

SUMMARY OF ALKACEL 20X WS BROILER TRIALS ON 2 COMMERCIAL FARMS

| ITEM | # BARNS | # BIRDS | DAYS TO HARVEST | MORTALITY | HARVESTED HD | TOTAL WT | AVE. LW/HD | TOTAL FEED | FCR | COST/KG WEIGHT GAIN | FEED COST/BIRD |
|-------------|---------|---------|-----------------|-----------|--------------|----------|------------|------------|--------|---------------------|----------------|
| TRADITIONAL | | | | | | | | | | | |
| UNTREATED | 4 | 18,464 | 36 | 1226 | 17,238 | 29,478 | 1.710 | 57,960 | 1.97 | 49.94 | 85.4 |
| ALKACEL | 4 | 18,608 | 36 | 987 | 17,621 | 30,061 | 1.706 | 53,250 | 1.77 | 45.56 | 78.65 |
| Diff. | | | | -239 | | | -0.004 | -4710 | -0.2 | -4.38 | -6.75 |
| % Diff | | | | -19.49 | | | -0.23 | -8.13 | -10.15 | -8.77 | -7.90 |
| COOL CELL * | | | | | | | | | | | |
| UNTREATED | 1 | 32,764 | 35 | 1217 | 31,547 | 53,000 | 1.680 | 82,750 | 1.561 | 39.033 | 65.577 |
| ALKACEL | 1 | 32,561 | 32 | 1108 | 31,453 | 51,649 | 1.642 | 73,100 | 1.415 | 36.833 | 59.103 |
| Diff. | | | | -109 | | | -0.038 | -9650 | -0.146 | -2.2 | -6.474 |
| % Diff | | | | -8.96 | | | -2.26 | -11.66 | -9.35 | -5.64 | -9.87 |

TRADITIONAL BUILDINGS, OPEN ELEVATED WOOD SLATS AND MANUAL FEEDERS AND WATERERS

COOL CELL TEMPERATURE & HUMIDITY CONTROLLED BUILDINGS, ELEVATED PLASTIC SLATS, AUTOMATED FEEDERS AND WATERERS

BOTH FARMS ON COMMERCIAL FEED AND COMMERCIAL CHICKS

*1.6KG WEIGHT CAP TARGET OF COOL CELL FARM

ALKACEL 20X WS DOSE AT 5GM/10LT DRINKING WATER CONTINUOUSLY 24/7

ALKACEL WS TREATMENT COST (1peso/bird) INCLUDED IN FEED COST COMPUTATION

ALKACEL 20X WS TREATED BIRDS SHOW MORE OR LESS SIMILAR ADGs WITH UNTREATED BIRDS BUT ON 8-11% LOWER FEED CONSUMED, LEADING TO 9-10% BETTER FCR, 5-8% LOWER FEED COST/KG WEIGHT GAIN AND 7-9% LOWER FEED COST/BIRD, WITH 8-19% LOWER MORTALITY
MANURE OF TREATED BIRDS ARE VISUALLY MORE OR LESS 1/3 SMALLER AND DRIER