



PRODUCT NAME –KEEP IT FRESH SACHET

TECHNICAL DATASHEET

PRODUCT CODE – KIF Sachet + VBI

PRODUCT DESCRIPTION

Fresh Vegetables, Fruits & Flowers start to ripen after harvesting and during the ripening process release ethylene gas and water vapour. This ethylene gas when in the package increases the ripening rate of the fresh produce hence aggravating the ripening process resulting into faster rotting of the fresh produce.

The ethylene gas and water vapour produced work as catalyst to the ripening process which in turn causes faster spoilage and microbial damage.

KIF sachets are the most effective way to inhibit weight loss, quality and shelf life is to use KIF Shelf Life Extension Series Systems. Sachets are filled with a special composition mixture of zeolite powder and potassium permanganate that causes ethylene & moisture absorption and simultaneously causing volatile bacterial inhibition (VBI). Ethylene causes shattering, deterioration and ripening on the other hand excess moisture is likely to speed up decay and the development of mould and fungus either during the storage/transportation period or after removal from the packaging.

Keep It fresh Sachets can be easily placed with fresh fruits, vegetables and flowers. The sachets work in a multiple ways to protect and extend shelf life of fresh produce.

Keep it fresh sachets contain ethylene absorbers in a breathable tyvek & Dupont membrane. These can be easily placed with the fresh produce and absorb the ethylene gas which gets entrapped within these pouches. The absorption of the gas reduces the ripening speed and hence increasing the shelf life of fresh produce.

KIF Sachets are available in different gram sizes from 2, 5 and 10, gram according to customer & volumetric requirements.

FEATURES

- Removes ethylene, mould and fungal growth, decay, discoloration, uneven ripening, wilting, softening, scald, loss of crunch, tenderness, weight loss and other effects caused by ethylene gas
- Use during postharvest handling of produce (fresh fruits, vegetables and flowers)
- Slows down the ripening process
- Use during storage or domestic and international shipments like via air, sea, reefer vans, train trucks, moving coolers, kitchen refrigeration units and cold storage's
- Nature friendly, made up of natural minerals, chemically inert and non-toxic
- Can be decomposed of as normal waste

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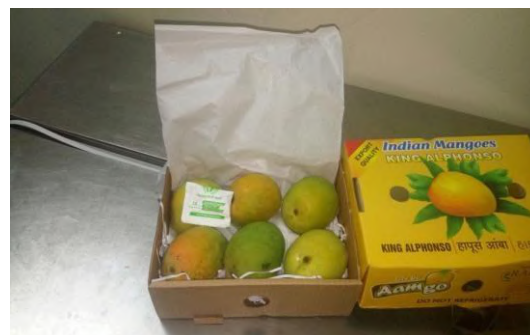
USAGE

Simply place the recommended number of sachets in the fruit and vegetable conventional corrugated boxes or export packing. KIF sachet/pouch absorbs ethylene gas from the pack and create a bacteria free environment to extend the shelf life of packed fresh fruit and vegetables. Doses would depend upon the kind of fresh produce and the quantity of ethylene produced.

APPLICATIONS

- Fruit corrugated boxes (export standard)
- Vegetables corrugated boxes (export standard)
- Fruits and vegetable crates
- Fruits and vegetables bags
- Flower boxes and bag packings.

Protection of Fresh fruits, vegetables and flowers from ethylene effect. Increases the shelf life of produce. Works on 3 way action system ethylene, moisture absorption and volatile bacterial inhibition (VBI).



KIF Sachet in mango export box



KIF Sachet in banana export box



KIF Sachets in apple export box



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TECHNICAL PROPERTIES

Physical Properties	Value
Weight of KIF Composition	5 gm
Weight of breathable membrane	½-1 gm

PACKAGING AND STORAGE

Store in a cool dry place in the initial packing form delivered by company and always keep carton box closed and sachets wrapped in film when not in use.

DISPOSAL

Recommendation: Do not allow product to reach sewage system.
Disposal of product or waste must comply with official local regulations.
Packaging that cannot be recycled must be disposed in the same manner as the product.
KIF sachets undergoes natural decomposition.

APPLICATIONS PICTURE

KIF Sachets in Grape export boxes



KIF Sachets in mango export boxes

SAFETY INFORMATION

- Keep Out Of Reach Of Children
- Keep Container Tightly Closed
- Not For Internal Consumption
- Consult Material Safety Data Sheet For More Information
- Safe to be used with edibles
- FDA certified

DECLARATION

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