

BioPlus 2B  
Efficacy Trials - Breeder flocks



## Al Safa Farm

### *Final Costs for the Houses 1,2&3 using BioPlus 2B*

*In Date* : 30/07/2004

*Out Date* : 13/09/2004

Cost Items	House 1	House 2	House 3
<b>Chicken</b>	8495.08	8495.08	8495.09
<b>Feed</b>	23791.57	23458.40	23940.09
<b>Medicines &amp; Detergents</b>	3188.07	3042.83	3043.02
<b>Operating Expenses</b>	1663.51	1611.51	1636.53
<b>Heating Fuel</b>	0.00	80.00	36.00
<b>Heating Gas</b>	0.83	80.00	92.00
<b>Rent</b>	750.00	750.00	750.00
<b>Wages &amp; Supervising</b>	1310.00	1770.00	1740.00
<b>Total Expenses in Egyptian Pound</b>	<b>39281.23L.E</b>	<b>39287.82L.E</b>	<b>39732.73L.E</b>

Cost Items	House 1	House 2	House 3
<b>Number of chicks</b>	5000	5000	5000
<b>Chicken Price</b>	1699	1699	1699
<b>No. of Broilers</b>	4713	4689	4712
<b>No. of Mortalities</b>	287	312	289
<b>Rate of mortalities</b>	5.74%	6.24%	5.78%
<b>Total Feed used</b>	14205.237 Ton	13903.525 Ton	14161.737 Ton
<b>Total live weight</b>	7341 ton	7417 ton	7642 ton
<b>Conversion Rate</b>	1935	1.87	1.85
<b>Average of live in the house</b>	1558	1582	1622
<b>Average cost for 1 ton feed</b>	1674.84 L.E	1687.23 L.E	1690.48 L.E
<b>Cost of one Kilo</b>	<b>5.35 L.E</b>	<b>5.30 L.E</b>	<b>5.20 L.E</b>

*Final Costs for the previous Flock of the same farm*

*Houses 1,2&3*

*In Date : 01/06/2004*

*Out Date : 12/07/2004*

<b>Cost Items</b>	<b>House 1</b>	<b>House 2</b>	<b>House 3</b>
<b>Chicken</b>	<b>7524.10</b>	<b>7521.10</b>	<b>7516.60</b>
<b>Feed</b>	<b>26841.96</b>	<b>25871.41</b>	<b>25746.56</b>
<b>Medicines &amp; Detergents</b>	<b>3294.62</b>	<b>3554.88</b>	<b>3554.13</b>
<b>Operating Expenses</b>	<b>1206.24</b>	<b>1209.74</b>	<b>1216.94</b>
<b>Heating Fuel</b>	<b>72.00</b>	<b>80.00</b>	<b>88.00</b>
<b>Heating Gas</b>	<b>153.50</b>	<b>182.00</b>	<b>194.00</b>
<b>Rent</b>	<b>861.00</b>	<b>861.00</b>	<b>861.00</b>
<b>Wages &amp; Supervising</b>	<b>1803.00</b>	<b>1793.00</b>	<b>1573.00</b>
<b>Total Expenses in Egyptian Pound</b>	<b>41756.42 L.E</b>	<b>41073.13 L.E</b>	<b>40750.23 L.E</b>

<b>Cost Items</b>	<b>House 1</b>	<b>House 2</b>	<b>House 3</b>
<b>Number of chicks</b>	<b>5000</b>	<b>4998</b>	<b>4995</b>
<b>Chicken Price</b>	<b>1.50</b>	<b>1.50</b>	<b>1.50</b>
<b>No. of Broilers</b>	<b>4513</b>	<b>4555</b>	<b>4540</b>
<b>No. of Mortalities</b>	<b>493</b>	<b>446</b>	<b>455</b>
<b>Rate of mortalities</b>	<b>9.86%</b>	<b>8.92%</b>	<b>9.11%</b>
<b>Fall in the no. of chickens</b>	<b>+6</b>	<b>+ 1</b>	<b>0</b>
<b>Total Feed used</b>	<b>13869.225 ton</b>	<b>13397.575 ton</b>	<b>13335.75 ton</b>
<b>Total live weight</b>	<b>6170 ton</b>	<b>6824 ton</b>	<b>6843 ton</b>
<b>Conversion Rate</b>	<b>2.25</b>	<b>1.96</b>	<b>1.95</b>
<b>Average of live in the house</b>	<b>1.367</b>	<b>1.498</b>	<b>1.507</b>
<b>Average cost for 1 ton feed</b>	<b>1935.36 L.E</b>	<b>1931.05 L.E</b>	<b>1930.64 L.E</b>
<b>Cost of one Kilo</b>	<b>6.77 L.E</b>	<b>6.02 L.E</b>	<b>5.95 L.E</b>
<b>Age</b>	<b>41</b>	<b>41</b>	<b>42</b>

Qty	HouseNo.1 (BioPlus2B)		House No. 2 (BioPlus 2B)		House No. 3 (Control)	
	5000 ( 1000 gm starter) ( 400 gm finisher)		5000 (400 gm starter ) (200 gm finisher)		5000	
Wgt.& Conversion rate	Average Weight gm	Conversion	Average Weight gm	Conversion	Average Weight gm	Conversion
1 <sup>st</sup> Week	130	0.872	124	0.860	129.8	0.87
2 <sup>nd</sup> Week	325	1.3	360	1.22	354	1.2
3 <sup>rd</sup> Week Age23 days	648	1.617	682	1.59	672.5	1.546
4 <sup>th</sup> Week	1002	1.690	1057.5	1.70	1075	1.66
5 <sup>th</sup> Week	1362	1.840	1446	1.84	1487	1.77
6 <sup>th</sup> Week	1558	1.935	1582	1.87	1622	1.85

### Mortality

Qty	HouseNo.1 (BioPlus2B)		House No. 2 (BioPlus 2B)		House No. 3 (Control)	
	5000 ( 1000 gm starter) ( 400 gm finisher)		5000 (400 gm starter ) (200 gm finisher)		5000	
Wgt.& Conversion rate	Average Weight gm	Conversion	Average Weight gm	Conversion	Average Weight gm	Conversion
1 <sup>st</sup> Week	58	1.16%	121	2.42%	46	0.92%
2 <sup>nd</sup> Week	29	0.58%	49	0.98%	33	0.66%
3 <sup>rd</sup> Week	28	0.56%	35	0.7%	37	0.74%
4 <sup>th</sup> Week	40	0.8%	34	0.68%	59	1.18%
5 <sup>th</sup> Week	48	0.96%	41	0.82%	50	1%
6 <sup>th</sup> Week	84 (10days)	1.68%	32	0.64%	62	1.24%
Total	287	5.74%	312	6.24%	287	5.74%

**Feed**

Qty	HouseNo.1 (BioPlus2B)		House No. 2 (BioPlus 2B)		House No. 3 (Control)	
	5000 ( 1000 gm starter) ( 400 gm finisher)		5000 (400 gm starter ) (200 gm finisher)		5000	
Wgt.& Conversion rate	Average Weight Ton	Conversion Gm/bird	Average Weight Ton	Conversion Gm/bird	Average Weight Ton	Conversion Gm/bird
1st Week	0.560	112	0.560	112	0.560	112
2nd Week	1.480	296	1.560	312	1.600	320
3rd Week	2.640	528	2.720	544	2.520	504
4th Week	3.400	680	3.600	720	3.680	736
5th Week	3.720	744	4.000	800	4.120	824
6th Week	2.405	481	1.463	292	1.682	336
Total	14.205	2841	13.903	2780	14.162	2832

**The house no .1 stayed 3 days more than other houses because of coccidiosis.**

*Comparison of the results between the present flock  
(using BioPlus + Control) and the previous flock*

	House 1		House2		House 3	
	Previous Flock Of the same house	Present Flock using BioPlus	Previous Flock Of the same house	Present Flock using BioPlus	Previous Flock Of the same house	Present Flock using BioPlus
<b>Mortality</b>	<b>493 9.86%</b>	<b>287 5.74%</b>	<b>446 8.92%</b>	<b>312 6.24%</b>	<b>455 9.11%</b>	<b>289 5.78%</b>
<b>Weight</b>	<b>1.367</b>	<b>1.558 kg</b>	<b>1.498</b>	<b>1.582</b>	<b>1.507</b>	<b>1.622</b>
<b>Conversion Rate</b>	<b>2.25</b>	<b>1.935</b>	<b>1.960</b>	<b>1.87</b>	<b>1.95</b>	<b>1.85</b>
<b>Feed Kg/bird</b>	<b>2.773</b>	<b>2.841</b>	<b>2.679</b>	<b>2.780</b>	<b>2.667</b>	<b>2.832</b>
<b>Costs of Medicines &amp; Vaccines IN L.E.</b>	<b>3294.6.</b>	<b>3188</b>	<b>3554.8</b>	<b>3042.8</b>	<b>3554.1</b>	<b>3043.00</b>

All medication in three houses were the same except house no. 1 in week 5,6 was treated with amprolium for 7days for coccidiosis.

*Feed Formulation*

<b>Item</b>	<b>Starter</b>	<b>Grower</b>	<b>Finisher</b>
<b>Yellow Corn</b>	<b>609.5</b>	<b>663.5</b>	<b>684.5</b>
<b>Soya Meal</b>	<b>289</b>	<b>234</b>	<b>214</b>
<b>Concentrates</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Oil</b>	<b>5</b>	<b>17</b>	<b>30</b>
<b>Premixes</b>			
<b>Di.ca.ph</b>	<b>13</b>	<b>12</b>	<b>12</b>
<b>Bicarbonate</b>			
<b>Methionine</b>	<b>1</b>	<b>1</b>	
<b>Lysine</b>			
<b>Calcium Carbonate</b>	<b>3</b>	<b>4</b>	<b>4</b>
<b>Zylam (enzymes for saving energy)</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>
<b>Salt</b>		<b>1</b>	<b>1</b>