**Table 1.** Imidacloprid residue (ppb) in sugar syrup and stored syrupin wax cells (USDA, AMS, Gastonia, NC).

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Sugar syrup (ppb)**  **(% trt, syrup/trt)** | | | **Stored syrup in wax cells (ppb)**  **(% syrup, cells/syrup)** | | | | | **% changed in wax cells** |
| **trt** | **18July** | **12Sept** | **mean** | **18July** | **18July** | **12Sept** | **12Sept** | **mean** | **mean cells/mean syrup** |
| **0 ppb** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **50 ppb** | 33  (66%) | 36  (72%) | 35  (70%) | 6  (18%) | 6 (18%) | 44 (122%) | 40 (111%) | 24  (66%) | 31% lower  24/35 |
| **100 ppb** | 69  (69%) | 66  (66%) | 67  (68%) | 31  (45%) | 21 (32%) | 33 (50%) | 92 (140%) | 44  (67%) | 33% lower  44/67 |
| **200 ppb** | 140  (70%) | 151  (75%) | 146  (73%) | 38  (27%) | 91 (65%) | 67 (44%) | 185 (123%) | 96  (65%) | 34% lower  96/146 |
|  | **8/26/12** | **10/05/12** | **mean** |  |  |  |  |  |  |
| **100,000 ppb stock** | 968000 (97) | 110000 (110) | 103400 (103) | - | - | - | **-** | **-** | **-** |