

1. Chris Calvert, 3946 Ciarlo Lane, Vacaville, CA 95688
 - a. Lure test kit mailed June 19, 2017 containing:
 - i. 260 grams Olive Fly B
 - ii. 260 grams Olive Fly C
 - b. Lure test kit mailed on June 30, 2017 containing:
 - i. 130 grams Olive Fly B
 - ii. 130 grams Olive Fly C
 - iii. 260 grams Olive Fly D
 - c. Lure test kit mailed on September 18 2017 containing:
 - i. 365 grams Olive Fly A

F1 = Olive Fly A
 OF3 = Olive Fly B
 OF2 = Olive Fly C
 OF4 = Olive Fly D

By grove number they are:

- 1 – Old Estate – Koroneiki (45 %); Arbosana (45%); Arbequina (10%)
- 2 – Hojiblanca (100%)
- 3 – Picual (100%)
- 4 – ‘Hood - Frantoio (80%); Ascolano, Manzanillo, & Sevillano (10%).
- 5 – Putah Creek Frantoio (100%)
- 6 – Putah Creek Frantoio (80%); Pendolino (20%)
- 7 – Offsite 1
- 8 – Offsite 2

Grove	Acres	Lures	lures/ Acre	
1	0.843	22	26.09727	
2	0.69	16	23.18841	
3	0.22	17	77.27273	
4	0.22	14	63.63636	
5	0.185	16	86.48649	
6	0.445	20	44.94382	
7	2 trees	1		
8	1 tree	1		

All groves except 5 and 6 received one application of GF120 June 2, 2017. Further application of GF120 was halted in anticipation of putting out Olive Fly baits. All olives oil were certified as extra virgin by chemical analyses and sensory panel.

Groves 1, 2 and 3 were treated with Olive Fly B, C & D on July 8, 2017. On July 8 Groves 1 through 3 had about 0.1% Fly damage. On September 22 we added Olive Fly A to Orchards 1 through 3. At that time estimated fly damage remained at 0.1 % or less, which was confirmed at harvest on November 8, 2017. Grove 1 is “Estate”, which received a Silver medal at the LA County Fair, a Silver at the California State Fair, no medal at the Yolo County Fair, and it is entered in the COOC competition and the Napa County Fair.

Groves 4, 7 and 8, which provide the olives for the ‘Hood olive oil were treated once with GF120 on June 2, 2017 and then with Olive Fly B, C & D on July 9, 2017. On July 9 Grove 4 had about 0.1 % fly damage on the Frantoio olives and maybe as high as .5% on the table olives (Ascolano, Manzanillo, & Sevillano). Grove 7 is really two very large Frantoio trees that are close by so we treat and harvest those olives for the ‘Hood. Traditionally, we have had fly problems with these two trees. When we harvested these two trees, we had less than 0.2 % fly damage, which was consistent with the estimated fly damage on July 9, 2017. Grove 8 is really one large olive tree of unknown variety with rather large oblong olives and has bad fly problems. In 2016 we treated that tree once a week with GF120 and at harvest time decided not to use those olives for oil due to extreme fly damage. In 2017 there was a solid 0.2 % fly damage on July 9 when we place Olive Fly B, C, and D. At harvest it had remained the same at 0.2 %, indicating that after lure deployment there was no additional fruit fly damage. In combining all these olives for the ‘Hood, which was harvested and milled on November 7, 2017, it appeared that we had far less than 0.1% olive fly damage. The ‘Hood olive oil produced from groves 4, 7 and 8 received a Bronze medal at the LA County Fair, a Gold at the California State Fair and was named “Best of California Extra Virgin Olive Oil by a Micro-Producer” by the State Fair, and received a Gold Medal from the Yolo County Fair. The ‘Hood is entered in the COOC competition and the Napa County Fair.

Grove 5 and 6 are Frantoio that have had fly damage in the past. However in the past I had not treated them with GF120 and did not apply any GF120 for the 2017 crop. I applied Olive Fly B, C & D on July 11, 2017 and noted no olive fly damage at that time nor was there any when we harvested on November 9, 2017. This oil is the “Putah Creek” oil and which received a Gold medal from the Yolo County Fair and a Bronze from the California State Fair. It was not entered in the LA County fair but is entered in the COOC completion and the Napa County Fair.

For the 2017 olive crop, olive fly damage was very limited and I feel would have been zero if I had deployed the lures in May. For the 2017 season, deployment of lures stopped any further development of olive fly damage that had already occurred. In the past, with GF120 applications every week, I have had fly damage but with one deployment of the olive fly lures all olive fly damage was halted as opposed to weekly applications of GF120. All oils from these olives were certified as Extra Virgin and have done well in Olive Oil competitions in California.