



increase the shelf life of Fruits and Veggies
By
“ Ethylene Absorber Sachet ”

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Ethylene Absorber Sachet

Fresh fruits, vegetables and flowers release ethylene gas into the air after they are harvested. This gas (also known as the "death or ripening hormone") decreases the shelf life of fruits, summer crops and flowers from the time they are harvested until they are offered for sale in the market.

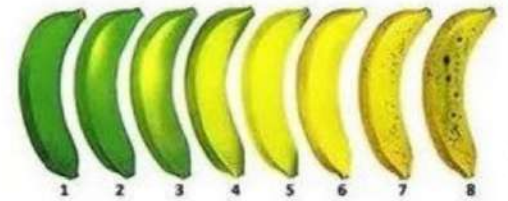
Shrinking, shriveling, molding, rotting, developing brown spots, softening, emitting unpleasant odor, sprouting, changing in color, tasting bitter (for example, carrots), and deteriorating citrus peels are some of the effects of ethylene gas. The suitable solution for controlling the rotting process is to use **Ethylene Absorber Sachet**.



Ethylene gas (C_2H_4), which is also called ethylene, is an odorless and colorless gas produced through both natural and human activity.

In addition to its uses in various industries, ethylene is produced by fruits and vegetables and is called the "death or ripening hormone").

It has a regulating role in many plant processes, growth and finally death. All fruits and vegetables produce ethylene in small or large amounts and exhibit different levels of sensitivity to it.



Ethylene

Ethylene Absorber Sachet, a product known worldwide as an ethylene absorber for keeping fruits, summer crops and flowers fresh, is designed for use in packages containing agricultural products.

Ethylene and the microbes in the air in the packages are converted into carbon dioxide and water in the nanometer-scale channels of **Ethylene Absorber Sachet**.

Consequently, the microbe-free, purified air is returned to the environment.



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Benefits of Ethylene Absorber Sachet

- Keeps the produce fresh
- Reduces losses, spoilage and weight reduction
- Prevents rotting and decreases unpleasant odor
- Prevents change in color, shriveling and softening
- Increases shelf life and maintains the quality of the produce



Characteristics of Ethylene Absorber Sachet

- Easy application
- Disposable as ordinary waste
- Usable in various types of transportation
- Air purification with no negative effects on the produce
- Eco-friendly, made from natural mineral materials



Applications

- Boxes containing fresh fruits and summer crops
- Sacks containing fresh fruits and summer crops
- Flower boxes
- Containers and bags for seeds and grains



Used for

- Fresh fruits and summer crops
- Cutten flowers
- Seeds and grains (kernels)



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Product Details

Classification	Chemical Auxiliary Agent	CAS No.	7722-64-7
Product Name	Ethylene absorbent	MF (Active Ingredient)	KMnO4
Other Names	Ethylene absorber	Purity	96%
EINECS No.	-	Type	Adsorbent
Place of Origin	Iran / UAE	Preference temperature	Below 35°C
Brand Name	AzarSai	Shelf Life	1 year
Package	Paper/PE	OEM	-
Usage	Keep Fruit, vegetables and flower longer	Certification	I.R.I.FDO for packaging
Application	- Fruit corrugated boxes (export standard) - Vegetables corrugated boxes - Fruits and vegetable crates - Fruits and vegetables bags - Flower boxes and bag packings.	Appearance (Shape)	purple or pink ball
Free sample	Available	HS code	382499

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