



Drying Beads[®]

RR Consumables





Temperature, RH and SMC during drying of a rice sample (48 Hours)



Difference in germination after 2 month storage of a sun-dried and a bead-dried chili sample



For a mobile, fast, high quality and cost effective drying system

Drying seeds has always been one of the most difficult processes to master. This drying does have an enormous impact on seed quality and longevity.

Drying Beads® are patented super absorbers and are specifically designed for drying seeds.

They can be used directly (FlexiDry® principle) or indirectly (QualiDry® principle).

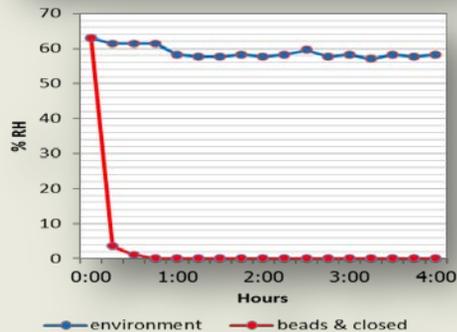
They are able to reduce the RH of the surrounding air to 0% RH and this in a matter of seconds.

They can easily be regenerated by heating to a temperature above 200°C and are perfectly reusable.

On the other hand drying can also generate a significant impact on the total cost price of the produced seeds.

This FlexiDry® system – with the drying beads as the core – combines quality with speed and mobility with efficiency and is therefore unique in its kind.





The FlexiDry® technology is patented and can be used for the following purposes:

It can be used as a fast and a mobile way of drying seeds; pre-drying (or even full drying) immediate after harvest, even before the reception of the seeds in the warehouse.

It can be used for after-drying during seed storage (in bulk, bags, bins, containers, silo's...)

It can be used for drying multiple samples and this without any risk for contamination or even disease transfer.

It can be used as a long term storage system for seeds and samples; the desired humidity can be set or ultra dry systems can be generated.

It can be used as a pre-drying system prior to other seed processes such as priming, coating, seed enhancements...

It can be used as a reserve drying system that can be combined with classical drying systems in order to resolve calamities, dryer breakdown, inundation...

It can be used within certain processes and incorporated in pelleting systems through rotary coating equipment

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