

## APPENDICES

### Appendix A.



**Figure A.** Manipulating hives (nucs) to sample for eggs from queens, in the bee yard at Price's Fork.



**Figure B.** Sealing of egg (samples) and non-egg vials before setting them in the incubators for temperature treatments at 28<sup>o</sup>C, 31<sup>o</sup>C, 34<sup>o</sup>C or 36<sup>o</sup>C.



**Figure C.** Analyzing the samples of gas taken from the vials after temperature treatment for a pre-determined duration.