

FACTORS FOR 305 DAY, 2X, M. E. MILK PRODUCTION RECORDS

Directions for converting cow lactations to 305 Day, 2X, M.E.: Multiply your actual lactation production times the lactation length factor. Then multiply that total times the Mature Equivalent factor for age and month of freshening. If you milk your cows three times a day, you must then multiply your second total times the factor found in the 3X milking table.

Example: A cow has produced 16,000 pounds of milk over a 280-day lactation period. She calved in April and was 24 months old at the time. In addition she was milked 3 times daily during the entire lactation.

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|--|---|--|---|---|---|-----------------------------------|---|-------------------------------------|
| 16,000 Actual Production Record | X | 1.04 Length of Lactation in Days Factor | X | 1.32 Age & Month at Calving Factor | X | .84 Days Milked 3X Daily | = | 18,450 lbs. 305 Day, 2X, M.E. |
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FACTORS FOR COMPUTING INCOMPLETE RECORDS TO 305-DAY BASIS BY 5-DAY INTERVALS

| <u>Days</u> | <u>Factor</u> | <u>Days</u> | <u>Factor</u> | <u>Days</u> | <u>Factor</u> | <u>Days</u> | <u>Factor</u> |
|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|
| 1-7 | 38.76 | 80 | 2.81 | 155 | 1.61 | 230 | 1.19 |
| 10 | 29.18 | 85 | 2.66 | 160 | 1.56 | 235 | 1.17 |
| 15 | 16.58 | 90 | 2.53 | 165 | 1.53 | 240 | 1.16 |
| 20 | 11.9 | 95 | 2.41 | 170 | 1.49 | 245 | 1.14 |
| 25 | 8.00 | 100 | 2.31 | 175 | 1.46 | 250 | 1.13 |
| 30 | 6.98 | 105 | 2.22 | 180 | 1.43 | 255 | 1.12 |
| 35 | 5.98 | 110 | 2.12 | 185 | 1.40 | 260 | 1.10 |
| 40 | 5.31 | 115 | 2.04 | 190 | 1.37 | 265 | 1.09 |
| 45 | 4.74 | 120 | 1.98 | 195 | 1.35 | 270 | 1.07 |
| 50 | 4.29 | 125 | 1.91 | 200 | 1.32 | 275 | 1.06 |
| 55 | 3.93 | 130 | 1.85 | 205 | 1.29 | 280 | 1.04 |
| 60 | 3.62 | 135 | 1.80 | 210 | 1.27 | 285 | 1.04 |
| 65 | 3.37 | 140 | 1.75 | 215 | 1.25 | 290 | 1.03 |
| 70 | 3.16 | 145 | 1.70 | 220 | 1.23 | 295 | 1.02 |
| 75 | 29.6 | 150 | 1.65 | 225 | 1.21 | 300 | 1.01 |