THE DESERET NEWS

AGRICUL A L. INDIAN SUMMER.

BY M. H COBB. It has been said, (as common-place as truly,) That "e'en a cat may glower upon a king," Likewise, perchance, who chooses so, is duly Licensed, of hackneyed themes to rhyme and sing Therefore I sing of that which, out of view, lay Just before the fall-wind came to fling

The crisp, dead leaves about-a welcome comer, June's late-born peer and sister, Indian Summer.

'Tis but a narrow rift in Autumn's clouds

Thro' which thy softer skies just now appear; A burst of sua-light thro' the gloom that shrouds Thy charms, O, second childhood of the year; For thou doest type the second birth that crowds The young child's cradle on the old man's bler, And there is healing in thy balmy breath, Which robs the garner of the reaper, Death!

We seem in gentle dalliance with June-

With June the blue.eyed, June the Summer queen; With thy blue skies o'er canopying at noon

Both field and forest in their Autumn sheen; And tho' the birds come not as then, to tune

Nature's great harp, and sanctify the scene, We lose thee not the less; each has its time, June with its birds and Autumn with its rime.

condition it is purchased from the planter. The seed makes better oil and better meal when it is deprived of this hull and down. the seed. One is a stone mill, in which the seed passes between rough surfaces and the bark is rubbed off. Another is a steel mill about ninety gallons to a hundred bushels of fession. the Sea Island, or two gallons to fifty-six Island seed does not need hulling.

in ammonia than that made from any other and to some extent of Hydraulics too. kind of stall feeding. There is already a con- We give these facts as illustrations of our of the linseed oil meal.

Selection and Management of Dairy Stocks.

From the report of the Committee of the Massachusetts Board of Agriculture on Cattle Husbandry:

The general aspect of the dairy animal is thinner, sharper and more angular than feeding animal. When selecting dairy cows, we should look for a wide chest, small head, wide between the horns and eyes, small muzzle, thin, slim neck sweeping smoothly into the shoulders, at the withers thin, back straight, hips wide, and wide in the pelvis, and deep in the flank, ribs a little flat, belly somewhat large, udder large, extending well up behind and forward, her general appearance delicate and feminine; but, after all signs, the best recommendation a dairy cow can present is a list of a long line of ancestors that have been famous for milk. Heifers may come in at two years old, but are enfeebled in health and constitution by the practice, and will not hold out in the dairy to so great an age as those that come in a year older. short head, horns spreading from the side a little in front, and turning upwards, back straight, a little sharp at the withers, widening backwards to the hips, slightly sloping rump, belly large and legs short and fine, tail long and tapering, with a heavy bush of hair at the end. Much of the profits of a dairy cow depends upon a plentiful supply at all times of rich food. The variation in the quantity of milk they yield is principally owing to the differ- who will have some skill in everything. ence in the nutritive quality of the food they receive. Cows receiving food poor in alimental matter fall away in milk. Add to the nutritive properties of their food, and they immediately increase their flow. The quantity kind of skill. Not one in a thousand will live of milk then does not depend on giving a par- so near a village where there are skilled ticular kind of food, but on giving a quantity mechanics, as to be able to use their aid at all into milk.

What Constitutes a Farmer.

The following, from the Ohio Farmer, conrelation to the science of agriculture:

The science of agriculture is made up of a doing the work more perfectly. After the whole group of sciences, whose theory and many kinds of apples, pears, peaches &c., hulling, the treatment of the seed is the same applications the farmer must understand and were exhibited of enormous size, and in as linseed. The yield of oil is less, being practice, if he would be master of his pro-

pounds of the hulled cotton seed. The Sea understand the treatment of the soil, and the of the adaptation of the soil and climate of composing and use of manures. He must The cotton seed oil is comparatively a new understand Botany, to manage all the vegearticle. It has not yet a steady commercial tables, grains and fruits which he grows. He value. The meal is growing in favor as an needs Physiology and Medicine, to treat his article of fodder. It is adapted to the same animals well in health and sickness. If he a"Dearborn Suckling" pear tree, only five feet uses as the linseed meal, and is by many has a thrashing machine, or mower, he needs thought to be as valuable, though it sells for some acquaintance with the principles of about twenty-five per cent less. The manure motive power. In the construction of drains, made from the animals fed upon it, is richer he must apply the princples of Hydrostatics, the Duchesse D'Angouleme species, not thick-

siderable demand for it in England, and it can meaning, not by any means as exhausting not be long before the export will exceed that what might properly be said on this matter.genius in almost everything, if he would stand at the head of his profession.

It was not our purpose, however, when we topic that tempted our pen.

We wish to exhort our readers to become well skilled in all the minor operations which the management of the farm and garden in- that weighed twenty-eight ounces. Others volves. What we mean, two examples will nearly as large have been reported in other show: Mr. A. is a farmer, and nothing else. If a strap breaks in a harness, he sends two miles to have it mended. If a horse's leg is bruised, he will not treat it himself, but sends for a farrier. His beehives need repairing, and he hires a carpenter to do what a very little skill would enable him to do for himself. He cannot even mend an old sled, or repair a brokenbacked rake, without foreign aid. He is a about 160 acres, plauted mostly with peach, good farmer. He keeps his implements in apple, pear, cherry and quince trees, exceptgood condition, too, but it is at great expense. ing about 20 acres which were planted last good a farmer as Mr. A. But he is limber in the field were set out less than two years and elastic too. All the little jobs about the ago, when they were rods no bigger than one's house he does himself, or teaches his boys to thumb; and now they have an average height do. He can roof a house; he can hoop a bar- of about twelve feet, and their trunks are The best dairy bull should have a broad, rel, or he can dig and wall a well. He can about six inches through. They bore well build a sled, put a spoke into a wagon-wheel, this year, and another season will have a graft or bud a fruit tree, or make a new har- heavy crop. It is needless to say the soil is ness out of an old one, with an awl, a waxed equal to any in the world. end, and a bit of leather. If he attends a fair, Leaving this young orchard, we were driven he sees the point in the improvements that are into another one of nearly the same size but on exhibition, and he can apply many of them greater age, where the extensive variety of to his own work without any futher aid. see what we are at. We hope they will them- in length, and so close together as to shut off selves be, and bring up their sons to be, men all prospect of the outside world. Our party tion, which we will give at the risk of mak- that it had been sudden'y transported to the ing his article a little longer: 1. Almost every farmer will need this eqaul to the support of the natural waste of the times. Fewer still will farm on so large a body, and leaving a remainder to be coverted | scale as to embrace all these trades in the force employed on their own grounds. He will

Large California Fruit.

The California papers have, during the last There are several patents for decorticating tains some very excellent suggestions in three or four months, been filled with notices of large specimens of fruit produced in that State this year. At the Agricultural fairs, various parts of the State, large fruit and He must know something of Chemistry, to prolific trees have been referred to, as evidence the Pacific slope to fruit raising, of which there cannot be any reasonable doubt.

> A gentleman's garden is spoken of, in which high, produced seventy-five large pears. In the same garden, trees of a year's growth of er than a walking stick, bore from twelve to sixteen pears. A Winter Neil, of the same age and size bore forty five, and a Bartlett, The truth is, the farmer needs to be a bit of a thirty-five pears, averaging in weight one and a half pounds each. A quince, four feet high, stem not larger than a common cane, had on penned the heading of this article, to say much it twelve large quinces of an average weight on these grave themes. It was an humbler of one and a half pounds. The Marysville Appeal says that Mr. Briggs of that place, raised a pear of the Flemish Beauty variety

The latest joy we mortals love the best: Summer's last hour is lovelier than its first; The mother clasps her last born to her breast-Most precious heart flower that she ever nurs'd The miser drops his last gain in the chest A best of all, (and yet 'tis most accursed,)

So, in thy arms we see the year decay, Loving it better as it fades away.

[From the American Agricultrist.] How Linseed and Cotton Seed Oil, and Oil Cake are Made.

The cultivation of flax belongs to the age of homespun, and has gone by, as a general crop in this country. Fifty years ago it was common on almost every farm, and the brake, the hatchel, the swingling board, and knife, were as much farming tools, as the dung fork and the plow. In-doors were the spining wheel for flax, and the loom, where the linen and tow cloth were made for Summer wear. Flax seed was then abundant, and oil mills for pressing the seed were to be found at convenient centers. But many of the present generation have never seen such an establishment, and have no idea of the process of making linseed oil. Though flax is sti Iraised in this country in particular localities, the crop does not meet our demands. Large quantities of seed are imported, from Russia, England, and the British East Indies. In the year 1855 over a million bushels were brought to this country from the rBitish East Indies alone.

In making the oil, quite a variety of machinery is used-more or less expensive, according to the enterprise and capital of the manufacturer. The seed is first passed through iron rollers, to be crushed or ground. One of these rollers is made to revolve more rapidly than the other, which subjects such seed to a pulling, as well as crushing process. The meal is taken from the mill to the "chasers" where it is subjected to another crushing process, more severe than the first. The chasers are two large circular stones, about five feet in diameter and eighteen inches thick, rolling upon a third stone, in the manner of an old fashioned bark or cider-mill. These heavy stones start the oil from the meal, and to keep it from adhering to the chasers, it is moistened with water. The meal is next put into an iron cylinder which is kept revolving over a fire until the art of making oil depends upon this heating process. It must not be scorched, and yet it wants to be brought up to a high temperature, so that it will readily give out its oil. The presses are of various structure, some of them patented, and others not open to public inspection. In the one that we saw, the vats or hoops, holding about two bushels each, were placed opposite each other against two immense beams, or uprights, made fast in the foundations of the building. The followers were forced down upon the meal by two large levers worked by hydraulic power. The meal is kept under pressure about an hour, and the two presses work up about ninety-six bushels of seed every twenty-four hours. The mill is

Farmers err very much when they under- need some skill himself. take to keep more cattle than they have means 2. Such skill renders its possessor more to sustain in the best condition, especially in independent. The sense of such independence winter. The result is-their cows come out is a great comfort. Its exercise is sometimes of the stable in the spring weak and feeble, a great advantage. and struggle through half the summer before 3. It saves a great amount of time and they are in a condition to yield milk in quanti- money. We knew a man who lost a whole ty more than equal to paying expenses. Dairy day's time and several dollars in money in the cows should at all times be in good condition. following way :- A part of the harness was They should receive their food at regular in- taken away. He had mot enough tact and tervals; their milk should be drawn at stated skill to repair it with a piece of a rein or hours, and by quiet, gentle milkmen; and they halter. should be treated at all times with the utmost | 4. It will develop talent in many persons, kindness. In short, every means in the power where it now slumbers useless and powerless. of the dairy farmer should be used to insure The exercise in mechanical skill furnished by their tranquility. Harsh treatment exerts a the farm, has awakened the mind of many a very injurious action on their milk, rendering vouth, who has ripened into a noble and skillwater is evaporated. Much of the skill in the it less buttery, and more liable to acidity. ful mechanic or artist. Respiration is a specie of combustion. At But we have said enough. Give the boys phere, which unites with and consumes the powers in a practical way. You can never carbon or fatty matter of the food. When predict what treasures you will find. cows are worried or driven too rapidly, they breathe more frequently, inbale more oxygen, and more of the buttery portion of their food is consumed, leaving less to be converted into butyraceous milk. Warmth is a substitute, to a certain extent, for food. Cows, when warm and comfortable, will consume propor- gions of California: tionately less food, and it is well known to all experienced dairymen, that their cows yield more milk in warm, pleasant days, or when they have the run of a warm, well sheltered pasture, than on cold rainy days, or when they food and less remains to supply the lacteal vessels with rich milk.

parts of the State.

mannana. A Forest of Fruit Trees.

The Editor of the Appeal, gives the following account of a visit to the orchards of Mr. E. C. Briggs, near Marysville, California:

The first enclosure we entered comprises Mr. B. is another sort of a man. He is as spring with grape cuttings. The peach trees

fruit trees had attained much larger propor-We will go but little further. Our readers tions, and stretched in tall, thick ranks a mile soon found itself-and lost itself-in a wilder-Here are some reasons for this recomenda- ness of fruit trees, and might have imagined parent peach and almond groves of the East. Mr. Lambdin lost sight of the other vehicles, which had entered the labyrinth with us, and drove through the fruitful grove bewildered for about an hour, the party in the coach, meanwhile, indulging in all sorts of jokes and merriment at its own expense.

Emerging finally, we were prepared for the statement from Mr Briggs that the orchard contained 35,000 trees, and 8,000 grape vines-2,500 of the latter bearing-covering an area of 155 acres. This is the famous orchard from which Mr. Briggs has been deriving an annual revenue, according to his own published statements, of from \$50,000 to \$70,000.

without grinding. They are generally exported first month it was a mooted question whether La Salle county, Ill., says that large quantitea, by long steeping and exposure to air. in this form. When there is a market in the the insects would live or die; but finally the Strain the teas before taking them to the vicinity of the mill, the cakes are put under ties of Sorghum, or Chinese sugar cane, are problem was solved in favor of life. The patient, and do not let it become insipidly the chasers, and ground into meal, bagged, now raised there and manufactured into a colonies increased so rapidly that in August and sent to feed stores. The price of the cake fine quality of syrup per day. It is estimated flat before it reaches them. two swarms were taken from one hive and www.www.www.www.www. is from thirty to forty dollars a tun; ground one from the other. At this time we have Corn Oil .- It has been well said, that a that 20,000 gallons will be made this season. into meal, it retails at about two dollars a five hives in good condition. The honey made single year's crop of corn is worth more than hundred pounds. This is the favorite feed for One half goes to the farmer, and one half to from the mountain flowers is far superior to fattening stock with the British farmer, and the mill owner. A train of fifty-two cars any we have tasted in the valleys. It is all the gold of California. In addition to its. ought to receive more attention among us. other uses, it is now found that it produces a generally of a very white appearance, arodirect from Detroit, arrived at St. Louis on The process of making the cotton seed oil matic and rich. It is proper to state that at the 19th October, loaded with Sorghum syrup, this season of the year, the bees frequently clear fluid, that burns without odor, affording and cake is nearly the same. The seed of the a good light in an ordinary lamp for half a Upland cotton is surrounded with a husk to to be manufactured into sugar at the sugar lose their queens, and considerable care is which the cotton adheres. It is covered with refinery in that city. Each car averaged ten requisite to keep them supplied with the incent an hour. The corn oil is as clear and a soft down after it leaves the gin, and in this | tuns. dispensable head of the family. co orless as water. action roport sela eaw th

every breath we inhale oxygen of the atmos- and girls a good chance to cultivate their

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Bee Raising in California.

the East, in February last. They were trans- ly surrounded by grass, they are seldom atferred to patent hives and kept at Oakland tacked by the borer. till May. From the most bungling carelessness nearly all the bees, together with a splen-

Cultivating the Peach.

A writer, in New England, thus treats on this subject :- "There has been much speculation as to the decadence of the peach. Some, notwithstanding the negative evidence of meterorological tables, attribute it to a change in the climate; others to the unnatural method of propagation by budding, and others to the ravages of worms and insects. As far as the writer's experience goes, he is decidedly against cultivating the ground beneath peach trees. Those in his garden that were under cultivation have been exceedingly shortlived, while others, closely surrounded by green sward, and set out at the same time. are still in bearing order and tolerably healthy. A neighbor some years since set out an or-The Nevada Democrat gives the following chard of about a hundred peach trees, cultiin raising honey bees in the mountainous re- vating corn and root crops between. Most of the trees died within three or four years from the setting, and scarcely a dozen remain at We purchased five hives of bees, direct from the present time. When the trunks are close-

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Herb and Root Teas. - All herb and root run in cold, bleak pastures. When cold, they kept running night and day for six days in the did display of eggs and larvæ, were destroyed teas should be made with the same care as inhale more oxygen; the result is a cumbusweek. The product is not far from two galbefore the swarms were put down at our domition of more of the carbon or oily part of the green tea. Steep them in earthen, tightly lons of oil to a bushel of seed, a little more or cil. A week after their arrival not more than closed, and use the drinks while fresh. Most less, according to the quality of the seed and a pint of bees was left in all. These were the skill in pressing. The cakes as taken put into two hives, and small portions of the nurses imagine that herb teas are boiled herbs. mannannann from the press, are sometimes sold by the tun unbroken comb were given them. During the The infusions loose life as readily as green. Sorghum Sugar .- A letter to the Sun, from