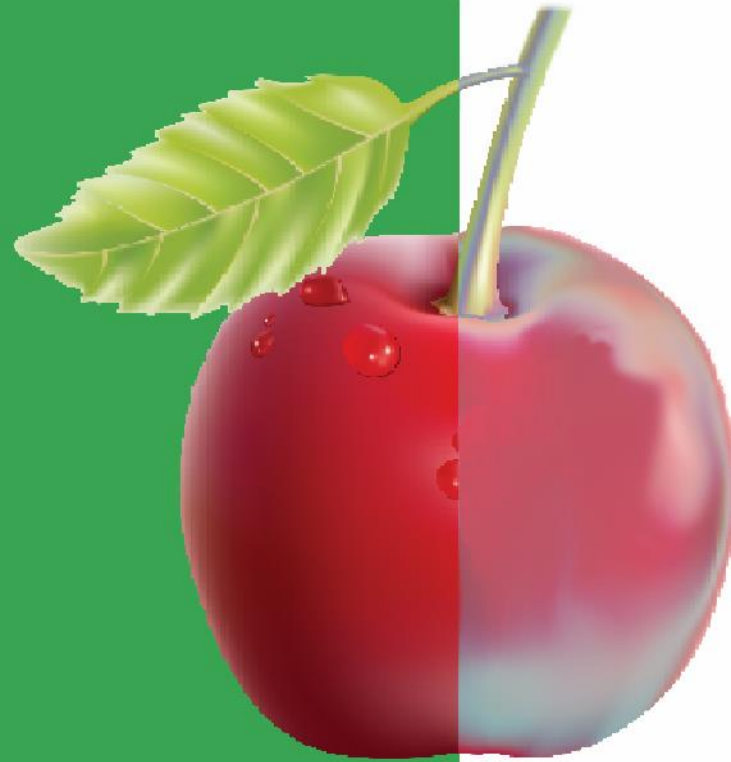


UP TO
5X
LIFE
EXTENSION



Shelf Life
Extension
Solutions

Reduce Dump rate by 30%

Test Protocol



- Approx. 500 grams Cherries
- Kept at 37 F for 28 days
- 4 Different combinations
 - KIF Non Vented Bag
 - KIF Vented Bag
 - Control
 - Normal Clamshell



Observations



- Checked weekly for
 - Overall Appearance
 - Stem Colour
 - Firmness
 - Weight Loss



Day 1



KIF Non Vented



KIF Vented



Control



Clamshell

Observation Day 10



KIF Non Vented – Wt Loss 0g, App 5, Stem 5, Firm 5



KIF Vented Wt Loss – 10 g, App 4, Stem 5, Firm 5



Control Wt Loss – 28 g, App 4, Stem 5, Firm 5



Clamshell Wt Loss – 18 g, App 4, Stem 5, Firm 5

Observation Day 21



KIF Non Vented – Wt Loss -2 g, App 4, Stem 4, Firm 4



KIF Vented Wt Loss – 24 g, App 3, Stem 4, Firm 4

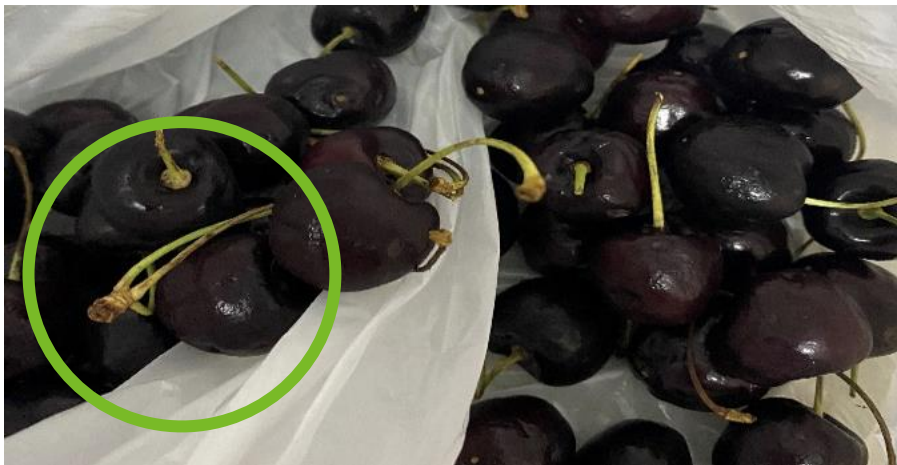


Control Wt Loss – 58 g, App 3, Stem 3, Firm 4

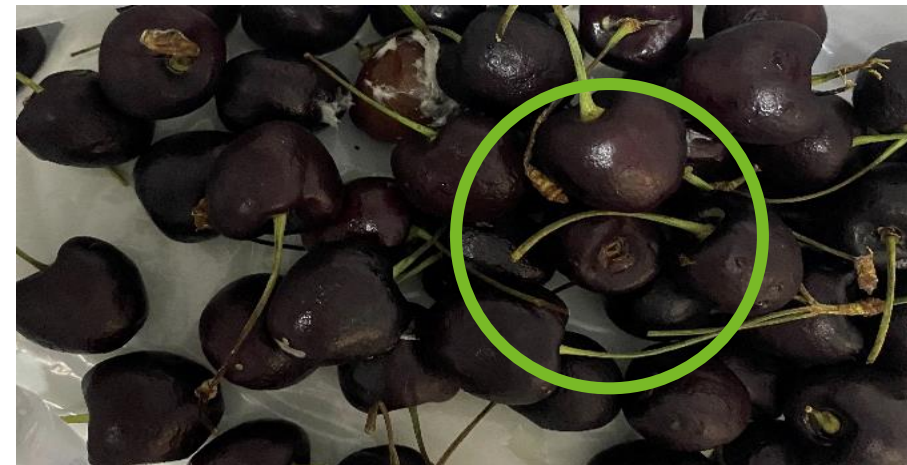


Clamshell Weight Loss – 40 g

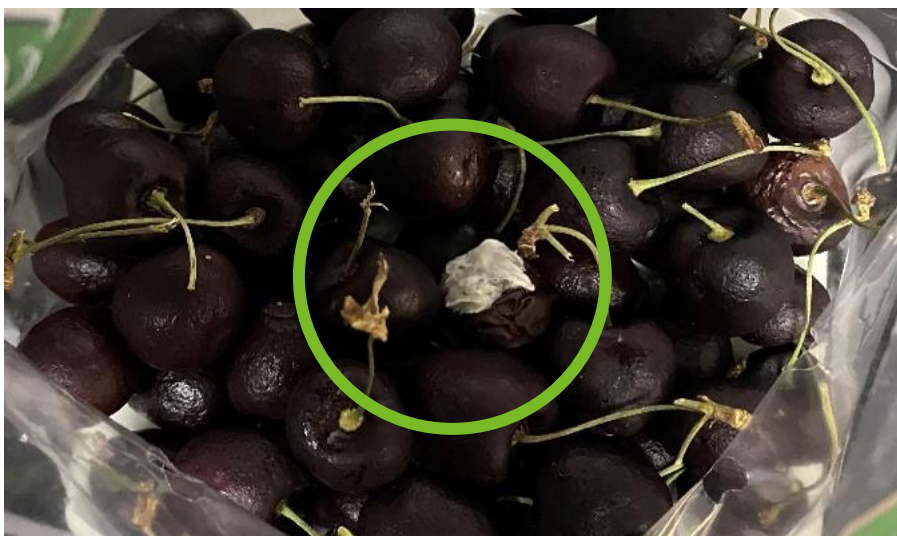
Observation 28 days



KIF Non Vented Wt Loss -2 g, App 4, Stem 4, Firm 4



KIF Vented Wt Loss – 30 g, App 3, Stem 4, Firm 4



Control Weight Loss – 78 g, App 3, Stem 3, Firm 3



Clamshell Weight Loss – 54 g, App 3, Stem 3, Firm 4

Observations

[illegible]

Weight Loss



Refrigerator - Cold Storage - 37 Degrees

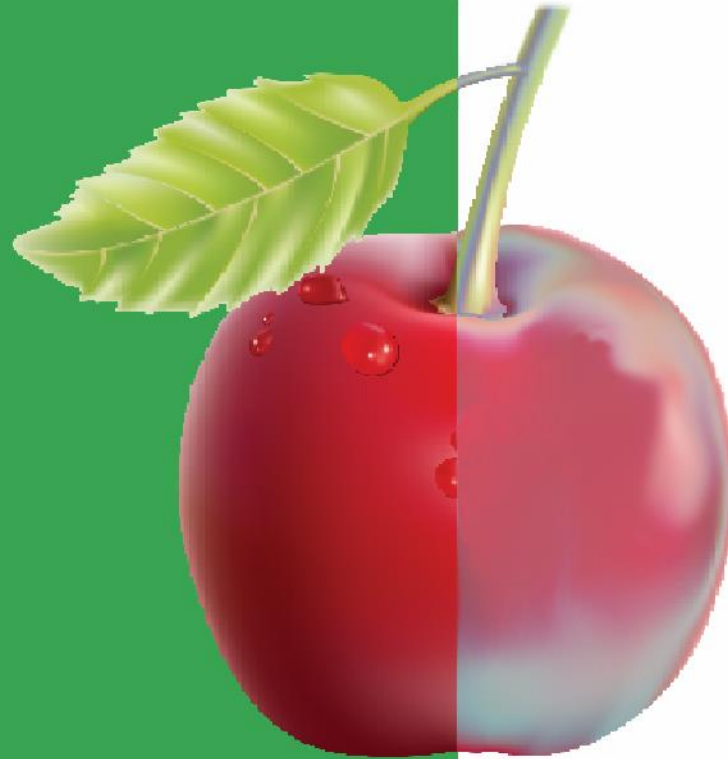
#1 KIF (Non-Vented)	Weight (grams)	#2 KIF (Vented)	Weight (grams)	#3 Control	Weight (grams)	#4 Clamshell	Weight (grams)
2-Jul	462	2-Jul	476	2-Jul	460	2-Jul	470
12-Jul	462	12-Jul	466	12-Jul	432	12-Jul	452
16-Jul	460	16-Jul	460	16-Jul	422	16-Jul	448
23-Jul	460	23-Jul	452	23-Jul	402	23-Jul	430
30-Jul	460	30-Jul	446	30-Jul	382	30-Jul	416
Total Weight Loss:	-2	Total Weight Loss:	-30	Total Weight Loss:	-78	Total Weight Loss:	-54
Weight Loss %	-0.43%		-6.30%		-16.96%		-11.49%

Results & Recommendation



- KIF Non-Vented Liners better than other trialled options
- Weight loss is negligible at 0.43% compared to 17% in normal liners and 12% in clamshells
- Stem Colour Remains green in KIF bags due to controlled ripening compared to other trialled products
- Fruit remains firm and fresh due to ethylene absorption of the Ethylene Absorbing masterbatch in the KIF Bag.
- There is no mold development in KIF liners due to the moisture regulation properties
- Overall Appearance remains best in KIF Non-Vented Liners for refrigerated storage and transportation of cherries.

UP TO
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Shelf Life
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Solutions

Thank You

Reducing Wastage
Improving Profits