Kodak reports to laboratories on:
refluxing fats . . . the sensibleness of supplying somewhat impure organics . . . making
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Fats for feed
Advertising, not the kind you are
reading now but the big-time out-
pourings, convinces millions of la-
dies that plain soap is demode, that
synthetic detergents are the thing.
Frantic scrabbling ensues to find a
market for the 700 million pounds
of tallow and grease by which the
nation’s production exceeds its con-
sumption. Agencies and institutions
concerned with our agricultural
welfare conceive the notion of the
entire animal industry as a vast
chemical operation in which the less
desired product—fat—may be re-
fluxed to create more of the desired
product—meat. A long series of nu-
tritional experiments shows that it’s
mere folklore to regard herbivores
as creatures that eat vegetable ma-
terials only. The reflux or feedback
idea, besides sounding highly sci-
entific, also fits in with the farmer’s
instinctive desire for self-sufficiency.
The statistics are impressive: if
only one percent of all feeds sold
contained 5 to 8 percent of stabi-
lized animal fat, the farmers would
use up all the fat they can’t sell
for soap.

Now, we learn that at the Uni-
viversity of Nebraska, they have “fed
out” one lot of steers on standard
rations and an equivalent lot on a
mixture including tallow. Both lots
brought the same price, but the fat
eaters had a glossier appearance and
cost $1.18 less per cwt gain. Experi-
ments elsewhere with chicken feeds
containing up to 8 percent stabilized
animal fats have produced chickens
indistinguishable from those on
standard diets.

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ture. Since we don’t know of a bet-
ter way to stabilize fats in feeds, the
news from Nebraska and elsewhere
excites us.

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ist, a rancher, or a renderer, you can get
into a discussion on the economics of fat
stabilization by writing Eastman Chemi-
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sence. For $5.10 you get a 3 kg mis-
cellany of

\[
\begin{align*}
&\text{CH}_3\text{CH}_2\text{CH} & \quad \text{CHCH}_2\text{CH}_3 \\
&\text{CH}_3 & \quad \text{CH}_2\text{CH}_3 \\
\end{align*}
\]

and its ortho isomer and

\[
\begin{align*}
&\text{CH}_3\text{CH} & \quad \text{CHCH}_2 \\
&\text{CH}_3\text{CH}_2 & \quad \text{CH}_2\text{CH}_3 \text{CH}_3 \\
\end{align*}
\]

and its ortho isomer and

\[
\begin{align*}
&\text{HC} & \quad \text{CH} & \quad \text{CH} \\
&\text{CH}_3 & \quad \text{CH}_3 & \quad \text{CH}_3 \\
\end{align*}
\]

and its ortho isomer and (despite
the name)

\[
\begin{align*}
&\text{CH}_3 & \quad \text{CH}_3 \\
&\text{CH}_2\text{CH}_3 & \quad \text{C} & \quad \text{C} & \quad \text{CH}_3 \\
&\text{CH}_3 & \quad \text{CH}_2 & \quad \text{CH}_3 \\
\end{align*}
\]

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the hydrocarbon structure but defi-
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