

MERULANDS POULTRY CENTRE BROILER CONTROL CHART

| FARM | | HATCHERY | | | | STOCK DENSITY | | | | | | | | | | | | | | |
|---------|-----|-----------|----------|-----|-----|---------------|-------|--|-------|-------|-------|-------------|-------|------------------|-------|-----------------|-----|---------|-------|--|
| LOT NO. | | BREED | | | | FEEDS/COMPANY | | | | | | | | | | | | | | |
| DATE | DAY | MORTALITY | TEMP 0.C | | | RH % | FEEDS | | | WATER | | BODY WEIGHT | | WATER/FEED RATIO | | FEED CONVERSION | | REMARKS | | |
| | | | STD | MIN | MAX | STD | | | STD | CUMM | ACT | STD | ACT | STD | ACT | STD | ACT | STD | ACT | |
| | | | | | | | | | (gms) | (gms) | (gms) | (mls) | (mls) | (gms) | (gms) | | | (gms) | (gms) | |
| | 0 | | 34 | | | 30-50 | | | | | | | | 42 | | | | | | |
| | 1 | | 33 | | | | | | 10 | 10 | | 27 | | 57 | | 2.1 | | | | |
| | 2 | | 32 | | | | | | 17 | 27 | | 35 | | 73 | | 2.07 | | | | |
| | 3 | | 31 | | | | | | 20 | 47 | | 41 | | 91 | | 2.06 | | | | |
| | 4 | | 31 | | | | | | 23 | 70 | | 47 | | 111 | | 2.05 | | | | |
| | 5 | | 30 | | | | | | 27 | 97 | | 53 | | 134 | | 1.96 | | | | |
| | 6 | | 30 | | | | | | 31 | 128 | | 59 | | 160 | | 1.91 | | | | |
| | 7 | | 29 | | | 40-60 | | | 35 | 163 | | 64 | | 189 | | 1.83 | | 0.862 | | |
| | 8 | | 28 | | | | | | 39 | 202 | | 70 | | 220 | | 1.8 | | 0.918 | | |
| | 9 | | 28 | | | | | | 43 | 245 | | 76 | | 256 | | 1.76 | | 0.957 | | |
| | 10 | | 27 | | | | | | 48 | 293 | | 84 | | 294 | | 1.75 | | 0.997 | | |
| | 11 | | 27 | | | | | | 53 | 346 | | 93 | | 336 | | 1.75 | | 1.03 | | |
| | 12 | | 26 | | | | | | 58 | 404 | | 101 | | 381 | | 1.74 | | 1.06 | | |
| | 13 | | 26 | | | | | | 63 | 467 | | 110 | | 429 | | 1.75 | | 1.089 | | |
| | 14 | | 26 | | | 50-60 | | | 69 | 536 | | 121 | | 480 | | 1.75 | | 1.117 | | |
| | 15 | | 25 | | | | | | 74 | 610 | | 129 | | 535 | | 1.74 | | 1.14 | | |
| | 16 | | 25 | | | | | | 80 | 690 | | 140 | | 593 | | 1.75 | | 1.164 | | |
| | 17 | | 25 | | | | | | 86 | 776 | | 150 | | 655 | | 1.74 | | 1.185 | | |
| | 18 | | 25 | | | | | | 92 | 868 | | 161 | | 719 | | 1.75 | | 1.207 | | |
| | 19 | | 25 | | | | | | 98 | 966 | | 172 | | 786 | | 1.75 | | 1.229 | | |
| | 20 | | 24 | | | | | | 104 | 1070 | | 182 | | 856 | | 1.75 | | 1.25 | | |
| | 21 | | 24 | | | 50-60 | | | 110 | 1180 | | 192 | | 929 | | 1.75 | | 1.27 | | |
| | 22 | | 24 | | | | | | 116 | 1296 | | 203 | | 1004 | | 1.75 | | 1.291 | | |
| | 23 | | 24 | | | | | | 122 | 1418 | | 214 | | 1082 | | 1.75 | | 1.311 | | |
| | 24 | | 23 | | | | | | 128 | 1546 | | 224 | | 1162 | | 1.75 | | 1.33 | | |
| | 25 | | 23 | | | | | | 134 | 1680 | | 235 | | 1244 | | 1.75 | | 1.35 | | |

| | | | | | | | | | | | | | | | | | | | |
|--|--|----|--|----|--|-------|--|-----|------|--|-----|--|------|--|------|--|-------|--|--|
| | | 26 | | 23 | | | | 140 | 1820 | | 245 | | 1328 | | 1.75 | | 1.37 | | |
| | | 27 | | 23 | | | | 145 | 1965 | | 253 | | 1414 | | 1.75 | | 1.39 | | |
| | | 28 | | 23 | | 50-65 | | 151 | 2116 | | 265 | | 1501 | | 1.75 | | 1.41 | | |
| | | 29 | | 22 | | | | 157 | 2273 | | 274 | | 1590 | | 1.75 | | 1.43 | | |
| | | 30 | | 22 | | | | 162 | 2435 | | 284 | | 1680 | | 1.75 | | 1.449 | | |
| | | 31 | | 22 | | | | 167 | 2602 | | 292 | | 1771 | | 1.75 | | 1.469 | | |
| | | 32 | | 22 | | | | 172 | 2774 | | 301 | | 1863 | | 1.75 | | 1.489 | | |
| | | 33 | | 21 | | | | 177 | 2951 | | 310 | | 1956 | | 1.75 | | 1.509 | | |
| | | 34 | | 21 | | | | 182 | 3133 | | 319 | | 2050 | | 1.75 | | 1.528 | | |
| | | 35 | | 21 | | 50-70 | | 186 | 3319 | | 325 | | 2144 | | 1.75 | | 1.548 | | |
| | | 36 | | 21 | | | | 191 | 3510 | | 334 | | 2239 | | 1.75 | | 1.568 | | |
| | | 37 | | 21 | | | | 195 | 3705 | | 341 | | 2334 | | 1.75 | | 1.787 | | |
| | | 38 | | 21 | | | | 199 | 3904 | | 347 | | 2429 | | 1.75 | | 1.607 | | |
| | | 39 | | 20 | | | | 203 | 4107 | | 355 | | 2524 | | 1.75 | | 1.627 | | |
| | | 40 | | 20 | | | | 207 | 4314 | | 362 | | 2620 | | 1.75 | | 1.647 | | |
| | | 41 | | 20 | | | | 210 | 4524 | | 367 | | 2715 | | 1.75 | | 1.666 | | |
| | | 42 | | 20 | | 50-70 | | 214 | 4738 | | 374 | | 2809 | | 1.75 | | 1.687 | | |
| | | 43 | | 20 | | | | 217 | 4955 | | 379 | | 2904 | | 1.75 | | 1.706 | | |
| | | 44 | | 20 | | | | 220 | 5175 | | 385 | | 2997 | | 1.75 | | 1.727 | | |
| | | 45 | | 20 | | | | 223 | 5398 | | 390 | | 3091 | | 1.75 | | 1.746 | | |
| | | 46 | | 20 | | | | 226 | 5624 | | 396 | | 3184 | | 1.75 | | 1.766 | | |
| | | 47 | | 20 | | | | 228 | 5852 | | 399 | | 3276 | | 1.75 | | 1.786 | | |
| | | 48 | | 20 | | | | 230 | 6082 | | 403 | | 3367 | | 1.75 | | 1.806 | | |
| | | 49 | | 20 | | 50-70 | | 233 | 6315 | | 409 | | 3457 | | 1.75 | | 1.827 | | |

FORMULAS :

FCR = Total feed consumed / Total weight of product produced

rh%= Relative Humidity taken from thermometer

