Ethylene in Fruits & Vegetables





What is Ethylene?

Ethylene is a gas released by some fruits and vegetables that causes produce to ripen faster. Some fruits and vegetables are more sensitive to ethylene than others and can spoil more quickly if stored or displayed incorrectly. To prevent waste and save you money, don't put fruits and vegetables that are **sensitive to ethylene** near ones that **produce** it.

Ethylene Sensitive

Asparagus Kiwi **Apple** Lemons **Avocados** Lettuce Bananas Limes Broccoli Mangos Cantaloupe Onions Collard Peaches Greens **Pears** Cucumber **Peppers** Eggplant Squash Grapes **Sweet Potato**

Watermelon

Ethylene Producers

Apples
Avocados
Bananas
Cantaloupe
Kiwi
Peaches
Pears
Peppers
Tomatoes







Honeydew

PRODUCE DISPLAYS

Attractive Displays to Increase Sales

- Items that do not last long should be displayed just above eye level (middle shelf of display)
- Items that last longer (onions, potatoes) should be displayed closer to the bottom (bottom shelf of a display)
- Use baskets to organize and protect produce. Tip: to make a basket look fuller, make a false bottom using leftover cardboard, packing paper, wood, etc.
- Place produce closer to the front of the market and near the register to sell faster
- Label all items and clearly show prices
- Keep produce organized and well stocked
- Attract customers' attention by using vibrant color patterns









TIPS OF THE TRADE: **PRODUCE**



Make it Visible

✓ Bring produce to the market entrance or make it first thing you see.

Color Coordinate

 \checkmark Put colors next to each other that pop (e.g. red peppers next to fall squash).

Buy Less/Smaller Inventory/Dummy Up

✓ Better to put out 5 beautiful avocados than 20 rotten ones (use a false bottom on a basket to give the appearance of abundance).

Buy Seasonal

- ✓ Lower cost, higher margins, promotional pricing.
- Peaches, strawberries and other fruits can be very profitable; more affordable in summer.

Keep Consistent Products; Build with Season

- ✓ Maintain core products; add summer/fall/holiday products.
- ✓ Make sure customers know what items you sually stock.

Keep it Beautiful

- √ Create beauty; entice customer.
- ✓ Keep turning produce throughout day to avoid spoilage.

Shave/Cut/Crisp/Retain Moisture

- ✓ Soak greens like romaine lettuce or kale in lukewarm water.
- ✓ Block light, cover overnight with tarp.
- ✓ Store perishables in cooler overnight (e.g. tomatoes, grapes).

Keep Fruit Flies Away

√ Keep market and drains clean so flies can't breed.

Know Your Selling Strategies

- ✓ Sell lower than competitor when you can.
- √"Forwarding" when time to sell; reduce price to break even.
- ✓ Put on sale before product turns. Better some money, than no money.

Cut/Sell Produce in Half, Sample New Products

 \checkmark Fresh, cut fruit for sampling (ask for samples from vendors).

Secondary Use

- ✓ Avocados make guacamole, fruit makes smoothies, and turned vegetables make soup.
- \checkmark Cut fruit up before it's too late (if labor and permits allow).