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| Parameter/Age in period | Treatments | | | | | | | | | | | |
| Body weight (bird/g/week) | T1-control | | | T2- ZnSO4 (40 mg/L) | | | T3 ZnSO4 (60 mg/L) | | | T4- ZnSO4 (80 mg/L) | | |
| R1 | R2 | R3 | R1 | R2 | R3 | R1 | R2 | R3 | R1 | R2 | R3 |
| 0-14 days | 335.5 | 324.1 | 298.8 | 320.1 | 341.7 | 338.4 | 330.1 | 314.5 | 305.8 | 325.5 | 306.3 | 303.8 |
| 14-21 days | 806.7 | 783.5 | 719.7 | 820.1 | 825.1 | 810.4 | 798.9 | 749.9 | 755.8 | 793.2 | 763.5 | 754.7 |
| 21-28 days | 1468.2 | 1464.8 | 1472.6 | 1529.6 | 1504.0 | 1495.7 | 1414.5 | 1401.7 | 1383.0 | 1450.3 | 1408.7 | 1470.6 |
| 28-35 days | 2208.0 | 2113.5 | 2040.2 | 2300.0 | 2184.7 | 2123.5 | 2237.0 | 2076.2 | 2034.7 | 2097.0 | 2026.1 | 2179.0 |
| BWG (bird/g/week) |  | | | | | | | | | | | |
| 14- 21 days | 471.2 | 459.4 | 420.9 | 500.0 | 483.4 | 472.0 | 468.8 | 435.4 | 450.0 | 467.7 | 457.2 | 450.9 |
| 21-28 days | 661.5 | 681.3 | 752.9 | 709.5 | 678.9 | 685.3 | 615.6 | 651.8 | 627.2 | 657.1 | 645.2 | 715.9 |
| 28-35 days | 739.8 | 648.7 | 567.6 | 770.4 | 680.7 | 627.8 | 822.5 | 674.5 | 651.7 | 646.7 | 617.4 | 708.4 |
| ADG (bird/g/day) |  | | | | | | | | | | | |
| 14- 21 days | 67.3 | 65.6 | 60.1 | 71.4 | 69.0 | 67.4 | 66.9 | 62.2 | 64.2 | 66.8 | 65.3 | 64.4 |
| 21-28 days | 94.5 | 97.3 | 107.5 | 101.3 | 96.9 | 97.9 | 87.9 | 93.1 | 89.6 | 93.8 | 92.1 | 102.2 |
| 28-35 days | 105.6 | 92.6 | 81.0 | 110.0 | 97.2 | 89.6 | 117.5 | 96.3 | 93.1 | 92.3 | 88.2 | 101.2 |
| Over all (14-35 days) |  | | | | | | | | | | | |
| BWG (g) | 1872.5 | 1789.4 | 1741.4 | 1979.9 | 1843.0 | 1785.1 | 1906.9 | 1761.7 | 1728.9 | 1771.5 | 1719.8 | 1875.2 |
| ADG (g) | 89.1 | 85.2 | 82.9 | 94.2 | 87.7 | 85.0 | 90.8 | 83.8 | 82.3 | 84.3 | 81.8 | 89.2 |
| Mortality % |  | | | | | | | | | | | |
|  | 0.0 | 8.3 | 8.3 | 0.0 | 8.3 | 16.6 | 0.0 | 16.6 | 8.3 | 8.3 | 0.0 | 16.6 |

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| Parameter/  Age in period | Treatments | | | | | | | | | | | |
| Feed intake (bird/g/week) | T1 | | | T2 | | | T3 | | | T4 | | |
| R1 | R2 | R3 | R1 | R2 | R3 | R1 | R2 | R3 | R1 | R2 | R3 |
| 14-21 days | 491.9 | 495.4 | 427.0 | 471.4 | 496.7 | 470.7 | 473.4 | 499.0 | 460.1 | 466.5 | 449.7 | 450.9 |
| 21-28 days | 935.2 | 862.6 | 803.6 | 808.0 | 909.8 | 843.6 | 806.7 | 848.1 | 860.7 | 827.5 | 868.0 | 863.8 |
| 28-35 days | 1114.6 | 1063.2 | 1103.2 | 1167.8 | 1147.9 | 1148.1 | 1102.0 | 1086.8 | 1112.7 | 1108.0 | 1042.1 | 1146.4 |
| ADI (bird/g/week) |  | | | | | | | | | | | |
| 14- 21 days | 70.2 | 70.7 | 61.0 | 67.3 | 70.9 | 67.2 | 67.6 | 71.2 | 65.7 | 66.6 | 64.2 | 64.4 |
| 21-28 days | 133.6 | 123.2 | 114.8 | 115.4 | 129.9 | 120.5 | 115.2 | 121.1 | 122.9 | 118.2 | 124.0 | 123.4 |
| 28-35 days | 159.2 | 151.8 | 157.6 | 166.8 | 163.9 | 164.0 | 157.4 | 155.2 | 158.9 | 158.2 | 148.8 | 163.7 |
| FCR (feed/gain) |  | | | | | | | | | | | |
| 14- 21 days | 1.043 | 1.078 | 1.014 | 0.942 | 1.027 | 0.997 | 1.009 | 1.146 | 1.022 | 0.997 | 0.983 | 1.002 |
| 21-28 days | 1.413 | 1.266 | 1.067 | 1.138 | 1.340 | 1.230 | 1.310 | 1.301 | 1.372 | 1.259 | 1.345 | 1.206 |
| 28-35 days | 1.506 | 1.638 | 1.943 | 1.515 | 1.686 | 1.828 | 1.339 | 1.611 | 1.707 | 1.713 | 1.687 | 1.618 |
| Over all (14-35 days) |  | | | | | | | | | | | |
| feed intake(g) | 2541.7 | 2421.2 | 2333.8 | 2447.2 | 2554.4 | 2462.4 | 2382.1 | 2433.9 | 2433.5 | 2402.0 | 2359.8 | 2461.1 |
| ADI (g) | 121.0 | 115.2 | 111.1 | 116.5 | 121.6 | 117.2 | 113.4 | 115.9 | 115.8 | 114.3 | 112.3 | 117.1 |
| FCR | 1.357 | 1.353 | 1.340 | 1.236 | 1.386 | 1.379 | 1.249 | 1.381 | 1.407 | 1.355 | 1.372 | 1.312 |

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| Parameter | Treatments | | | | | | | | | | | |
| Carcass traits (g) | T1 | | | T2 | | | T3 | | | T4 | | |
| R1 | R2 | R3 | R1 | R2 | R3 | R1 | R2 | R3 | R1 | R2 | R3 |
| Live | 1896 | 1889 | 1892 | 1931 | 1977 | 1906 | 1887 | 1897 | 1993 | 2044 | 1974 | 2081 |
| Carcass | 1367 | 1362 | 1336 | 1403 | 1466 | 1410 | 1359 | 1365 | 1442 | 1459 | 1477 | 1490 |
| Carcass yield % | 72.0 | 72.1 | 70.6 | 72.6 | 74.1 | 73.9 | 70.4 | 71.9 | 72.3 | 71.3 | 74.8 | 71.6 |
| Breast | 512 | 571 | 510 | 531 | 507 | 534 | 558 | 504 | 588 | 548 | 559 | 556 |
| Wing | 89 | 99 | 117 | 106 | 103 | 114 | 94 | 96 | 104 | 106 | 82 | 109 |
| Thigh | 146 | 138 | 196 | 206 | 204 | 174 | 151 | 209 | 214 | 216 | 237 | 214 |
| Drumstick | 156 | 169 | 136 | 156 | 178 | 147 | 146 | 163 | 180 | 178 | 174 | 165 |
| Head | 44 | 46 | 42 | 43 | 43 | 40 | 48 | 42 | 44 | 51 | 47 | 51 |
| Leg | 55 | 55 | 56 | 57 | 60 | 59 | 53 | 54 | 69 | 73 | 59 | 81 |
| Heart | 9 | 11 | 9 | 9 | 11 | 8 | 10 | 9 | 11 | 10 | 10 | 10 |
| Liver | 42 | 42 | 37 | 40 | 48 | 38 | 38 | 46 | 43 | 43 | 43 | 42 |
| Gizzard | 37 | 32 | 39 | 34 | 40 | 44 | 37 | 38 | 45 | 42 | 39 | 41 |

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| Parameter | Treatments | | | | | | | | | | | |
| Zinc (mg/kg Fresh wt.) | T1 | | | T2 | | | T3 | | | T4 | | |
| R1 | R2 | R3 | R1 | R2 | R3 | R1 | R2 | R3 | R1 | R2 | R3 |
| Liver zinc | 25.17 | 25.22 | 25.06 | 28.60 | 28.33 | 28.04 | 31.10 | 30.92 | 30.85 | 34.28 | 33.75 | 34.07 |
| Breast zinc | 7.45 | 7.88 | 7.62 | 8.75 | 8.50 | 8.38 | 10.40 | 9.82 | 9.93 | 13.53 | 13.32 | 13.45 |