

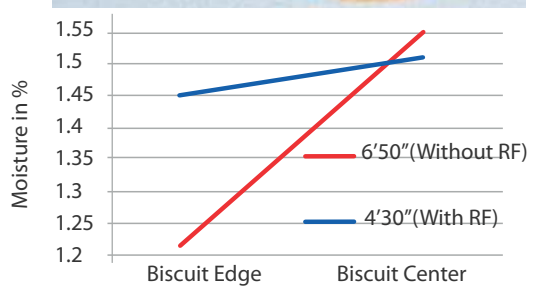
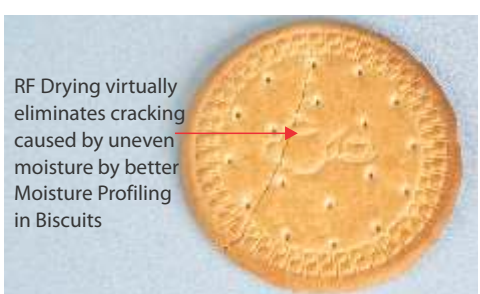
RADIO FREQUENCY EQUIPMENTS

- ENRICHMENT OF FOOD QUALITY
- INCREASE SHELF LIFE
- EQUILIBRATE MOISTURE
- CHEMICAL FREE DISINFESTATION
- DRYING

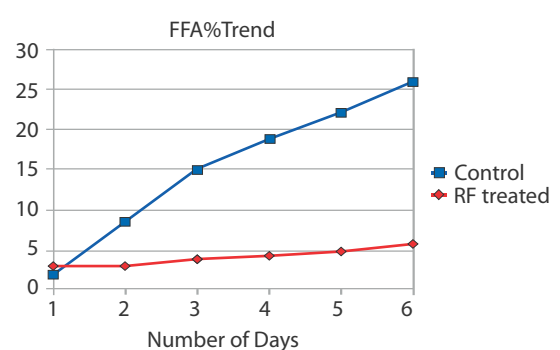




■ ENRICHMENT OF FOOD QUALITY ■ INCREASE SHELF LIFE ■ EQUILIBRATE MOISTURE
 ■ CHEMICAL FREE DISINFESTATION ■ DRYING



Better moisture profiling at the core of Biscuit as compared with Conventional Line.



DRYING DIS-INFESTATION STABILIZATION EQUILIBRATING OF MOISTURE



ADVANTAGES OF RF EQUIPMENT

Maintains the taste, colour and other external characteristics of the product while extracting moisture from within.

Even removal of moisture across the product profile and from within the product.

Killing of insects, larvae and eggs without using any chemicals and exposing the product surface to a minimal temperature rise.

Increase in shelf life by reduction in water activity within the product.

APPLICATIONS & USAGE

GRAINS AND SEMOLINA

ANIMAL FEED

RICE & RICE BRAN

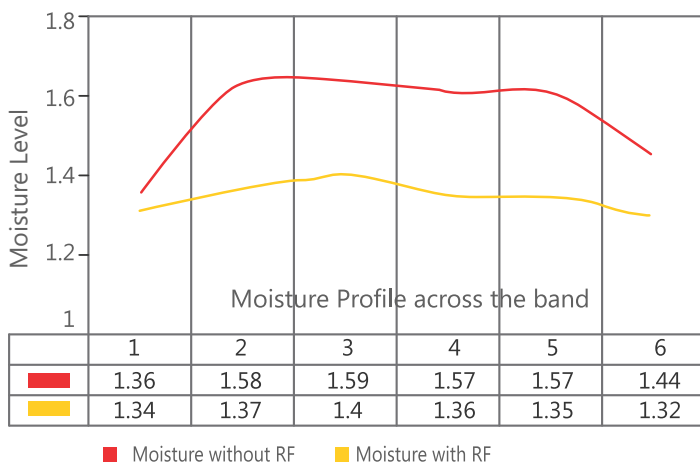
WHOLE AND GROUND SPICES

GRAINS (SOYA, MAIZE, WHEAT, RICE BRAN, LENTIL (DAL)

Pharmaceutical Tablets & Powder (API)

SUGAR

PROFILING OF MOISTURE



WORKING PRINCIPLE

Radio Frequency Equipment works on the principle of Dielectric Heating.

Water molecules align themselves to the continuously oscillating electric field at the rate of 27 Million times per second.

This causes internal heating of the water molecules present within the product thereby eliminating the need to heat the product externally.



WORLD LEADER IN DIELECTRIC HEATING

Strayfield has achieved a reputation for excellence in the manufacturing industry by following high standards of design and manufacturing practices. Through continuous commitment, dedication and attention to detail, Strayfield has justly earned this accolade and is generally acknowledged as the world leader in dielectric heating.



Strayfield's product range for Radio Frequency heating encompasses equipment for Food, Textile, Paper Converting, Glass Fibre, Ceramics and Wood-Working industry.

With more than 5000 installations we have the technical ability and experience to provide a solution for virtually any drying application within the RF domain.

Strayfield's global corporate network and its agents provide excellent after-sales support to customers.



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