



Welcome to our Presentation

**About
Drying Beads & Relative
Products**



Drying Beads

- Modified Ceramic materials(aluminum silicates or Zeolites) that specifically absorb and hold water molecules very tightly in their microscopic pores.
- Absorb water 20 to 25%
- Remove water from air





Benefit

- Best desiccant available and greatly expands all drying application.
- Higher performance and much longer lifetime than other desiccants.
- Maximizes seed viability and shelf life.
- No losses of capacity after reactivation.
- Non-toxic, food grade





- Dry store can be widely utilized for seed drying, seed storage, anti-moisture, anti-insect.
Show RH & Temperature.
DryStore Box size are available 1.6L or 8.4L or 16L.



Smart & Simple Seed Storage System

RH%	Agro.	Veg.
100	Risk	Risk
90		
80		
70	Medium Term	Medium Term
60		
50	Long Term	Long Term
40		
30	Ultra Dry	Ultra Dry
20		
10		
0		





DrumDRY 50L, 100L and 200L are available





The dry-chain concept

The equivalent of cold chain, but then focused on grain, seeds and other dry products.



Use sun drying were 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



Drying Beads being used in the Grain seed & Vegetable Seed.





- Drying beads Regenerate by Gas oven or Electric Oven 250 to 300c after heating for 3 hours





Storage drum used for hot drying beads to cool.



Beads Cool Drum 50L, 100L and 200L

At Present Drying Beads Using

- ▶ Metal Seed Limited
- ▶ Lal Teer Seed Limited
- ▶ Bangladesh Agricultural Development Corporation (BADC)
- ▶ Bangladesh Agricultural Research Institute (BARI)
- ▶ Bangladesh Rice Research Institute (BRRI)

The Dry Chain Concept





Thank you