

**MENNIE BEE FARMS INC.
LOOSE CELL BEE PURCHASES**

NAME: Lot 1

DATE: 01-Oct-22

| BOX# | WEIGHT | BOX# | WEIGHT | BOX # | WEIGHT | BOX # | WEIGHT |
|------|--------|------|--------|-------|--------|-------|--------|
| 1 | | 21 | | 41 | | 61 | |
| 2 | | 22 | | 42 | | 62 | |
| 3 | | 23 | | 43 | | 63 | |
| 4 | | 24 | | 44 | | 64 | |
| 5 | | 25 | | 45 | | 65 | |
| 6 | | 26 | | 46 | | 66 | |
| 7 | | 27 | | 47 | | 67 | |
| 8 | | 28 | | 48 | | 68 | |
| 9 | | 29 | | 49 | | 69 | |
| 10 | | 30 | | 50 | | 70 | |
| 11 | | 31 | | 51 | | 71 | |
| 12 | | 32 | | 52 | | 72 | |
| 13 | | 33 | X | 53 | | 73 | |
| 14 | | 34 | | 54 | | 74 | |
| 15 | | 35 | | 55 | | 75 | |
| 16 | | 36 | | 56 | | 76 | |
| 17 | | 37 | | 57 | | 77 | |
| 18 | | 38 | | 58 | | 78 | |
| 19 | | 39 | | 59 | | 79 | |
| 20 | | 40 | | 60 | | 80 | |

Gross Weight 1415

| | | | |
|------------------------------|----------------|-------------|--|
| BOX & PALLET WEIGHTS | <u>66 + 37</u> | PRICE PAID | |
| TOTAL OF BOX + PALLET WEIGHT | <u>103</u> | CHECK TOTAL | |
| NET WEIGHT | <u>1312</u> | CHECK # | |
| AVERAGE BEES/LB | <u>4711</u> | PO # | |
| TOTAL GALLONS | <u>618</u> | | |

| SAMPLES | 1 | 2 | AVERAGE |
|----------------|-------|-------|---------|
| SAMPLE SIZE | 41.13 | 35.42 | 38.28 |
| # OF LIVE BEES | 427 | 368 | 398 |
| # OF PARASITES | 0 | 5 | |
| BEES/LB | 4709 | 4712 | 4711 |
| % PARASITES | 0 | 1.34% | |
| DEAD | 1 | 0.21% | 0.24% |
| POLLEN | 27 | 5.66% | 3.41% |
| MOLD | 8 | 1.68% | 2.44% |
| CRUSHED | 14 | 2.94% | 2.68% |
| 2ND GEN | 0 | 0.00% | 0.24% |
| TOTAL CELLS: | | 477 | 410 |

- A TOTAL NUMBER OF BOXES OF LOOSE CELL BEES
- B TOTAL COMBINED WEIGHT OF BEES + PALLET + BOXES
- C TOTAL BOX WEIGHT (33 (A) X 2) + PALLET (37) (NOTE: WE USE STANDARD CARDBORD BOXES WEIGHING 2 LBS EACH)
- D TOTAL OF PALLET AND TOTAL BOX WEIGHT (C) COMBINED
- E NET WEIGHT = GROSS WEIGHT (A) SUBSTRACT COMBINED BOX + PALLET WEIGHT (D)
- F AVERAGE BEES/LB = AVERAGE OF ALL SAMPLES (ADDITION ALL (K) COLUMNS ÷ BY HOW MANY SAMPLES CUT
- G TOTAL GALLONS = NET WEIGHT (E) TIMES BEES/LB (F) ÷ BY 10,000
- H TOTAL WEIGHT OF SAMPLE FROM RIFFLE SPLITTER
- I # OF LIVE BEES = TOTAL NUMBER OF LIVE BEES FOUND IN SAMPLE
- J # OF PARASITES = TOTAL NUMBER OF PARASITES FOUND IN SAMPLE
- K BEES/LB = 10 ÷ BY SAMPLE SIZE (H) X LIVE BEES (I) ÷ BY .022045 (IE: 10 ÷ 35.42 x 368 ÷ .022045 = 4712)
- L % OF PARASITES = # OF PARASITES (J) ÷ BY SUM OF (H) + (I) X 100 (IE: 5 ÷ 373 x 100 = 1.34%)
- M TOTAL NUMBER OF DEAD BEES FOUND IN SAMPLE
- N TOTAL NUMBER OF POLLEN CELLS FOUND IN SAMPLE
- O TOTAL NUMBER OF MOLD CELLS FOUND IN SAMPLE
- P TOTAL NUMBER OF CRUSHED CELLS FOUND IN SAMPLE
- Q TOTAL NUMBER OF 2ND GENERATION FOUND BEES IN SAMPLE
- R TOTAL NUMBER OF CELLS IN SAMPLE (SUM OF : I+J+M+N+O+P+Q)

PERCENTAGES OF COLUMNS M TO Q ARE THE APPROXIMATE PERCENTAGES OF THESE ITEMS IN THE ENTIRE LOT
 FORMULA = TOTAL NUMBER OF THE ITEM ÷ BY TOTAL CELLS x 100 (IE: 14 ÷ 410 X 100 = 3.41%)