



Advancing
Grain Storage
Management

Understanding EMC Is Key When It Comes to Profitability in Your Grain

August 2016

To ideally manage grain moisture, it is essential to understand the principle of Equilibrium Moisture Content (EMC). EMC is the resulting moisture content of grain and the air surrounding the grain, after they have balanced each other out over a period of time. EMC plays an integral role in grain storage management and optimization, when it comes to drying, cooling and conditioning and achieving maximized market value.



OPI moisture cables are the top technology of their kind available to growers to effectively monitor moisture inside the bin. The technology delivers precise, real-time information on the state of your grain, allowing you to measure temperature, aeration and moisture curves. Data from OPI moisture cables is then matched against OPI moisture curves that have been established through years of laboratory analysis across crops and crop variety for maximum accuracy. The resulting readings of the grain moisture inside your bin is typically between 0.5% to 1% of your elevator ratings – allowing you to manage your grain moisture to optimize returns.



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EMC is the resulting moisture content of grain and the air surrounding the grain, after they have balanced each other out over a period of time. EMC curves are derived from ASABE standards and only OPI customers have access to higher accuracy curves developed specifically for OPI moisture cables and OPI systems.

Optimizing EMC with OPI Moisture Cables

Optimizing your return on your stored grain assets is easy with OPI moisture cable technology. You simply select the grain type and the system will connect to the EMC curve that is optimal for your grain. The sensors in OPI moisture cables are then properly calibrated to give you precise moisture readings, ensuring that you avoid losses to damp or tough grade or over drying your grain and leaving money on the table.

OPI is proud and committed to supporting the advancement of grain production on your farming operation. Should you have any further questions regarding OPI moisture cable technology or grain storage management, we would be happy to assist you. Please contact us at 1-800-661-1055.

OPI is proud of the contribution we've made to the agricultural industry in Canada and around the world in our 30 year history. Our on-going commitment to advancing grain storage management has yielded numerous innovations to help farmers and agribusiness protect and optimize the value of their stored grain assets. We are the recognized world leading supplier of grain storage management solutions. In 2014 OPI launched OPI Blue - putting 30 years of grain monitoring expertise in the palm of your hand.