

# Essential

## Case Study: Layers

No antibiotics. No residues. No restrictions.  
Profits.

### Goias - Brazil

**Breed:** Bovans White

**Duration:** 10 weeks (23wks - 32wks)

**Number of birds:**

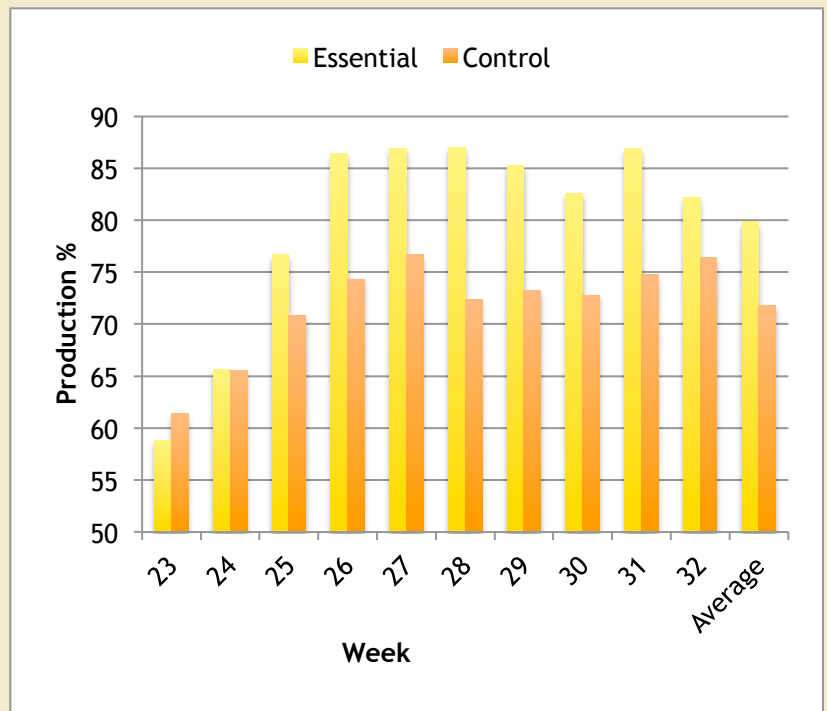
2,957 Essential (1.5 kg/MT)

17,667 Control



### Production Under Heat Stress

Week	Essential	Control
23	58.8	61.4
24	65.6	65.5
25	76.7	70.8
26	86.4	74.3
27	86.9	76.7
28	87	72.4
29	85.3	73.2
30	82.6	72.8
31	86.9	74.8
32	82.2	76.4
<b>Average</b>	<b>79.84</b>	<b>71.83</b>

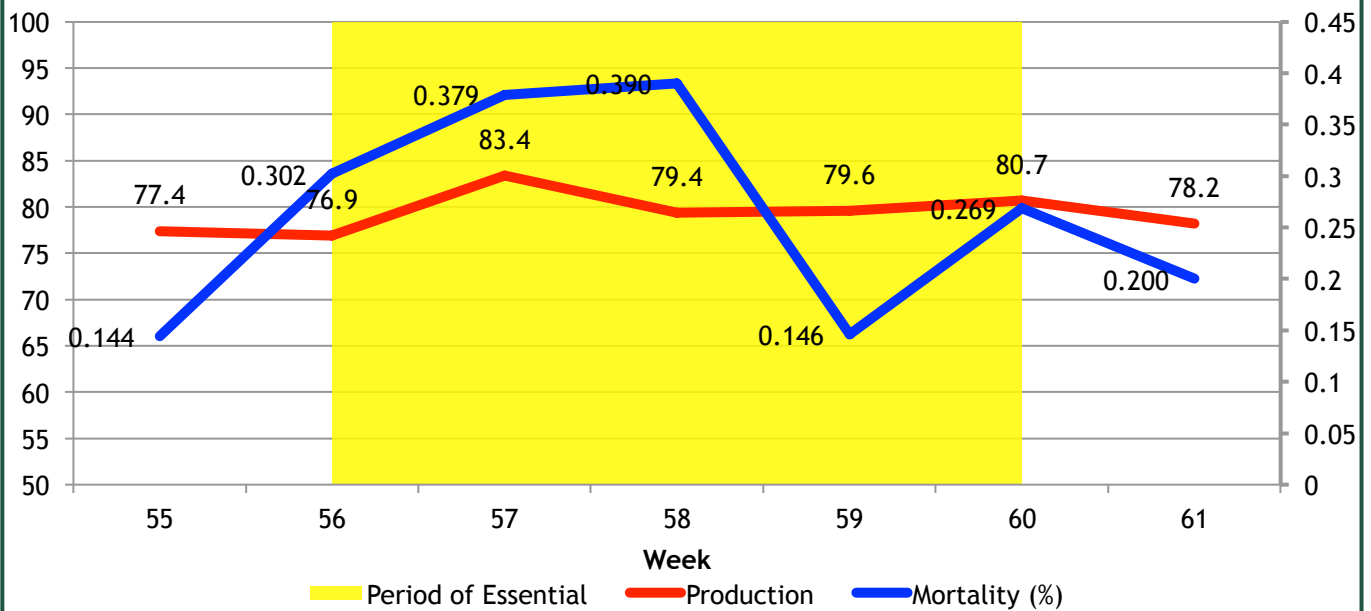


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**Breed:** Hy-Line  
**Age:** 56 weeks  
**Number of birds:**  
 17.767 - White  
 4.437 - Red  
**Dosage:** 1.5 kg/MT

- Essential -

Week	Production Standard	Production	Percent Production	Mortality (%)
55	83	77.4	-5.6	0.144
56	82	76.9	-5.1	0.302
57	82	83.4	1.4	0.379
58	81	79.4	-1.6	0.390
59	81	79.6	-1.4	0.146
60	81	80.7	-0.3	0.269
61	80	78.2	-1.8	0.200



## Conclusion

1. The birds were already post-peak and below the standard curve when the treatment began.
2. During the treatment there was an improvement in the laying percent (%).
3. In week 61, after ending the supplementation of Essential, the production fell.
4. Mortality was 50% lower after Essential supplementation compared to the rest of the farm.



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