fine flavor of fresh butter is destroyed by the usual mode of washing, and recommends a thorough kneading for the removal of the buttermil, and a

subsequent pressing in a linen cloth.

9. At a meeting of the North Western Dairyman's Association, J. Boies, (who makes 300 pounds of butter per cow.) stated that he washes the butter till it is

free from buttermilk.

10. At same meeting, Captain Tuttle denounced the practice of washing butter, as it takes away all the flavor. " people who cannot make butter without washing it had better leave it alone," he said.

11 A correspondent of the Cincinnati Casette,

11 A correspondent of the Cucanati Gazella, says that washing butter drives out the milk more readily, saves labor in working with a ladle, and assists in retaining the aroma and grain of the butter.

12. F D Donglas, of Whitney, Vermont, one of the best of Curuers, a high authority, and a practical dairyman, removes the butternalk while the butter is still in the churn, and repeatedly adds water—nee that it is the churn, and repeatedly adds water—nee that it is the churn, and repeatedly adds water—nee that it is the churn and repeatedly adds water—nee that it is the churn and repeatedly adds water—nee that it is the churn and repeatedly adds water—nee that it is the churn and repeatedly adds water—nee that is the churn and repeatedly adds water in warm weather - revolving butter and water

together

13 The Hom Is trued thus discusses the question "We approve of washing butter as it comes from the churn, that is, using so much water upon it while properly working it with the halfe or butter worker as will remove all traces of buttermik. When buttar comes as it should, but very little water is required to take out the buttermik. When the together mosture that flows from the butter is clear as the mostire that is pointed upon it or is not discolored as it passes off, the wishing process is completed, and no more with restoudd be used. Accessive washing injuries butter, and of course some judgment in the matter is necessary. We are aware that many good butter makers are opposed to washing butter, holding that some of the more delicate flavoring oils are carried off by that process, and consequently that mashed butter—has not that me aroma which unwashed butter possesses. Possibly this may be in some instances, but as there is always danger of overworking butter and spedling the grain in feeding it of working interest and sponding the grain in working it of buffer malk without the use of water, while at the same time, there is danger of not expelling the buffer will, we think it sater and better to wish it. A large majority of buffer makers who make "fancy buffer," wash the buffer. Washed buffer keeps butter," wash the butter. Washed butter keeps better than that which is anwashed. This has been proved over and over again by the fancy product made under the two systems, both of which come that the butter is which there is into the London maket. Butter in which there is a large proportion of caseine retained, will not keep well for any considerable length of time, and a common sense view of the matter must show that washing most readily frees the butter of its caseme.

14. L. B. Arnold, of New York, of large experience and good authority in dairy matters, says "The idea that it washes out the aroma of the butter is more fanciful than real, and certainly much less murs is done to the texture by wasning out the butter-milk than by working it out.
"When the butter is taken from the churn it is

"When the butter is taken from the churn it is thoroughly washed in cool water before salting; however much washing butter may be condemned by others, it certainly works well at the creameries."

15. J. J. M., in Journal of the Farm, puts water with the butter in the churn to gather it, after drawing off the butternilk, finds that it saves much labor with early strength washing and doubt the these washing and doubt the strength washing and strength washing and strength washing the strength wa

in the subsequent working and doubts that it injures the butter.

16. At the Brooks Entter Factory, Little Valley Village, Cattaraugus counts, New York, water is added to the butter in the churn twice, and the butter rinsed by rocking, before it is taken out and

17. Col. George L. Waring, of Ogden Farm, who gets one dollar a pound for his butter, one of the first American authors and farmers, and a scientific and successful cattle breeder and dairyman, runs off and successing cattre orecast and darying, thus on the butter within and repeatedly adds water -sometimes three times—to the butter, rinsing and working while in the thurn with the paddles, this "consolidates the mass and removes most of the butternilk;" inaddition to the agencial working to the charge of the times. to this repeated washing in the churn, after the butter has been placed on a table for working, a large sponge, wrung out of cold water, is repeatedly applied to take up any buttermilk which may remain.

18 We see one butter maker washes his butter with sweet skimmed melk, because it is not injurious to the flavor of the butter.

Here is the testimony of seventeen witnesses, elever of whom are in favor of washing the butter with cold water, to remove the buttermilk; and simply eleven water, to remove the outerman; and simply eleven to six does not show all the weight in favor of the plun; among the eleven are the best writers and durymen in the country: (ol. Waring, A. W. Cheever, J. Bones, F. D. Douglas, L. B. Arnold, E. Chente, the face, and the country of the country C. Brooks, &c.

The six who do not approve of the plan are re-presented by only one name, Captain Tuttle, of the North Western'Dairyman's Association, the other five are anonymous communications to the agricultural

We think this decides the question so far as a general principle is concerned, but not necessarily general principle is concerned, but not necessarily and unalterably for the practice of each individual; it is supposed that those who oppose the practice as migrious to the aroma of the butter have some good ground for their opinion, and of the course to be pursued each individual should be governed by individual experience, following that plau which they find giving the best results. Our own practice has been to work out the milk instead of washing tout; we have very cold water, (51°), feed han and turnips, get the cream at proper temperature (62°), the butter comes hard and requires very little working, it is claimed in one section that washing butter—event in very warm weather—makes it rancid. -except in very warm weather- makes it rained , hence the practice is not followed. - Maryland l'armer.

Experiments in Setting Milk.

We quote the following from a correspondent of the Bullalo Line Stock Journal "The cons ex-perimented with were of the common stock, were stabled during the test and fed with dry hay and ton

quarts of boiled oats each per day 1 - November 3 Set 951 lbs of milk 7 melies deep, 40 hours · result in butter, 3 lbs. 9 oz. or 26

deep, 36 hours, result in fatter, 3 hs. 9 oz. or 26 lbs of milk to one of butter 2—November 4—Set 90 lbs of milk 14 mehes deep, 36 hours, and had 5 lbs. 1 oz. butter, or 18 lbs milk to one of butter

ibs milk to one of butter

3—November 5—Set 87 lbs. of milk 1 meh deep,
36 hours - got 5 lbs. 13 oz butter, or one pound of
butter from 15 lbs of milk

4 November 12—Set 92 pounds of milk ½ meh
deep, 36 hours: had 5 lbs. 8 oz. butter: one pound
of butter 17 lbs of milk

The temperature of the
milk soon ranged from 55' to 55' during the experiment

1st. Wo wish to all others and

1st We wish to call attention to the above state-

Was the milk in test 1 placed in cold pure water

7 inches deep s The advocates of deep setting are advocates of deep ater invariably. Was water used at all in this water invariably.

experiment?

2nd. "The cows were fed and stabled during the test" says the preamble. The 1st experiment, November 3 -if the cows had previously been runing out on scant and frosted grass exposed to the rigors of October in the inclement weather of the muth, it would not be a fair test suddenly to stable north, it would not be a rair test standerly to stand and feed highly, and put the first mess of milk in deep cans as a test of the system 3rd. The first test was November 3, and the result

of that test is compared with the results of messes put in pans November 4th, 5th and 12th. We have before us the result of some experiments

of our own in which the percentage of cream varies in one day, in milk from the same cow three per cent.; in milk from another cow, the variation the same day was five per cent. of cream: how much greater the variation would be likely to prove after an interval of the one, two and nine days between the first and the remaining tests!

By further reference to our experiments and tests we find, to strengthen the above suggestions, that in the milk from the same cow on different days (June 1st and 2nd) there was a variation of fire per cent. of cream, and in the milk of another cow the variation (June 1st and 2nd) was ten per cent. of cream; the variation in another cow, in milk drawn in one day,

seven per cent.

4th. The cows would be more likely to give an increased/quantity of butterafter their systems had been invigorated by the high feed and had grown accus-tomed to it (and had perhaps recovered from the un-favorable effects of a sudden change from had to very good feed) even by the same system, mentioned in test 1, and we find that the product continued to

conditions, especially in large dairies, will prevent conditions, especially in large darres, with precion this test from having any hearing in practice. Whatever the facts upon which the above statement is based, we think the statement itself does not show that the results of the experiments evince the superiority of the shallow pan over the deep can system. - Maryland Farmer.

Does Feeding Turnips affect the Taste of Milk and Butter?

The following replies to this question appeared in a recent issue of the Country Gentleman :

I would say that feeding turnips to milch cows in small quantities, and at intervals, would not be apt to affect the milk. I have had considerable experience in the matter, and find this to be the fact.

J. B. P.—Turnips will not hart milk or butter in the least, if fed just after mulking. I have fed half a lushed at a feed without causing any turnipy taste. H. S. R.—In regard to turnips fed to milch cows affecting the taste of the milk and butter, I would not the fed in the milk and butter, I would not the fed in the milk and butter, I would not the fed in the milk and butter, I would not the fed in the milk and butter, I would not the fed in the milk and butter, I would not the fed in the milk and butter, I would not not the milk and butter, I would not not the milk and butter, I would not not never in the season of the milk and butter, I would not never in the season of the milk and butter, I would not never in the season of the milk and butter, I would not never in the season of the milk and butter, I would not never in the season of the milk and butter, I would not never in the season of the milk and butter, I would not never in the season of the milk and butter, I would not never in the milk and butter, I would n say that if fed in sufficient quantity to do any good to the cows, it will affect the taste. M.C. S.—I have fed turning an small and large quantities, and have never known it to affect the taste of the milk or butter. We have sold milk and butter to our custohave never known it is affect the date of the mink of butter. We have sold milk and butter to our customers, who would be very likely to say something if it were tainted. J H. N.—I have fed two cows for the past month or more with turnips, twice a day, without having any taste of them either in milk or butter. My plan is to give them after the cows have been milked in the morning, and the same at night. been milked in the morning, and the same at night. D—I feed at present 12 quarts per cow once each day, and that is fed immediately after milking in the morning. I have been in the practice of feeding turnips in this way for several years, without any bad taste in the milk or butter. I commence feeding lightly and increase up to one half bushel if desired. I feed, in addition to the turnips at evening, 2 quarts of corn and oats ground into fine meal to each cow, and plenty of early cut timothy and clover hay. I am able to produce an article of butter that finds a market at several cents per pound above the common winter made butter. I find the orange mangold the best root to feed for butter-making, as it gives a very rich color to the butter, which I prefer to coloring rich color to the butter, which I prefer to coloring with the juice of carrots. I think it a great loss to any farmer that keeps cows if he fails to have a good root crop. I winter our hogs well on Swede turnips. In fact, we have no stock upon the farm but what have their turnips; even young calves that are being raised soon learn to eat them, by sheing the turnips fine and putting a little meal upon them. F. Bowen.

Last fall pigs should be fed very liberally at this scason, in order that when they are turned out to grass or clover, they may be strong and vigorous. If they are fat now they will keep fat all summer on good clover.

PURIFYING MILK .- An American Agriculturist correspondent says that wood charcoal is an excellent absorbent of the disagreeable flavor of garlie in milk. He uses it every spring by dropping a piece three or four inches long and two inches thick into each pan of milk, or into the pitcher in which milk for table use may be kept.

STRAINING MILK .- This may seem a very simple subject, and one that most people think they can do well enough in their way, but I think there is a more excellent way than that practised by a great majority of our farmers. I find that most all of our milk raisers are content to simply let the milk run through increased junnity of interacter their systems had been invigorated by the high feed and had grown accustomed to it (and had perhaps recovered from the unfavorable effects of a sudden change from had to very good feed) even by the same system, mentioned in test 1, and we find that the product continued to improve at each successive test, (except the last) from 26 to 18 then to 15 pounds of milk for a pound of butter: we cannot attribute this favorable change to the different depths at which the milk was placed for reasons set forth in the third section of our remarks. 5th We notice the range of the thermometer was was from 55° to 65° during the experiments; were the forty hours mentioned in test 1 more unfavorable in consequence of heat or moisture or other atmospheric conditions to the rising of the cream. Than the 36 hours mentioned in tests 2, 3 and 4?

6th. It will be seen according to the attement (test 3), that the best yield of butter was from milk set only one inch deep. We think the impractication of milking, there will be always be a little fine dust or particles which will go through the operation of milking, there will be always be a little fine dust or particles which will go through the operation of milking, there will be always be a little fine dust or particles which will go through the operation of milking, there will be always be a little fine dust or particles which will go through the operation of milking, there will be always be a little fine dust or particles which will go through the operation of milking, there will be always be a little fine dust or particles which will go through the operation of milking, there will be always be a little fine dust or particles which will go through the operation of milking, there will be always be a little fine dust or particles which will go through the operation of milking, there will be always be a little fine dust or particles which will go through the operation of milking, there will be always be a little fine dust or particles which will go through a wire sieve or strainer attached to the pail. I don't