



Dry Chain Concept



1/3 of the food produced worldwide is wasted

The major cause of postharvest food loss in humid regions is the inability to adequately dry and store commodities and seeds.

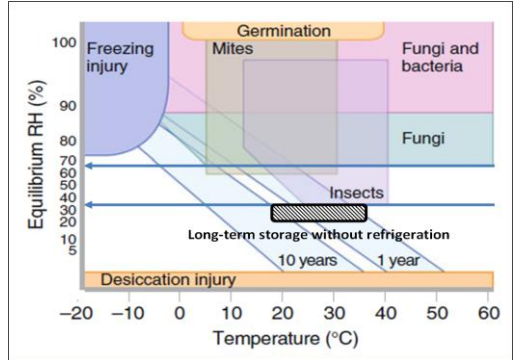
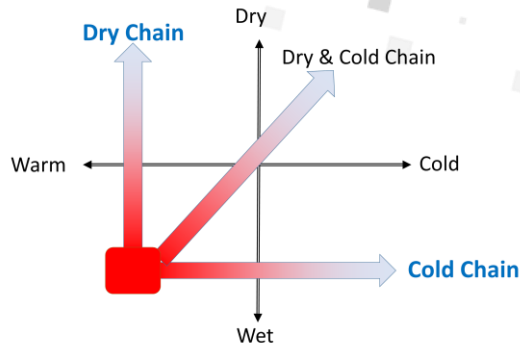
- High humidity is the core problem in tropical regions.
- High humidity speeds deterioration and enables growth of fungi and insects.
- Air-drying is unable to sufficiently dry commodities in humid regions.



A large and increasing fraction of the world's population lives in areas where high humidity creates problems for seed and commodity storage.

The Dry Chain® concept brings the answer for an optimal and affordable storage of these dry products.

Simple – Easy – Affordable - Safe



Fresh produce must remain hydrated
Cooling is required to extend life and prevent spoilage

Dry products must be dried to safe moisture levels
Storing cold after drying is optimal, but is not essential for medium-term storage

Roberts EH (1972) *Viability of Seeds*. Chapman and Hall Ltd., Syracuse, NY, pp 14-58.

Use sun drying where appropriate and benefit from the right dry periods if possible.



Use additional drying if necessary to bring the moisture below the desired MC (<35% eRH for preventing insects)



Make sure to pack the product moist proof such as bags with liner, plastic containers, tin cans...



Keep the commodities perfectly sealed during transport and/or storage.



Do not insufficiently dry your commodities, or store moist products even for a short period.



Do not pack dried commodities in non waterproof packaging, such as woven plastic, jute bags...



Do not open packaged seeds for a certain period as they will re-absorb moisture very fast.



Do not give insects and fungi a chance to develop, keep your product dry and save

For further questions, please do not hesitate to contact us

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