

Doctor in the Kitchen®

by Laurence M. Hursh, M.D. **Consultant, National Dairy Council**

tinal tract

release energy from food. Ribo-

flavin helps cells use oxygen,

helps keep skin, tongue and lips

smooth and normal. Niacin helps

keep the nervous system healthy,

and prevents pellagra, a disease

once prevalent in our southern

states. Folic acid and vitamin B12

and accorbic acid share a function

related to the health of red blood

cells B12, on its own, is essential

for body cell function, especially

those in bone marrow, the ner-

vous system and the gastrointes-

ates symptoms similar to those

resulting from a lack of the other

B vitamins — skin problems,

tongue and lip inflammation, mus-

cular weakness, nervous disor-

ders, depression and irritability.

Pantothenic acid helps release

energy from proteins, fats, and

carbohydrates in our food. Biotin

helps us in metabolizing carbohy-

drates and in the synthesis and

Vitamin C

is involved in many of the re-

actions within cells but this func-

tion is little understood. We do

know that vitamin C is vital in

helping us make the cementing materials that hold body cells to-

gether. Vitamin C also helps

make the walls of our blood ves-

sels firm, and it helps us in heal-

ing wounds and broken bones.

Scurvy, once a disease suffered by

sailors from lack of citrus fruits

in their diets, would result if you

chart showing each of the vitamins, and the best food sources

WATCH FOR

OUR

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March 9, 1973

Next week we will present a

did not get enough vitamin C.

As for vitamin C, it apparently

oxidation of fatty acids.

A deficiency of vitamin B6 cre-

VITAMIN INTERRELATIONSHIPS — IV (Fourth of a four-part series of articles)

In the past three weeks we've talked about vitamins generally, and specifically vitamins A and D. What I didn't mention in the earlier columns is that vitamins A and D, along with vitamins E and K, are known as the fat-soluble vitamins This is because they always appear in the fat portion of foods All the fat-soluble vitamins are stored in our bodies to some degree, hence we can build up re-

All other vitamins are watersoluble vitamins These are not stored in the body They constantly are leaving by way of excretion and must be replenished from our food Later in this col-umn, they will be discussed.

serves

Vitamin E

But first a word about vitamin E It is essential Deficiencies in various animals have caused degeneration of skeletal muscles, paralysis of the legs, and reproductive failure But none of these failures have been demonstrated in man Vitamin E in the body acts as an antitoxidant, uniting with oxygen to help prevent blood cell ruptures caused by oxidizing agents such as the peroxides in unsaturated fatty acids. The daily need for vitamin E is closely related to how much polyunsaturated fats you consume.

The other fat soluble vitamin vitamin K — is essential for normal blood coagulation, though we don't really know how it assists in blood clotting We get vitamin K in our food and it is also synthesized in our intestinal tract

The Water-Soluble Vitamins

The water-soluble vitamins include all those referred to as the vitamin B complex, plus vitamin C, or ascorbic acid At least 11 vitamins compose the complex. The major ones are thiamin, riboflavin, niacin, folic acid, vitamin B12, Vitamin B6, pantothenic acid, and biotin There isn't space to adequately discuss them, but here, briefly, are some facts

Thiamin promotes appetite and digestion, keeps the nervous system healthy, and helps the body



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Home on the Range

(Continued From Page 29)

1 teaspoon salt

Drop by teaspoonful on cookie sheets. Bake at 350 degrees for 10 to 15 minutes. Put icing on. Mrs. Abram Fisher

R.D. 1 Ronks

XXX **Tempting Pecan Rolls**

- Dough: 1 cake compressed or 1 package dry yeast
- ¼ cup lukewarm water
- 1 cup milk, scalded
- ½ cup sugar
- 1 teaspoon salt 1-3 cup butter or margarine
- 2 eggs 4 to 41/2 cups sifted all-purpose
- flour 1 cup oatmeal (quick or old fashioned, uncooked)

Soften yeast in lukewarm water (use warm water for dry yeast) Pour scalded milk over sugar, salt and butter; stir occasionally until butter melts. Cool to lukewarm Beat in eggs and one cup flour. Add softened yeast and oats. Stir in enough flour to make a soft dough.

Turn out on lightly floured board or canvas, knead until smooth and satiny, about 10 minutes. Round dough into ball: place in greased bowl, brush lightly with melted shortening. Cover and let rise in warm place until double in size, about one

Punch dough down; cover, let rest 10 minutes. Divide dough in half. Roll one-half to form a 12mch square. Brush with melted butter; sprinkle with half of filling made by combining these ingredients

Filling:

½ cup sugar ½ cup firmly packed brown

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sugar

2 teaspoons cinnamon Roll up as a jelly roll. Cut into 12 one-inch slices. Repeat for other half of dough.

Topping: tablespoons butter margarine

6 tablespoons dark corn syrup 34 cup firmly packed brown sugar 1-3 cup chopped pecans

Whole pecans For topping, melt two

tablespoons butter in each of three eight-inch cake pans. Stir two tablespoons dark corn syrup and 1/4 cup brown sugar into butter in each pan. Sprinkle with chopped pecans.

Place eight rolls in each pan,

cut sides down. Cover; let rise in warm place until nearly double in size, about 45 minutes.

Bake in preheated moderate oven (375) about 25 minutes. Invert on wire rack immediately. Makes two dozen.

Mrs. Martin N. Hoover Denver

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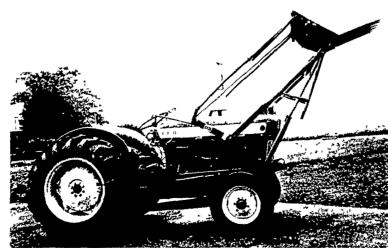
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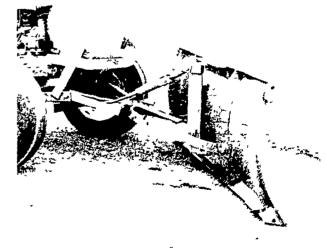
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