**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% lower24/35  |
| **100 ppb**  | 69 (69%) | 66 (66%) | 67 (68%) | 31 (45%) | 21 (32%) | 33 (50%) | 92 (140%) | 44 (67%) | 33% lower44/67  |
| **200 ppb**  | 140 (70%) | 151 (75%) | 146 (73%) | 38 (27%) | 91 (65%) | 67 (44%) | 185 (123%) | 96(65%) | 34% lower96/146  |
|  | **8/26/12** | **10/05/12** | **mean** |  |  |  |  |  |  |
| **100,000 ppb stock** | 968000 (97)  | 110000 (110)  | 103400 (103) | - | - | - | **-** | **-** | **-** |