

Questions & Answers ON PY-RAN

Other Members of Monsanto's Leavening Family



Monsanto SAPP-40 ...
ideal for machine dough-
nut mixes

Monsanto SAPP-28 ...
a slow-action baking acid

Monsanto HT Phosphate...
MCP monohydrate; use it
alone or with other mixes
for good results.

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What is PY-RAN?

PY-RAN is the new, coated, anhydrous monocalcium phosphate leavening agent just put on the market by Monsanto.

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Just what is meant by "coated?"

Each granule of PY-RAN has a moisture-absorbent covering which protects it against premature reaction during storage or shelf life.

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What can PY-RAN do for me?

Give you leavening *stability* never before possible.

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How will this stability affect the shelf life of my products?

Aging tests conclusively prove PY-RAN's superior stability increases the life of prepared mixes and self-rising flour. The special coating retards premature reaction. Deteriorated, returned goods are reduced to a minimum.

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How will this greater stability affect the release of CO₂?

Greater stability of PY-RAN assures a controlled release of gas, even after long storage. Tests clearly prove PY-RAN releases CO₂ slowly during first two minutes of the mixing of the dough or batter. This two-minute reading is especially important, as any CO₂ evolved during this time will be unavailable for leavening action in the oven.

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What other advantages has PY-RAN?

Slow, controlled release of gas as produced by PY-RAN gives excellent texture, volume and crust and crumb color. Tunneling is virtually eliminated.

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Can PY-RAN be used in conjunction with other phosphate leavening agents?

Yes. PY-RAN will blend perfectly with other leavening phosphates such as Monsanto SAPP and HT phosphates.

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How can I find out more about PY-RAN?

We will be glad to furnish you samples so you can see for yourself what it will do. In addition, our completely equipped food laboratory is ready to work with you to show you the best way to use PY-RAN and other of the Monsanto leavening phosphates for maximum results. For more information or a copy of the new booklet, "MONSANTO PHOSPHATE LEAVENING AGENTS," write to MONSANTO CHEMICAL COMPANY, Inorganic Chemicals Division, 1700 South Second Street, St. Louis 4, Missouri.

PY-RAN: Reg. U. S. Pat. Off.