

Case History

PREVENTING MOISTURE DAMAGE IN SHIPMENTS OF COCOA BEANS



CONTAINER DRI® II CARGO DESICCANT DELIVERS CLEAR VALUE FOR A GLOBAL PROCESSOR OF COCOA BEANS AND MANUFACTURER OF HIGH-QUALITY CHOCOLATE

Challenge: Wet Damage

Intermodal shipments of cocoa beans can be subject to “container rain.” Day-to-night temperature fluctuations, en-route delays, high water content in the beans, or containers with wood floors may trap ambient moisture inside the shipping container. This leads to condensation, causing a raining effect — container rain — that damages the cocoa beans.

Solution: Container Dri® II

To protect the cocoa beans from wet damage, a global processor of cocoa beans and manufacturer of high-quality chocolate used Container Dri® II cargo desiccant blankets to protect 50 percent of bagged cocoa volume shipped out of the Ivory Coast to two destinations in Europe during the 2017-2018 season. The other 50 percent of bagged cocoa were protected with other drying agents.



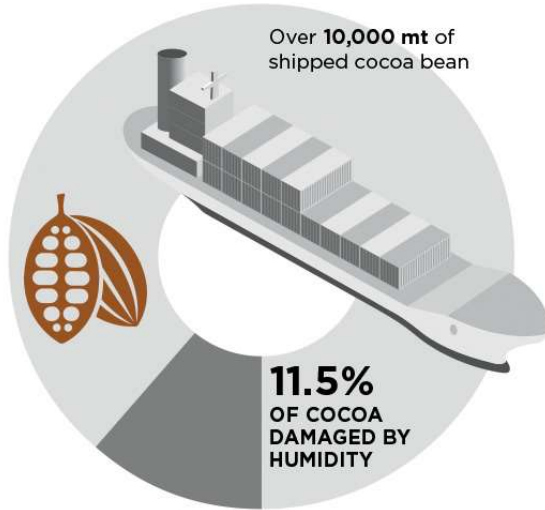
ECOTAIN®



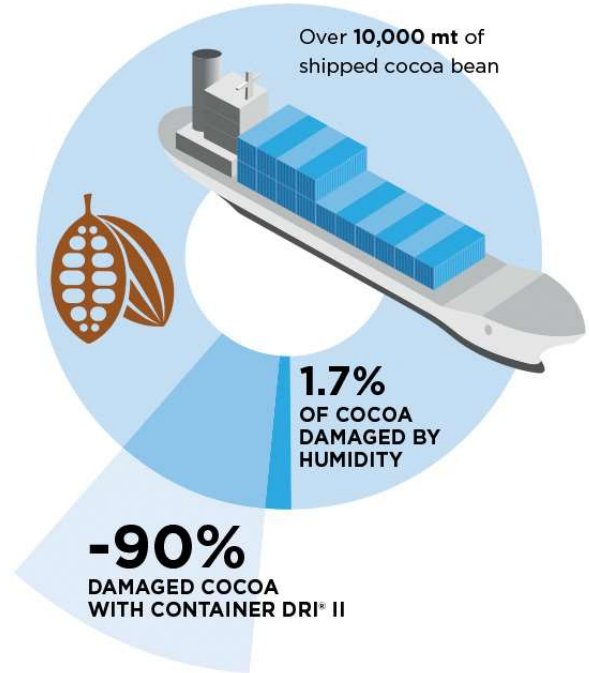
Container Dri® II cargo desiccant blanket carries the Clariant EcoTain® distinction in sustainability

Results: Container Dri® II Delivers Clear Value

PROTECTED WITH OTHER DRYING AGENTS



PROTECTED WITH CONTAINER DRI® II



Benefits:



Meets FCC Guideline Recommendation for Shipments of Cocoa Beans in Containers



CLARIANT ECOTAIN®
Distinction in Sustainability



Safe and easy to handle



Dimethyl Fumarate (DMFu) Free – Non-Toxic
No SVHC (Substances of very high concern)



Safe for direct use with food products



Best performance in the market



Dispose with normal industrial waste



Cost-effective; more absorption with less desiccant



Recommended by The World Food Programme (WFP) and The U.S. Agency for International Development (USAID) in Container Loading Specification

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