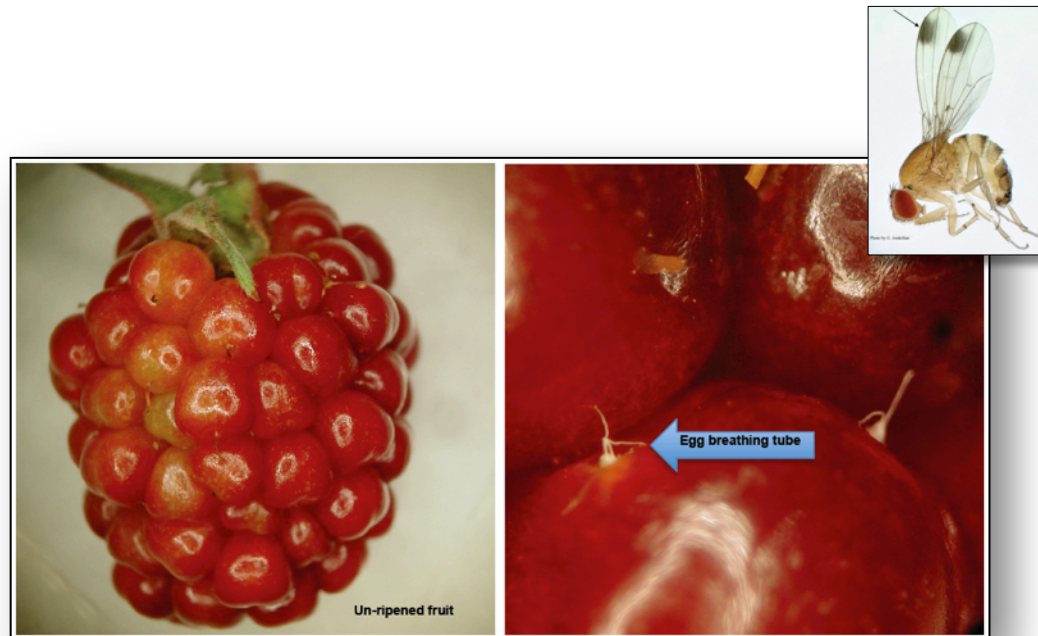


# Post Harvest Study: Control of SWD After Harvest



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## Post Harvest Study: Control of SWD In Raspberry After Harvest

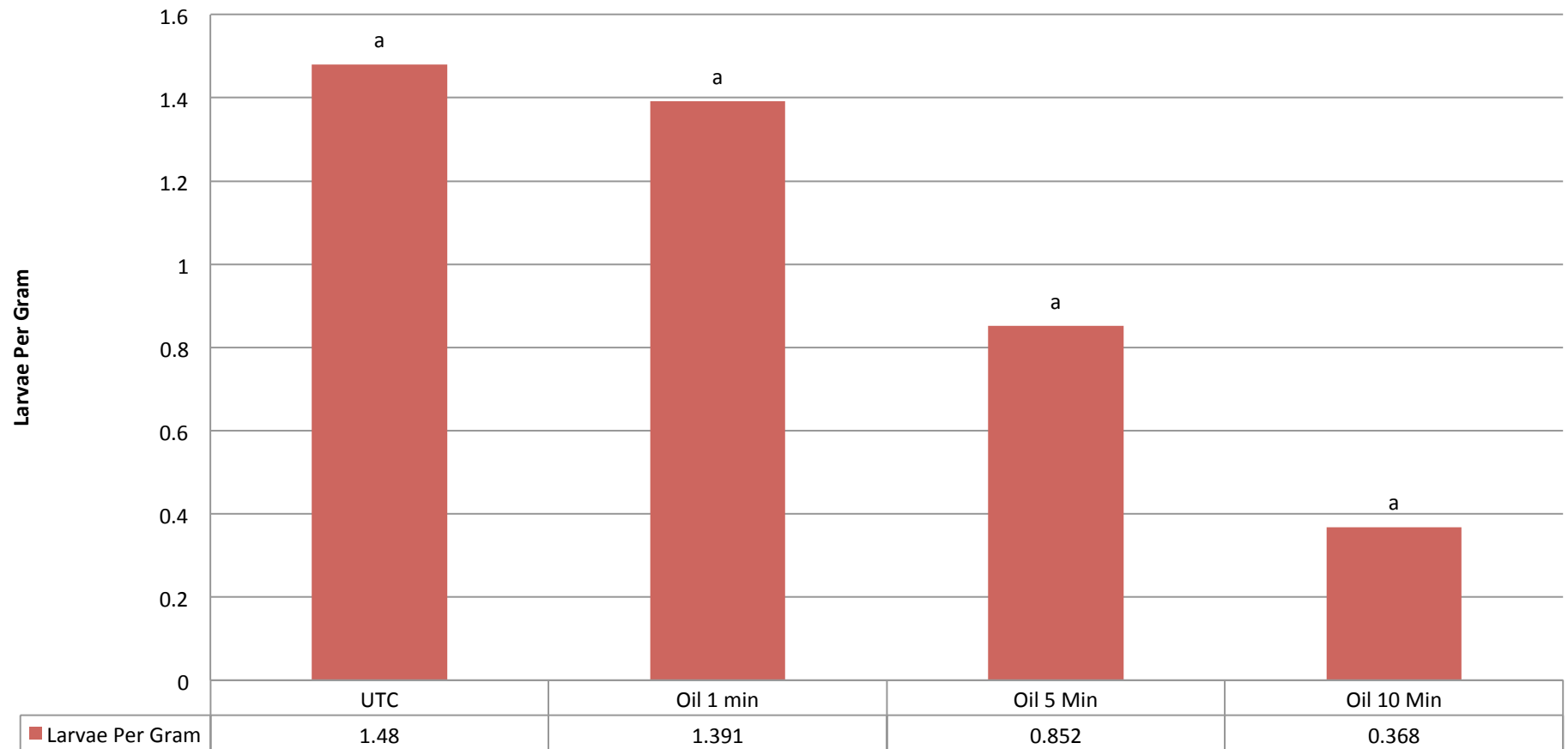
Larval survival in fruit is temperature dependent.

- Low temperature can reduce the post-harvest impact of larval survivability in raspberry
- Fruit exposed to temperatures at 34F and 38F for 72 hours showed significant impact on larval survivorship.
- Use of 1% horticultural oil showed reduced survivorship when fruit is immersed for 5 and 10 minutes with fruit held at 34F & 38F for 72 hrs. providing nearly 100% larval mortality.



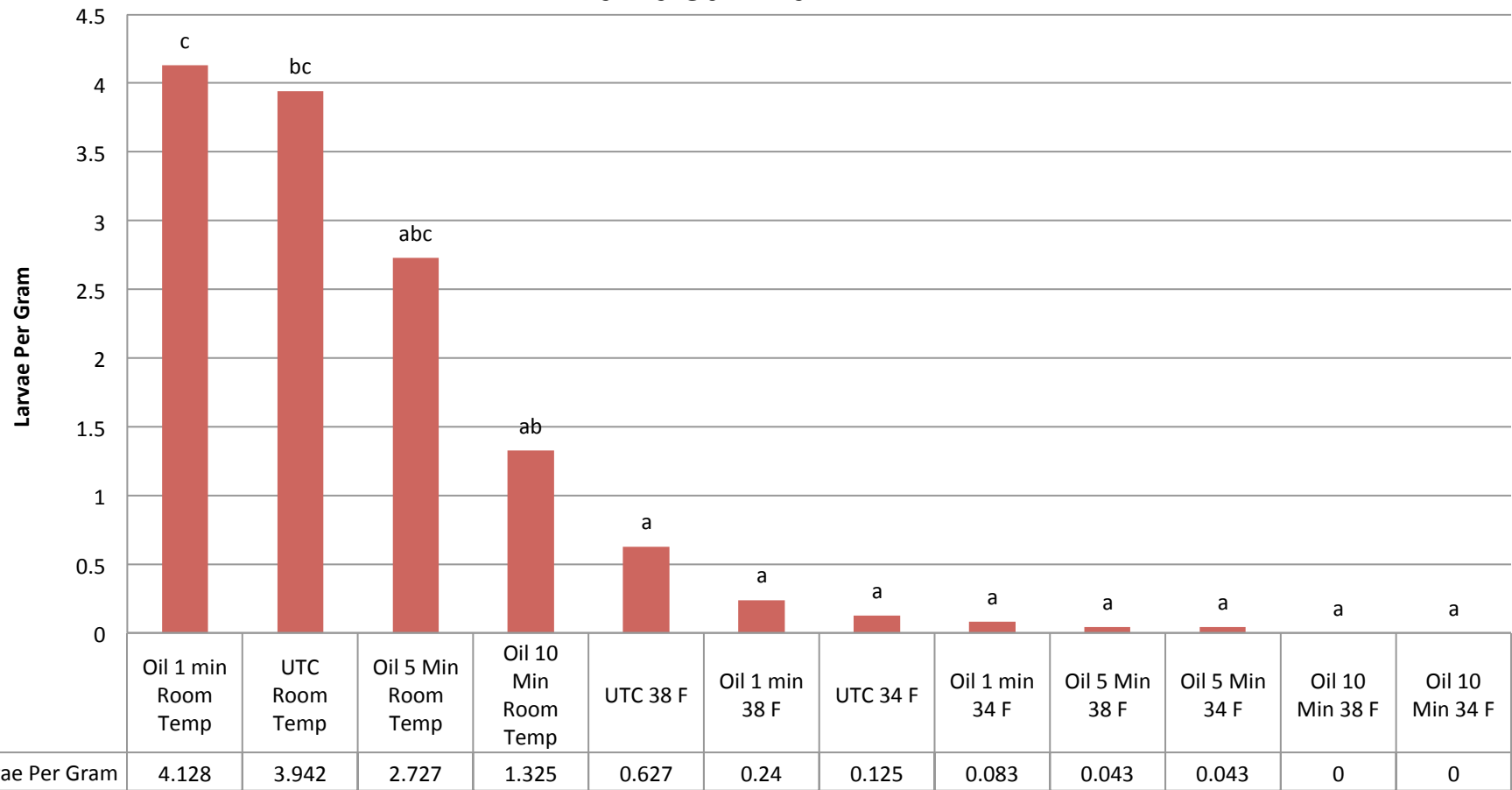
# Post Harvest Study: Control of SWD In Raspberry After Harvest

## Evaluating 1% Oil Immersion of Raspberry on SWD Larva Survival



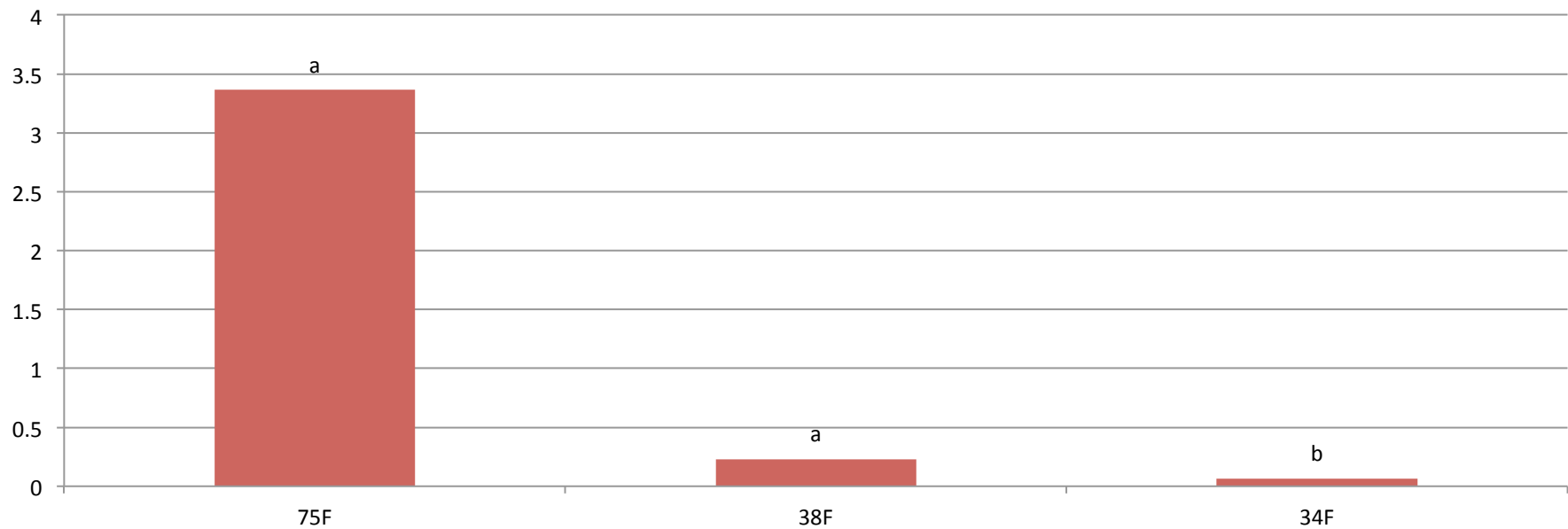
# Post Harvest Study: Control of SWD In Raspberry After Harvest

## Evaluating Low Temperature & 1% Oil Immersion of Raspberry on SWD Larva Survival



# Post Harvest Study: Control of SWD In Raspberry After Harvest

## Evaluating Low Temperature of Raspberry on SWD Larva Survival @ 72 hours



## Post Harvest Study: Control of SWD In Raspberry After Harvest

### Conclusions:

- Larval survival in fruit is temperature dependent.
- Low temperature had significant impact on larval survivability in raspberry
- Temperatures at 34F for 72 hours showed significant impact on larval survivorship.
- SWD damaged berries exposed to a immersion in 1% oil showed reduced survivorship at 5 and 10 minutes.
- A 10 min. immersion in 1% oil at 34F & 38F for 72 hrs. provided 100% larval mortality.

