Feeder Calf Cost \$/lb	\$ 1.80	\$ 400.00	\$ 800.00	\$ 1,200.00
Finished Wt	1450	2%	2%	2%
Finished Value \$/lb	\$ 1.00	1%	1%	1%
		20	5	5
Financing for facility				
Ration Cost (\$/ ton DM)	\$168.00	80%	80%	80%
		20	20	20
		6%	6%	6%
Vet med and health				
Cost (\$/ treatment) minor	\$ 40.00	0%	0%	0%
Cost (\$/ treatment) serious	\$ 60.00	0%	0%	0%
Realizer/Poor Doer Value	50%	5	5	5
		0%	0%	0%
Nutrients				
		% of nutrient available for crop		
		Facility 1	Facility 2	Facility 3
N	\$ 0.50	50%	50%	50%
P2O5	\$ 0.55	100%	100%	100%
K2O	\$ 1.00	100%	100%	100%
Performance and Health				
Occupancy (%)	100%	100%	100%	100%
Avg. Daily Gain	3.25	3.35	3.75	3.75
Pounds DM Feed per Pound Gain	7.2	6.85	6.5	6.5
Feed intake lbs DM per hd per day	23.4	22.9	24.4	24.4
Medical Treatments-minor %	10%	10%	10%	10%
Medical Treatments-serious %	5%	5%	5%	5%
Realizer & Poor Doers %	1%	1%	1%	1%
Mortality %	1%	1%	1%	1%
Adjusted Avg. Daily Gain	3.20125	3.29975	3.69375	3.69375
Adjusted DM Feed per Gain	7.3096447	6.954315	6.5989848	6.5989848
Bedding Cost (\$/ ton)				
	\$ 40.00			
Labor Charge (\$/hour)				
	\$ 15.00			

Facility Assessment



Facility Assessment



Facility Description		Open lot Wind Break	Confinement Bedded	Confinement slat with mats
Manure quantity, nutrient concentration and value				
Manure (tons or 1000 gallons) per head annual	3.00	5.00	2.50	
Manure (tons or gallons) total annual	3,000	5,000	2,500	
- manure - Nitrogen lbs per ton or 1000 gallon	15	18	45	
- manure - Phosphorus lbs per ton or 1000 gallon	8	11	24	
- manure - Potassium lbs per ton or 1000 gallon	11	14	36	
Other non feed factors				
Bedding (Pounds / Head-Day)	2.00	10.00	0.00	
Labor - processing, sorting, etc (hours/group/turn)	10.00	10.00	10.00	
Labor - daily care (hours/group/day)	2.60	2.60	2.60	
Labor - cleaning and bedding hours/group/week	4.00	4.00	0.00	
Labor - manure application hours per facility/turn	70.00	70.00	80.00	
Custom manure application charge per year	0.00	0.00	0.00	
Total labor hours per turn per head	0.77	0.75	0.58	
Equipment operation/head/turn	\$ 10.00	\$ 10.00	\$ 20.00	
Equipment ownership/head/year	\$ 20.00	\$ 20.00	\$ 20.00	
Vet/Med in addition to treatment per hd per turn	\$ 25.00	\$ 25.00	\$ 25.00	
Misc charges trucking, marketing etc / head/turn	\$ 15.00	\$ 15.00	\$ 15.00	
Rental rate per acre for land for facility	\$ 250.00	\$ 250.00	\$ 250.00	
Investment for additional feed storage or equipment				
Feeding equipment (total \$)	#####	#####	#####	
Manure / Dirt Handling equipment (total \$)	#####	#####	#####	
Bedding equipment. (total \$)	\$ -	#####	\$ -	
Cattle Handling equipment (total \$)	#####	#####	#####	
Feed storage total \$	\$ 100,000	\$ 100,000	\$ 100,000	
Insurance (% of original investment)	1%	1%	1%	
Tax on feed storage only (% of original investment)	1%	1%	1%	
Finance additional feed storage or equipment				
% Borrowed Money \$	100%	100%	100%	
Note Length (years)	5	5	5	
Interest Rate (%)	5%	5%	5%	
Days on feed and turns per year				
Days on Feed / turn	218.66	212.14	189.51	
Days facility full per year	365.00	365.00	365.00	
Turns (over year span)	1.67	1.72	1.93	
Custom feeding charge per head per day				
Custom feeding charge per head per day	\$ 0.35	\$ 0.40	\$ 0.50	
Feed mark up	1500%	1500%	1500%	
% of capacity custom fed	100%	100%	100%	

Facility Description		Open lot Wind Break	Confinement Bedded	Confinement slat with mats
Other non feed factors				
Bedding (tons) annually	365	1825	0	
Bedding cost annually	\$ 14,600.00	\$ 73,000.00	\$ -	
Bedding cost per head space per year	\$ 14.60	\$ 73.00	\$ -	
Labor				
Total labor hours	1291	1295	1122	
Total labor hours per head space	1.29	1.30	1.12	
Total labor hours per turn per head	0.77	0.75	0.58	
Total labor charge	\$ 19,366.64	\$ 19,428.27	\$ 16,835.14	
Custom manure application charge	\$ -	\$ -	\$ -	
Interest on feed and feeder cattle purchases	\$ -	\$ -	\$ -	
Interest on feed	\$ -	\$ -	\$ -	
Interest on cattle	\$ -	\$ -	\$ -	
Investment for additional feed storage or equipment				
Total additional investment	\$ 180,000.00	\$ 190,000.00	\$ 180,000.00	
Additional taxes and insurance	\$ 2,800.00	\$ 2,900.00	\$ 2,800.00	
Per head per year charge	\$ 24.91	\$ 25.51	\$ 21.59	
Finance additional feed storage or equipment				
Annual payment	\$ 41,575.46	\$ 43,885.21	\$ 41,575.46	
Cash or owner equity	\$ -	\$ -	\$ -	
Cost per lb. of gain comparison				
Total Cost (\$ / lb. Gain)	\$ 0.82	\$ 0.87	\$ 0.81	
Feed Cost (\$ / lb. Gain)	\$ 0.61	\$ 0.58	\$ 0.55	
Non feed variable cost (\$/lb. gain)	\$ 0.11	\$ 0.16	\$ 0.11	
Non feed fixed cost (\$/lb. gain)	\$ 0.10	\$ 0.13	\$ 0.15	
Manure value (\$/ lb. gain)	\$ 0.02	\$ 0.04	\$ 0.05	
Total Cost (\$/lb. gain) with manure credit	\$ 0.80	\$ 0.83	\$ 0.77	
Breakeven comparison				
Breakeven finished price with manure credit	\$ 1.34	\$ 1.35	\$ 1.32	
Breakeven finished price without manure credit	\$ 1.34	\$ 1.37	\$ 1.34	
Yardage and custom feeding				
Yardage per head per day	\$ 0.45	\$ 0.73	\$ 0.72	