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Waterproof Building Papers to keep out drafts
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or \$3.50 we will send prepaid this pretty conset Doil House. Equal to houses that toy ressell for as high as \$10. If you don't think ceturn it at our expense and get your money. This price is possible because it shows you erfectly several of our products. (Size 19 as high, 3 feet 6 inches long. Shipped flat.)



#### The Potash Shortage

Practically all of the potash in the world is mined in Germany and us-ers of commercial fertilizers in other countries will be seriously hampered for their potash supplies so long as the present war lasts. Nitrate of the present war lasts. Nitrate of soda is therefore receiving attention as an indirect source of potash. Us-ually regarded as a nitrate, the soda base acts on the potash ingredients of the soil and makes them available for plant food. Writing of the effect of nitrate of soda in Rothamsted, exof nitrate of soda in Rothamsted, ex-periments with mangolds over a ser-ries of 25 years, Mr. A. D. Hall states: "The plots receiving potash all gave about the same yield whatever the source of nitrogen, but on plots with-out potash the yield is only main-tained on the nitrate of soda plot, on the other two the plant is neither supplied with potash by the material of its stored up potash as it is by the nitrate of soda, whereupon the yield of its stored up potasn as it is by the intrate of soda, whereupon the yield declines by one-half or more. For 25 years then the use of nitrate of soda alone has enabled the soil to supply a mangold crop with the large amount a mangou crop with the large amount of potash it wants, though the store of potash in the soil apparently soon becomes exhausted when a manure is used which cannot bring it into solution. With other crops the same results are obtained, though the lack of potash does not become manifest so quickly as in the case of the man-

Mr. Hall further quotes the results of a ten-year series of experiments with barley to show that nitrate of soda "has dispensed with the necessity of a potash dressing, which after a time became necessary when sulphate of ammonia is the nitrogenous manure."
Again, with respect to a

Again, with respect to a twelve-years' series on mangolds, Mr. Hall writes: "Here it will be seen that potash increased the crop in every case except where nitrate of soda had been used as the nitrogenous cross dressing, in which case the soda liberates so much potash from the soil that specific application of potassic manures is unnecessary."

#### Dairy Farmers of Middlesex County

(Continued from page 5)

expressing my appreciation of the country that I had seen when he broke in with "Why, you haven't seen Middlesex at all. I can take you into lots of sections in our county finer than any of the land lying right near to London. Come down again and I will really show you Middle-

sex."

Mr. Harding may be prejudiced in favor of the particular section of the county that he calls home, or it may be that dairying in Middlesex has achieved much fuller development than is generally known. I trust that this is so, for everywhere one finds the dairy cow working in cooperation with such a sail and climate as they. the dairy cow working in cooperation with such a soil and climate as they have in Middlesex, he will find prosperous homes and prosperous people.—F.E.E.

Home butter makers are apt to forget that butter worked too warm is unsatisfactory in color and flavor. Watch the temperature.

On any well regulated dairy farm the milking of the cows at a stated period is never neglected. Don't neglect the source of income.

Did you ever notice that cows suf-fer from homesickness? Don't you think you have been cheated if the newly purchased cow falls away in her milk flow for a few days.

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