



Patented Hermetic Storage CocoonsTM



-Long-term (multi-month) storage/quality preservation of commodities

-Preservation of seed viability

-Safe storage of staple grains without pesticides



Hermetic Storage Systems

- Allow staple grains and commodities to be stored without the use of pesticides or fumigants
- Preserve quality and flavor---Protect againstOchratoxin-A
- Endorsed by the Coffee Institute Honduras and the International Rice Research Institute







Hermetic Storage Systems

Coffee Storage Benefits

- Preservation of flavor for parchment or green coffee
- Prevents development of Microflora
- Maintains moisture content (no gain or loss)
- Can be used in conjunction with futures and options instruments

Cocoa Storage Benefits

- Eliminates insect infestation (low oxygen levels, 2%, and high CO2 level, 60 %)
- Maintains moisture content
- Reduction in oxidation (Free Fatty Acids)
- Can be used in conjunction with futures and options instruments

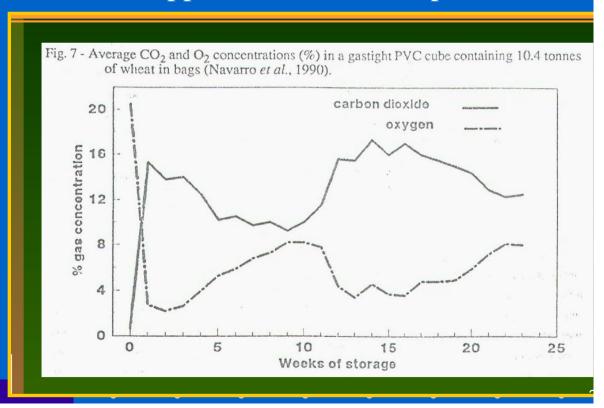


Hermetic Storage Systems

Staple Grains

Living organisms in the grain cause O2 depletion and increase of CO2. If the storage facility is gas-tight, the resulting gas environment kills living insects and suppresses new development.

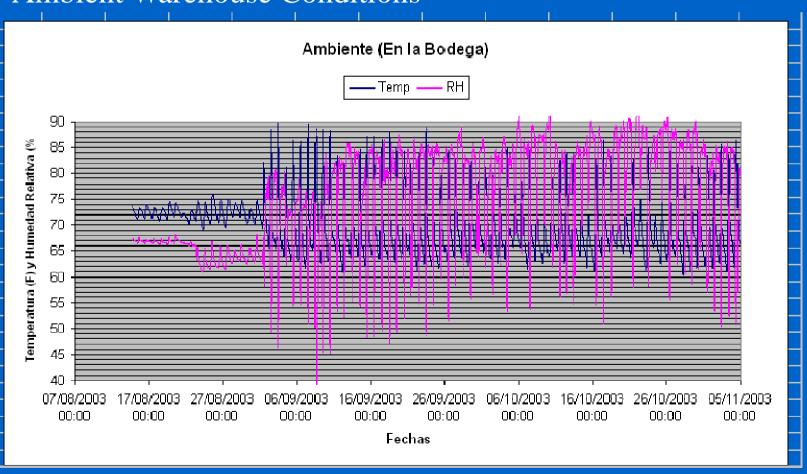
The moisture barrier prevents formation of mycotoxin or aflatoxin





Hermetic Storage (Coffee & Cocoa)

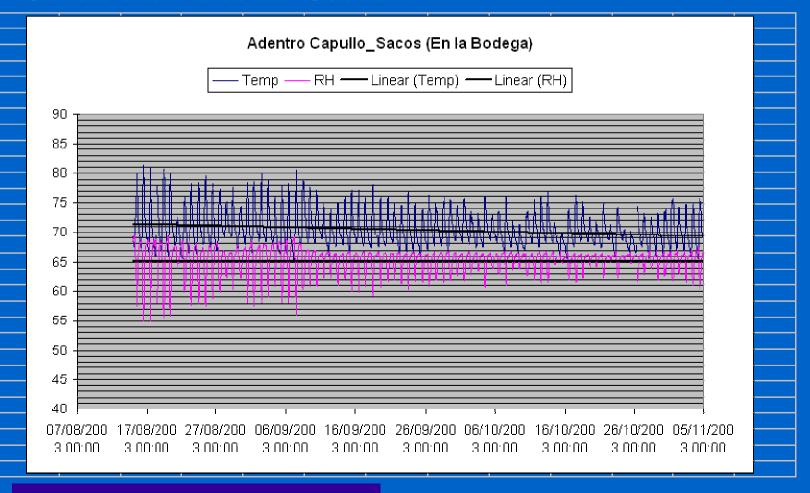
Ambient Warehouse Conditions





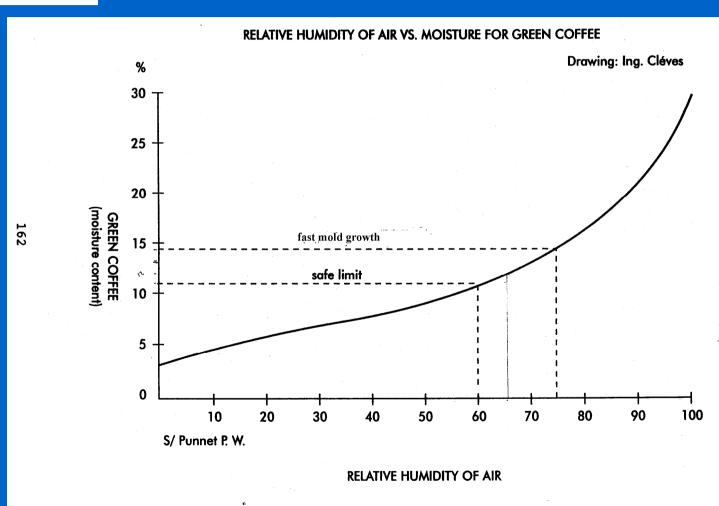
Hermetic Storage (Coffee & Cocoa)

Conditions Inside the CocoonTM





Hermetic Storage (Coffee & Cocoa)





Hermetic SuperGrainbagsTM



Hermetic Liners

50 x more hermetic than regular plastic bags

Permit hermetic storage during transportation

Patent Applied For





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For More Information:

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