

FEEDPRO EMAX LIMITED

COST BENEFIT ANALYSIS FOR APPLICATION OF EM.1 TO 500 AND 5,000 CHICKEN FARM PROJECT

S/No	Variable	Small Size Project	Medium Size Project	Comment
A	No Of Chicken	500	5,000.00	
B	Water Ratio Daily - Average (L)	0.2	0.3	
C	Life Cycle (Months)	1	1	
D	Liters of Water (A*B*C*30days)	3,000.00	45,000.00	
E	EM Required: (Authentic) [D/10,000] Bokashi Required:	0.30	4.50	Extended and Should be distributed to 3 Mother Units
F	Feed Ratio	0.05	0.005	
G	Feed Required	750.00	750.00	
H	Bokashi Required (Kg): (G/100)	7.5	7.5	
I	Price of EM.1 Authentic and 1L molaris (TZS)	17,000.00	17,000.00	
J	Price of Bokashi - Less cost of rice polish (MARGINAL) -TZS	870	870	This replace Rice polish at TZS 250/- Marginal 520/-
	EM in Litter Management			>> Spray the litter with EM before applying (ratio) 1.1000)
K	Costs EM for water (80%)	4,080.00	38,250.00	
L	Costs EM in Feeds (100%) Cost Feeds (DISCOUNTED see comment J)	6,525.00	6,525.00	
M		4,650.00	4,650.00	
N	Total EM (K+L)	10,605.00	44,775.00	
N	Total EM (K+M) Discounted	8,730.00	42,900.00	

Savings

based on 540 chicks

VRID - Water treatment	6,500.00
1 Vitamin to be dropped	6,500.00
Glocose/Brown Sugar	3,000.00
Feed > added bokashi	1,875.00

Total Savings 17,875.00

Net Savings (7,270.00) (17,448.00)

Percentage savings 41% 41%