The Butler Dairy.

Mr. C. C. Buel expressed the opinion, or outside the building, according to perhaps), with a large square, galvanized that the maximum of profit in a dairy the notion of the builder. The wood floor iron boller, and costing allogother less cannot be reached with less than twenty makes an appropriate place for churn, than ten dollars, has done very efficient cows. Probably the number should be butter worker and stove. The comented work in such a place. A small feedno larger. The number should be large floor will accommodate the small water cooking steamer would be better. enough so that the busin as shall con- tanks or milk coolers. No better cream ture current, in spending the necessary in summer and against freezing in win- value of the waste water for stock .-time and monoy in attending the dairy- ter, these pools being supplied by the Western Rural. mon's conventions and in thoroughly larger and elevated tank before described. posting himself in the various lines of If any of the labor saving devices for thought and investigation pertaining to cream raising aro used (and some of the business. We believe the five and them are really labor saving) they can ten cow dairy will, except under peculiar be supplied in the same way, the water circumstances, labor under disadvantages, going to the stock yard. A cheap pipe The milk of such, as a rule, had better go for this purpose, which can be laid underto the factory or the cream to the cream- ground with a constant descent, is a ery. In general, it is to be remembered, 4x4 scantling with a channel sawed in the larger dairy the less in propertion the one side and covered with a band. cost of building, fixtures and labor for

running it. Assuming, then, that we have a dairy of standard quality, numberingsag 20 to Swartz L, stem of cream raising as the the entire day would be pumped during key to the situation, let us proceed. In the milking time. The churning could bron, Duplox, Monarch, Wisconsin springs that were valuable, but the best be a lack of pure cool water to control the dairy business. Select a site for plied would contribute largely to the dairy building which has good natural purity and sw etness of the entire dairy drainage, and as most farmers need the room. We have seen a few establishwaste water for stock watering purposes ments built on the conomical plan we the drainage be towards the cattle yard. just as good product as can be made and Erect a building say 16x24 with Bone at the minimum of cost in labor and foundation walls. Eight foot posts will expenditure. This arrangement leaves be high enough. Cover the sides with no place for the use of ice, and indeed good drop siding and the roof with good shingles, leaving ample openings for towards providing the whole thing. We end" of the potato before planting. No windows and doors. If well built, no further expense on wall and roof is nec- keeping of butter, for which, of course, tings with land plaster before planting. essary. Floor one-half of this building special provision, as in other cases, would with good cement, from which water will have to be made. readily flow into a good drain. Cover the remaining part with good wood floor fit would stand about as follows : draining towards the comented part. At c the cemented end erect an elevated tank large enough for supplying all needs in the dairy room as well as the stock in yard. Locate the well just outside (or inside) convenient to supply this tank with water by a force pump run by a

just cutside, the shafting to run churn water heating arrangements. A common

work in summer would be about as follows: At milking time in the morning a Beauty of Hebron and Wisconsin horse with good spirit and hood-winked, Beauty. Placed in the order of their 100 cows, let us proceed to show how it would be hitched to the power and the table quality, these varieties would rank can be r anaged at a profit. Taking the pump put to work. Water enough for as follows; Alexander's Prolific. White the first place, we must have a dairy also be done at the same time or after- Beauty, Seneca Red Jac let, Rose Beauty building-but not necessarily an expen- ward, as convenient. The horse power Mullay, seedling from C. E. Angell. sive building. But we must have an would be available in the same manner Both with cuttings and vhole tubers. abundance of water. We have seen at evening, and thus there would never the largest merchantable yield came thing usually available is a good well. If the temperature of milk or cream. The increase of merchantable yi. Id was by you have not this at least don't go into abundance of pure, cold water thus sup- no means in proportion to the increase either in summer or winter, or both, let have described, which were turning out single eyes in a hill yielded decidedly the cost of a good ice house would go far clearly opposed to cutting off the "seedhave here made no provision for the advantage followed sprinkling the cut-

If we summarize, the expense of out-

Cost of building and elevated tank not to ex- coad	

Total \$260

power at the other end of building and are so variable. We have also omitted isn't there?

In speaking of the buttor dairy once, and pump being overhead and just inside cook stove (unless for other purposes,

The estimate we have made we continue the leading business of the mana- can be produced than with the common sider ample for a dair / of fifty cows, and ger and command his best thought and setter standing in a pool of cold water. We believe they would meet the needs of attention. It should be of sufficient If the setter is used let these stand in a still larger dairy. They amount to magnitude to warrant the principal pro- small pools of proper size, with covers only about fifty dol ars a cow, all told. curing and reading the best daily litera- for proper protection against flies or dust Something should to credited for the

POTATO.

A Test of Varieties, and Report of Exporiments.

[Br E. S. Gorv. Wisconsin.]

Of 122 varieties and seedlings of the potato tested last season, the following, ten were most productive, yielding in the order named. Seedling from C.E. Angell, Rose Beauty, Monarch, Daplex, Late With these figures the daily routine of Beauty of Hebron, Mullaly, Alexander's Prolific, Senece Red Jacket, White Beauty of Hebron, Lato Beauty of Hefrom the heaviest seedling, though the of seed. The proportion of small potatoes increased with the increase of seed. The smaller whole potatoes gave inferior results to the smaller cuttings. Two more than one, without a corresponding increase in small potatoes. No loss in yield followed planting in hills as compared with drills. The results were

Quitons No Said,

Graves-Look here, Tattler ! I just called on Gibbs, and find him to be the same incorrigible sinner healways was. You told me he'd met with a change of heart

- Tattler-So he has.
- Graves---What makes you think so?

Tattler-Why, he has been divorced We have purposely omittel the cost of from one wife and married another; concheap horse power. Locate the horse well and tower fixtures of punp, as these siderable change of heart about that