Horticultural.

ORCHARD NOTES.

Danger from frost seems almost over for orchards. The trees have generally leaved out so well that the foliage can protect the fruit. It is not the frost that kills the fruit but the melting of the frost by the sun does the injury. If the sun strikes the young germ when it is frost bitten the effect is to destroy it, whereas, if a fog comes and the frost melts without the sun on it, no harm is done. The shelter of green leaves also is a protection. The leaf is now so well grown that it will keep the sun from the fruit and we need hardly expect harm to come after this date, May 10. So far as we have been able to observe there is a wonderful prospect for a yield of fruit. Already cherries are larger than peas, plums and prunes are well set and pears have quite a showing. The danger seems to be that fruit will set too thick. May is said to be a good time to work in orchards, prune and thinning the wood and balancing the tree well. A correct eye can put a tree in such perfect proportions that it will be urn shape or round headed as you please and as the nature of the tree is inclined. It is now too late to set out trees but not too late to talk the matter over. It seems as if there was every inducement for those who have a talent that way to engage in fruit farming. We have plenty of evidence that it can be made profitable.

ONIONS AS A CROP.

It is not too late as yet to plant onions and we call consideration to the value of onions as a crop for the farm, a crop that will not require much land to pay a large return if it succeeds well. The onion grown for a regular crop comes from the seed. The common onion set is merely used to grow young and early onions in market gardens. We remember over forty years ago spending a season in an onion field in Connecticut, where a well manured and well cultivated acre of land would produce a thousand bushels. The land was highly cultivated, highly manured, made fine as soil could become. The seed was sown in drills and the weeding and thinning out done carefully by hand as we crawled lengthwise along and straddling the rows, with an old case knife in hand, heated to take out the temper and bent so as to make a sharp hook to cut out the weeds and surplus onions. It may be that there are better ways of weeding onions now but half a dozen of us used to work that onion field for a week at a time. If land is well manured it will produce onions many years in succession and it is said to improve with cultivation. The crop depends on the amount of manure used. We have barn-yard manure and to mix with it the scrapings of the hen house and hog pen will make a very good fertilizer. Four hundred bushels to the acre is produced with ordinary care, but heavy manuring carries the yield up to 800 or 1,000 bushels. Guano, bone dust and wood ashes are recommended. It is probably possible to get guano, but bone dust is now manufactured at East Portland and every family can save wood ashes. If a compost was made of common stable manure, hen and hog manure, with some good soil to absorb and preserve the ingredients, and a mixture of wood ashes and bone dust was added the same even distributed when thoroughly mixed and decomposed, it would be likely to bring a good crop. Onions usually bring a fair price, averaging a dollar a bushel, and it would seem possible for us to produce them to good advantage and considerable profit. The demand will increase as population increases and we ought to cease bringing them from California. It is time we raised all our own vegetables and practiced mixed farming to a greater extent. The fact that to grow onions requires lots of work and the genuine Oregonian is not fond of doing exactly that labor. The result will be Chinese will soon get out of other work and will rent land and grow gardens to supply the home demand and make the profit there is in it. Boys can do the work in an onion field, after it is planted, and planting is easy, being done with a small machine that is drawn by hand. There are many old beaver dams in this valley that if well cleared and cultivated will produce enormous onions without much manure, though a little manure will warm up the soil and make it better.

A correspondent of the Husbandman says as follows concerning onion culture:

A field in Rhode Island is said to have produced onions for seventy consecutive years, and one in Scotland claims to have passed its centennial year of constant onion growing, and it is said that neither of these pieces show any ill effects from this long continued cropping. As weeds are the chief enemy of this crop, it is not policy to change the ground oftener than is necessary. Any good farm land, properly manured, will produce a good crop of onions. Hog manure is considered preferable to that from other animals, but almost any kind is good, provided it is thoroughly decomposed. Guano, bone dust, and wood ashes are excellent. It is customory to apply stable manure, or compost to the soil either before or immediately after plowing, and then use the commercial fertilizers or ashes as a top-dressing at the time of sowing the seed. The surface should be made as mellow and as smooth as the harrow and roller can make it. It is very important that the seed be sown as early as possible in the spring. Large growers use a special machine for sowing the seed. This sows two rows at once and covers the seed at the same time. About four pounds of seed are sufficient for an acre. If the land is rich the plants will not require thinning, unless the seed is sown too thick. Excellent hand cultivators are now made with the help of which a careful man can do almost the work of weeding. By means of levers operated by the hand, a sharp blade is run along each side of the row at the time, and with a careful man to operate the tool, only a few weeds are left to be pulled by hand. When the tops fall down the crop is ready to harvest. The bulbs should be pulled at once, as if allowed to remain during a hot and wet time, a portion of them may start to grow again, which will injure their keeping. Some growers pull the bulbs and allow them to remain on the ground about two weeks to dry. Others pile them in heaps after they have lain a day or two, leaving them in this condition a fortnight, after which they are again spread out for a day or two, when they are ready for storing. An excellent method is to prepare bins having a bottom sufficiently open to admit the passage of plenty of air through it, and raised a few inches above the ground. It is better to store them in rather thin layers, but in a cool and well ventilated place, they may be piled three or four feet deep without damage. Moderate freezing does not injure the bulbs, provided they do not freeze and thaw often, and are never handled while frozen.

NEW STRAWBERRIES.

Editor Willamette Farmer:

With your good will I will say a few words of some of our new strawberries. Here let me say it is much to be regretted that so many new and untested kinds are thrown upon the credulous people; for, it seems, as Barnum says, "people love to be humbugged, and are willing to pay for it, too." If this is true it exhibits in a remarkable degree the status of our intelligence. "Love to be humbugged!" Buy some new thing because it is puffed, praised and petted all over with slobber and stuffing. Tell a man something new out of which he can make money and he will go deep down into his pocket for the last "red" and pay for it freely. A lust for money is at the bottom of this, both in the traducer and traduced. Out of the immense number of new strawberries very few have proved worthy. How many berries, to-day, that are better than the old Hovey's Seedling? How many are better than the old Wilson? That there has been improvement in strawberries is true; that we have more good strawberries than we had some years ago is very true. But what I complain of is there are too many new and untried kinds sent out with a great flourish that they are "better, hardier, more productive, more vigorous in plant, the best on earth, the best in the world," etc., etc., and yet when "tried are found wanting." With in the last quarter of a century I have bought, at a high price, over forty new kinds, and thirty-five of these I have plowed under as poor, or having some bad qualities. The Wilson, Jucunda and Sharpless I still retain. I am now testing twenty-three kinds, bought at a high price per dozen—from one to two dollars a dozen. Will I get half a dozen worthy? If I get three really good ones I will be in luck, and consider myself amply paid for my trouble.

I fear I shall have to—in our damp, cool springs—discard all pistillate varieties; I had to discard the old Hovey's Seedling because it did not bear well, it being a pistillate. Col. Cheney, Park Beauty, Crescent, Big Bob, Jersey Green, Daniel Boone, Windsor Chief, Green Prolific, Golden Defiance and Manchester, are all pistillate varieties, and when pistilized are among the best strawberries we have. But here—with me at least—they do not do as well as hermaphrodite kinds. I am giving them a good trial, and if they prove a failure, away they go. In California, too, "the pistillates do no good." East of the Rocky Mountains pistillates do admirably, being the most productive varieties grown.

I am now testing, of hermaphrodite the following: The Long Fellow, Warren, Bidwell, Captain Jack, Cumberland, Triumph, Duncan, Miner's Great Prolific, Finch's Prolific, Marvin, Kirkwood, Old Iron-Clad, Ray's Prolific, President Lincoln, Prince of Berries, Atlantic, Jumbo, or "Latest of All," and some others of less note. The last three I have great hopes of.

Listen to what Durand says of his new berry, the Prince of Berries: "Superior to any berry known in flavor or quality, possessing in a greater degree than the wild berry itself that peculiar aroma for which it is so celebrated. Brilliant and beautiful in color, abundant in bearing, large size, texture exceeding fine and melting, no hard or unripe spots or tips, coloring evenly and perfectly, unsurpassed as a carrier and invariably perfecting its large crop of fruit, desirable in form, perfect in blossom, never realds either in foliage or fruit, remains a long time on the vine without injury, a superb plant, and a reliable fertilizer of all pistillate varieties."

Whew! Hurrah for Durand and his Prince of Berries. What more do we want in a berry? The other two, I wont give their description as it would rob us of all the descriptive words in our language. The Atlantic is said to be the best market berry, the Jumbo, "The Latest of All." Well, we'll try 'em. Enough now; more after strawberries are over this season.

A. F. DAVIDSON.

Send us $5 and we will send you the FARMER one year, and also to two new subscribers.

The Standard Bred Trotting Stallion,

INAUGURATION,

Will make the season of 1884, Commencing March 15 and ending July 1: On Mondays and Tuesdays at Marshall's stable, Albany; Thursdays, Fridays and Saturdays at Ford & Minto's stable, Salem.

TERMS:—Season, $30; Insurance, $45.

DESCRIPTION.—Inauguration is a dapple bay with black points, 15 hands 3½ inches high, and weighs 1160 pounds. His record in Oregon is 2:34½, got ten days after leaving the stud at Salem three years ago, and in trials has shown :29½. In California, three miles in 7:29; last mile in 2:26.

PEDIGREE.—Inauguration was sired by California Alexander, (490), by Geo. M Patchen, Jr., (31), by Geo. M. Patchen, (30), by Cassius M. Clay, (18) by Henry, (8), by Andrew Jackson, (4), by Young Bashaw, by imported Grand Bashaw.

Inaugurations dam was imported from New York by the late J. W. Brittan, and sired by the noted horse Hoagland's Grey Messenger, (155) sire of Blonde, Young Adee, Young America, Ledger Colt, Privateer, etc.

Alexander, (sire of Inauguration), got his record of 2:31¼ in the seventh heat of a race. Bud Doble drove him a trial in Sacramento in 2:26. He also trotted 3 miles in 7:54½. Of his get the following are so well known as to only need mentioning: Nellie Patchen, 2:27¼; Reliance, 2:25; Sonoma, 2:37; Tommy Dodd, 2:24; and Alexander Button, 3-yr-old record, 2:26½.

☞ Mares from a distance will be received and cared for same as owner's mares are, but will not be responsible for accidents. Mares will be charged 50 cents per week for pasturage.

aprl1tf C. T. PIRVER, Proprietor.

The Thoroughbred Stallion

Woodbury,

Will make Season of 1884, as follows:

At L. S. Scott's Livery Stable, Salem, on Fridays and Saturdays; Sundays at farm of John Kay's, Howell Prairie—where good pasturage is secured for accommodation of mares from a distance; Mondays at Dixie; Tuesdays at Dallas, and Wednesdays at Independence.

Description.—Woodbury is a beautiful mahogany bay, 13 years old, 15½ hands high, weighing 1175 lbs, 74 inches around the heart, perfect symetry, with immense power and substance stamp him second to no Stallion in America.

Pedigree.—Woodbury was sired by Woodburn; dam Moss Rose, by Imported Knight of St. George, he by Irish Bird Catcher. Woodburn by Lexington, he by Boston, he by Timoleon, he by Sir Archie, he by imp. Diomede.

I will add $500 to a sweepstake of $50 entrance, half forfeit, to be trotted for in the fall of 1887, by Woodburys foals of 1885. Contest to be one mile heats, two in three, in harness; weight of driver to be 185 lbs. The contest in all other respects to be governed by National rules; $25 to be paid 1st day of June, 1884, and $25 to be paid by 12 o'clock noon of the day of the race; to be trotted on the track that will add most money, which money shall be added to the main stake. To be divided into three moneys—60 per cent. to first, 25 per cent. to second, and 15 per cent. to third horse.

I will also add $250 to a sweepstake of $25 entrance, half forfeit; to be run for in the fall of 1887, by Woodburys foals of 1885, to be contested over the track that will add most money; added money, forfeits and entries all to go with stake, $12.50 to be paid by the first day June, 1886, and balance by 12 o'clock noon of the day of the race. Any and all stallions in all parts of the world are invited to participate on equal terms, and conditions with Woodbury in this running race. Money to be divided as follows: Fifty per cent. to first, 25 to second, 15 to third, 10 to fourth. The race to be a a single dash of three-fourths of a mile.

TERMS.—To insure, $50, payable when the mare is known to be in foal.

For further particulars see circulars, to be had by applying to D. R. WELLS, Proprietor, Salem, Oregon.

The Pure Bred Kentucky Jack

GIANT,

Bred by Robert Lee, Mercer Co., Ky.

PEDIGREE.—Giant was foaled on May 25, 1875; sired by Donald, a mammoth Jack owned by Mr. Stegall of Boyce county, Kentucky; dam Jenuet, owned by Sampson & Horrier; Jennet by Renick, owned in Woodford county, Kentucky. For three years Giant was in the stud in Kentucky, and proved to be a fine sire as well as a sure foal getter.

Terms—Season, $20; Insurance, $30.

The Fine Trotting Stallion

"MAC."

Record 2:26, Bay View Park, San Francisco.

PEDIGREE.—The following pedigree is from Wallace's Trotting Register: Mac was sired by Sawyer's Colt, he by Stockbridge Chief, he by Vermont Black Hawk. Stockbridge Chiefs dam by Sir Charles, he by Burdock Messinger, he by Diomede, son of Duroc, his dam by Messenger, he by imported Messenger, he by Membrino, his dam by Turf, grand dam by Regulus, he by Starling, he by Fox. Dam of Sawyer colt was San Jose Damsel, by Easton's David Hill, he by Vermont Black Hawk; her dam the dam of Dashaway, the celebrated two-mile horse. Mac's dam was by General Taylor, out of a thoroughbred mare imported to the State from Missouri, by — Haskell, Esq. Gen. Tayler by the famous Morse horse, he by imported Norman from France. Dam of Morse horse by Ogden's Messenger, he by imported Messenger; his dam by Katy Fisher by imported Highflyer, grand dam by Jersey Eclipse. Terms.—Season, $25; Insurance, $35.

The Imported Clydesdale

MARQUIS.

Marquis is too well known to require an extended description here. His terms are the same as Mac's.

All the above will stand as follows: at Ford & Minto's stable, in Salem, on Thursday, Friday and Saturday of each week. The remainder of the time at my farm in the Waldo Hills.

Mares from a distance pastured at $1.50 per month. No responsibility assumed for accidents or escapes, but exercise due care and caution to prevent them.

For further particulars address:

1aprlm T. J. EDMUNSON, Proprietor. Madras, Oregon.

The Imported Carriage Stallion

KING TOM

Will make the season of 1884 as follows:

Sublimity.—At G. S. Downing's, two miles north of Sublimity, on Mondays and Tuesday forenoons.

Silverton.—Tuesday afternoons and Wednesdays.

Salem.—At Ford & Minto's stable, on Thursdays, Fridays and Saturdays.

TERMS: Season, $20; Insurance, $30. Mares bred by season payable at last two rounds. Insurance when the mare is known to be with foal, or the animal is disposed of or traded off. Parties disposing of mares bred by insurance will be held responsible for the insurance money. Every care taken to prevent accidents but responsible for none. Pasturage for mares from a distance at reasonable rates.

DESCRIPTION.—KING TOM is a bright bay with black points; 16 1-2 hand high; weight 1400; free from blemish; fine carriage horse; sure foal getter.

PEDIGREE.—KING TOM was foaled in 1877; he by Old King Tom. Old King Tom is a bright bay, and stands 16 hands; bred at Woodford Farm Kentucky; foaled in 1806; got by Lexington; 1st dam, Tokay by imp. Yorkshire; 2d dam, Miss Martin, sister to George Martin, by Garrison's Fingaree; 3d dam, Gabriel, by Sir Archie; 4th dam, Irby's Jalypso, by Sellars; 5th dam, Irby's mate (the dam of Woodpecker, Laurel, imp. Hob or Nob) 10th dam, by imp. Jolly Rodger; 11th dam by Valiant; 12th dam by Tyrall, by imp. Traveler out of Blazella.

The dam of Young KING TOM was sired by Beacon; he by Sir Tatton Sykes; grand dam, by Doherty's Royal George; he by Black Warrior.

For further particulars address:

E. W. ROSSITER, Whiteaker, Ogn.

The Highly Bred Trotting Stallion

MASON CHIEF,

Will make the season as follows:

Aumsville.—Mondays, Tuesdays and Wednesdays. Salem, (at Gaines Fishers' stable).—Thursdays, Fridays and Saturdays.

PEDIGREE.—MASON CHIEF, (full brother to Girl E Queen, 2:33½ as 3-years old), brown stallion; foaled 1877; bred by Herr & Young, at Forest Park, Lexington, Ky., by Membrino Patchen, by Membrino Chief, by Membrino Paymaster, by Membrino, by imported Messenger. First dam by Richard's imported Arabian, Mokhlaid; 2d dam by Stockholder, by Sir Archie; 3d dam, by Sumter, by Sir Archie, by imported Robin Redbreast. MASON CHIEF stands fully 16 hands, has remarkable style and fine action.

TERMS.—Season $25; to insurance, $35. By reason payable July 1; insurance, when known to be with foal. Care taken to avoid accidents but no responsibility assumed. Good pasturage at reasonable rates.

Apply to G. W. PECK, aprl1tf Aumsville, Oregon.

The Thoroughbred Stallion

Al-Bute,

For a Limited Number of Good Mares,

Will make the season of 1884, from April 1 to July 1, at La Fayett,—Mondays and Tuesdays. At Home Farm,—Wednesdays and Thursdays. Salem,—At Gaines Fishers Stable, Fridays and Saturdays.

Terms:—Single service, $15; Season, $25; Insurance, $30.

DESCRIPTION.—Al-Bute is a beautiful dark sorrel, 16 hands high; won the sweepstakes for 2-year olds, at the State Fair, and in trials showed wonderful speed. Bred by Mr. Basket, of Polk county, Oregon.

PEDIGREE:—Sired by George Wilkes, he by Asteroid, out of Mollie Jackson, she by Lexington. First dam Sparrow Hawk, by Humboldt; 2d dam Mary Moss, by imported Glencoe. Humboldt, (one of Al-Bute's sires) was by Pacific Laplander, by old Laplander, he by Flagelator, he by the celebrated running horse Sea Gull, by Expedition, by Pegasus, he by the matchless horse Eclipse of England. Humboldt's dam, Julia Walker, by Lucas, he by Stockholder, he by old Sir Archie; grand dam by Juno, by Diomede; great grand dam by Jim Crack.

He will be in the care of as good a horseman as Oregon affords, who will exercise the greatest care, but all accidents are at risk of owners of mares.

MARION & LAFAYETTE TOWNSEND, Tom McCaugh, in charge. aprl1tf

Imported Clydesdale Stallion

SIR STAFFORD,

Four Years Old in July, weighed 1700 pounds the first of March, stands 16½ hands high.

PEDIGREE.—Foaled July 12, 1880; bred by A. & R. Brownlee, Boyside, Newman's Lanarkshire; sire Baron Renfrew, dam Mary of Boyside, by Cummock Jock. Baron Renfrew is one of the best breeding Stallions in Scotland.

Percheron-Norman Horse

ST. GEORGE,

Sired by WIDE-AWAKE, dam from W. C. Myer's FLEURY, grand-dam from WHITE PRINCE, great grand-dam from Dalany's DOUGLAS. He is large in size, has good style and fine action. He is a true type of his sire, WIDE-AWAKE.

These horses will stand at the Stable of Ford & Minto, Salem, from Tuesday until Saturday night of each week through the season.

Terms:—SIR GEORGE, $15 for season, $20 to insure. SIR STAFFORD, $25 for season; $35 to insure.

Fletcher & Savage, Prop.

English Draft Horse

COL. MESSENGER.

This fine stallion was raised by Mr. Newhouse, of Albany. He is 7 years old May 1, 1884, stands 16½ hands, is a dark chestnut sorrel. His sire was an imported English Draft horse and the dam goes back to Messenger stock in Ohio. This Oregon bred stallion weighs 1,500, is of excellent draft stock, far superior to the common Percheron or Clydesdale, and shows progeny that cannot be beaten in the state. COL. MESSENGER will stand for the season of 1884, as follows:

Gervais.—City Feed Stables, Monday and Tuesday.

Brooks.—At Criss' stable, on Salem road, half a mile south of Brooks, on Wednesday and Thursday.

Salem.—Fridays and Saturdays, at Ford & Minto's livery stable.

Terms: For the Season, $15; Insurance, $20.

For further particulars inquire of

F. M. WRIGHT, in charge, aprl1tf Salem, Oregon.

Oak Lawn Stock Farm.

R. W. Carey, Salem, Ogn.

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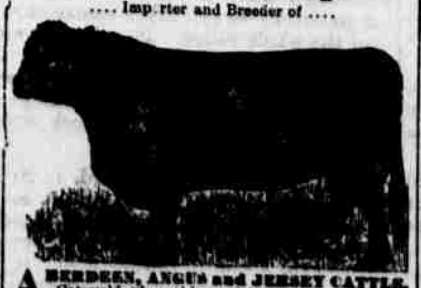

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jan19m MILLER BROS., Portland, Or.

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CABBAGE AND STRAWBERRY PLANTS, 50 cts per hundred. TOMATO PLANTS, $1.50 per hundred. Furnished in their season. I am still growing plants for the market. Send for PLANT CIRCULAR AND GARDEN MANUAL.

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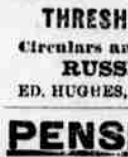

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