# Stock.

#### Characteristics of the Jersey Cow.

A descripition of the Jersey cow in the Journal of the American Agricultural Association, by Richard Goodman, Jr., of Lenox, Mass., contains the following points:

First-The Jerseys are a thoroughbred and well-established race.

Second—They possess as fully as any breed the power of transmitting their desirable qualities to their off-

spring.
Third—Having smaller bodies than any of the other leading breeds, they require less food to build up, and develop these bodies while they are growing, and they require less food for the repairs of their bodies when they have reached their full size.

Fourth-They come into profit at least a year earlier than other breeds, and thus make a saving to their owners

of a year's food, handling and housing. Fifth—They have shown a power unequaled by any other breeds, adapting themselves to the various climates and the varieties of foods of all parts of the United States.

Sixth-No cattle in this country are more quiet, gentle, hardy, prolific, or long lived.

Seventh-They are the most persistent milkers of any breed. They seldom go dry for more than six weeks; many instances are on record giving half a dozen calves in as many years without casing to give a good yield of milk.

Eight-They make more butter from given amount of food than the cows of any other breed.

cows of any other breeds.

Tenth—Their butter has a higher color in winter, as well as in summer, than that of any other breed except the

the butter of the Jersey has a richer genitors, or the possession of the elements taste, and a more lively and agreeable of those merits in the immediate parents. favor at all times of the year than that of

any other breed.

Twelfth—The butter of this breed, in texture and grain, has no equal. Its the leadership over their fellows, and by firmness, its freedom from salvy chartheir influence contributing greatly to acter in the heat of summer, is particularly noticeable.

Thirteenth-There is no breed which has been crossed upon the common stock of the United States with more im-mediate or more satisfactory results.

#### Crossing for Mutton.

A. N. W., Monmouth, Kan .- Will you or some of your many readers advise me what bucks to use on common ewed to increase both wool and carcass. Mutton is the leading desire. I have beard of the Shropshires and Hampshires. What is the difference in the two, if any?

REPLY.-The Shropshire and Hampshire sheep are not greatly dissimilar They are each somewhat larger and coarser than Southdowns, giving heavier fleeces of longer wool. The mutton is of excellent quality. Both are prolific and mature early. The Hampshire is especially noted for the great size made by its lamb. This is partly because the milder climate of southern England permits breeding much earlier than can safely be allowed further north. The Hampshires have not been so largely introduced into this country as the Shrop the long-wool breeds, Cotswold, Lincoln or Leicester, would give a large increase in size and, probably, give heavier fleece than the cross with either of the Down breeds. The mutton would not be quite so good, and the dark faces and legs of the Downs cross would be in favor of that cross, as this dark color is coming to be counted a sign of the best mutton. The writer would give the preference to the Shropshire from the statement made There is abundant room for difference of opinion —Breeder's Gazette, Chicago,

#### Feeding Calves.

to their digestion. Many who have only thoroughred calves allow them to run with their dams, the most healthful method possible; but with the ordinary dairy cows this cannot be done. It will not pay to do it, and the calf must be grown on skimmed milk if at all. Some are very successful in this, and others have difficulty. The calves do not eat well, or they have the "seours" or other troubles of indigestion. A great portion of the difficulty may be removed by feed-ing only sweet milk in the beginning and at a proper temperature. who have had much experience consider more frequent feeding the great proven-tative of disease. Mr. E. Burnett of Masschusetts, an experienced dairyman, said at the Vermont dairyman's meeting the difference between feeding calves three times a day and twice a day might seem a small matter, yet in his experience it frequently made the difference between the live call and a dead one. Calves allowed to run at large with their dams take their food at short intervals and therefore little at a time; or, even if they

take it from the cow twice a day, they are much longer in getting their fill and get it the right temperature and in a more natural way. When they are fed from the pail they take it very fast and very little saliva is mixed with it to prepare it for digestion. The intervals be-tween feedings are frequently fourteen hours, and if the calf gets a large quantity of milk not at the right temperature, and swallowing it in a few moments, no wonder it has indigestion or some other trouble. The only wonder is that so many live through that are treated this way. A better plan which Mr. Burnett suggests, and which has been tried by others with good results, is to feed the calf three times per day, giving only the same milk that would be fed in the other way, and never to overfeed. Excessive feeding after a long fast has a very in-jurious effect on all animals, and specially young ones, and if it does not kill them outright, will weaken their digestion and do them permanent injury. Let those who have had trouble with their calves try this way of feeding three times, and take pains to have the milk at the right temperature and never over-feed. Probably many calves that die suddenly, and, as is supposed, from un-known causes, are the victims of in-judicious and overfeeding. The stomach becomes so distended that it cannot act, the food sours and poisonous gas is formed and the animal dies in a few hours.

#### Accident or Design.

We are quite disposed to accept the term "happy accident" as it is commonly used, to signify the production of a very superior animal from mediocre or from ordinarily good parents, and intended to bear the meaning that the animal's Ninth-They will make more butter superior properties are not inherited, but in twelve running months than will the are of spontaneous and sudden origin, the result of a sport of nature. In all the cases which we have examined (and they belong to various breeds) we find evidence of either the existence of the same merits in some ancestor, and in the Eleventh-The milk, the cream and animal which excels its nearer pro-

In the history of most improved breeds, we find animals—sires the more prominently-thus springing into notice, taking the rise and progress of their breed. Such sires did not drop out of the clouds, nor were they, we maintain, the sons of iparents bred without design. Progressive improvement is in itself evidence of design. It may not be always evenly progressive, but, on the contrary, sometimes making unexpectedly rapid advance, at other times, by its slowness, disappointing the breeder's hopes; yet the step-by-step charge from a norder the step-by-step change from a nonde-script to a fixed and distinct type, bears evidence of design throughout. One breeder, or more than one breeder, breeds in one direction, with a steady aim, and succeeds in establishing, not unaccompanied by faults, certain good properties; another breeder, or more than one other breeder, breeds designedly for quite different properties, and also succeeds in fixing them, but not without accompany-ing faults. The union of the two results, perhaps, in just one instance, proves ex-ceptionally successful, and we have the "happy accident" of an animal greatly surpassing its parents in merit. -Live-Stock Journal.

#### Judging Cattle at Home.

The stock breeder who would make any progress in improvement must neither shires. These are probably now the buy, sell, nor pair for breeding without most generally popular breed in England, and would be well suited for the purpose of our correspondent. Either of must be the prelude to every step he takes. or he will assuredly find, as it is impossible to stand still, that he is slipping backward, and losing improvements which other men, by the exercise of sound judgment, have gained. But breeding to meet the demands of ordinary trade is not quite the same as breeding for exhibition. The judging of our own stock, at home, must necessarily differ from the judging of strange animals in competition for prizes. The latter must be judged upon their evident merits as they stand before the judge, the animals at home upon their personal merits and known capabilities combined. Like Goldsmith's Dr. Primrose, who chose his Cows are now so high in price that it will pay to raise nice heifer calves for the dairy, provided they can be raised on skimmed milk. There is frequently some difficulty in doing so and have them always do well, as the milk is not always in the right condition and suited to their digrestion. Many who have only animals that pay most liberally for their food, housing, and the care bestowed upon them, and, consequently, best interest their owner's capital, are the animals worthy of his highest commenda-tion.—Live Stock Journal.

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"One year ago I was induced to try Avra's Pills as a remedy for Indigestion, Constitution, and Hendachs, from which I had long been a great sufferer. Commencing with a dose of five Pills, I found their action casy, and obtained prompt relief. In continuing their use, a single Pill taken after disnor, daily, has been all the medicine I have required. Avra's Pills have kept my system regular and my head close, and benefited me more than all the medicines ever hefore tried. Every person similarly afflicted should know their valua. 132 State St., Chicago, June 5, 1881.

M. V. WATSON."

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Dr. J. C. Ayer& Co., Lowell, Mese

TORPID EDWELS,
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From these sources arise three fourths of the diseases of the human race. Those symptoms indicate their existence: Loss of Appetite, Bowels costive, Sick Headacher, fullness after cating, aversion to exertion of body or mind, Eructation of food, Irritability of tetaper, Lower of food, Irritability of tetaper, Lower of food, Irritability of tetaper, Lower of the July Dizziness, Fluttering at the Heart, Bots before the eyes, highly colored Urine, CONSTIPATION, and demand the use of a romedy that acts directly on the Liver, Asa Liver medicine TUTT'S FILLS have no equal. Their action on the Kidneysand Skin is also prompt; removing all impurities through these three "scavengers of the system," producing appatite, sound digestion, regular stools, a oler, eximandar vigorous body. TUTT'S FILLS cause no nausea or griping nor interfere with duity work and are a perfect.

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GRAT HAIR OR WHISKERS changed instantly to a GLOSSY BLACK by a single application of this DYR. Sold by Druggists, or sent by express on receipt of \$1.

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The Standard Bred Trotting Stallion,





### INAUGURATION.

Will make the season of 1884,

Commencing March 15 and end ng Joly 1: On Mondays and Tuescays at Mar-hall's stable, Albany; Toureslays, Frideys and Saturdays at Ford & Minto's stable, Salom.

TERBES: Season, 830; Insurance, 845.

DESCREFTION.—Insugurat on is a dapple bay with black points, 15 hands 31 inches high, and weights 160 pounds. His record in Ore.on is 2.34), got ten days after leaving the stud at Salem three years ago, and in trials has shown 2.96). In California, there miles in 7.29; last mile in 8125.

FEDSGREE,—Insugurs ion was aired by California Alexander, (490), by Goo, M Patchen, Jr., (31), by Goo, M. Patchen, (30), by Cassius M. Clay, (18) by Henry, (8), by Andrew Jackson, (4), by Young Ba.haw, by imported Grand Bashaw.

Insururations dam was imported from New York by the late J. W. Brittao, and sired by the noted horse Housland's Grey Messenger (156) sire of Flonde, Young A ice, Young A m.rica, Ledyer Colt, Privatoer, etc.

Alexander, (sire of Insuguration), got his record of 2.31; in the seventh heat of a race. Bud I oble drove him a trial in Sacramento in 2.31. He also trotted 3 miles in 7.34;. Of his get the following are so well known as to only need mentoning: Kellie Patchen, 2.77; Reliance, 2.75; Sonoms, 2.37; Tommy Dodd, 2.24; and Alexander Button, 3-y-old record, 2.20j.

EM Marce from a distance will be received and cared or mane as owner's marce are, but will not be responsible for accidents. Marcs will be charged 50 cents per week for p sturage.

C. T. PEESEE.

Aprilt

# The Thoroughbred Stallion Woodbury Will make Season of 1884, as follows:

Will make Season of 1884, as follows:
At L. S. Scott's Livery Stable, Salem, on Fridays and
Saturdays; Sundays at farm of John Key's, Howell
Prairie—where good pasturage is secured for accommodation of marcs from a distance; Mendays at Diane;
uesdays at Dallas, and Wedresslays at Independence.
Bescription, —Woodbury is a beautiful managany
bay, 13 years old, 14h hands high, weighing 1175 lbs,
74 inches around the heart, perfect symetry, with immenne 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,

Boston, he by Timoleon, he by Sir Archie, he by hop, i formede.

I will add \$500 to a sweepstake of \$50 entrance, half forfeit, is be trotted for in the fall of 1887, by Woo burys foals of 1885. Contast to be one mile hears, two in three, in harness, weight of driver to be 188 bit. The west through the scason. \$20 to insure. Six 55 to be paid by 12 o'clock noon of the day of the race; to be trotted on the track that will add nost money, which money shall be aday 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 nost money, which money shall be added to the main stake. To be divided into three moneys—60 perc int. 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 fer in the fall of 1887, by Woodburys foals of 1885, to be contested over the track that will add noost money, forfeits andentries will be go with stake, \$12.50 to be paid by the first day. June, 1886, and balance by 12 o'c ock noon of the day of the race. Any and all stallions in all parts of the second, 150 to third, 10 to fourth. The race to be second, 150 to third, 10 to fourth. The race to be a single dash of three-fourths of a mile.

TERMS—To insure, \$30, payable when the mare is known to be in foal.

For further particulars see circulars, to be half by applying to

B. K. WELLS, Properietor, Salem, Oregon.

Salem, Oregon.

Terms: For the Sasson, \$15, insurance, \$20.

# The Pure Bred Kentucky Jack

GIANT,

Rred by Robert Lee, Morcer Co., Ky.

PEBIGIRE...-Giant was fealed on May 25, 1872;

s red by Donald, a mammoth Jack owned by Mr. Stegali
of Boyce cennty, Kentucky; dam Jeneet, owned by
Sampson & Harrier' Jennet by Renick, owned by
Son ford county, Kentucky. For three years Giant
was in the stud in Kentucky, and proved to be a fine
sire as well as a rure foal getter.

Terms--Scason, \$50: Insurance, \$50.

The Fine Trotting Stallion

The Fine Trotting Stallion

"MAC."

Becord 2:16, Ray View Park, San Francisco.

PEBSERER. - The following pedigree is from Wallace's Trotting Register: Mac was sired by Sawner's Coll, he by Sermont Slicel Hawk. Stockbridge Chiefs dam by Sir Caarles, he by Iturdeck Mosninger, he by Disposed, son of Durce, his dam by Mosnenger, he by Imported Messenger, he by Starling, he by Yex. Dam of Sawner Coll was San Jose Damed, by Easton's David Bill, he by Vermont Slack Hawk; her dam the dam of Dashaway, the celebrated two-mile horse. Mac's dum was by General Taylor, out of a thoroughtered mare imported to the State from Messouri, by — Hashell. Eng. Gen. Taylor by the Familian Microscopies horse, he by Imported Mornand from Erance. Pam of Morse horse by Opden's Messenger. he by imported Messenger is not dam by Lyrey Ecolips. Termas. Science, 625; Insurance, 520.

#### The Imported Clydesdale MARQUIS.

on to prevent them.

### The Imported Carriage Stallion KINC TOM

Will make the season of 1884 as fellows

Will make the season of 1884 as follows:

Subblinity.—At G. S. Downing's, two miles north of Sub imity, on Mondays and Tue-day forencome.

Silve-fon.—Tue day afternoons and We decedays. Salem.—At Ford & Minto's stable, on Thursdays. Fridays and Saura ave.

TERMS: Season. \$50; Insurance, \$50. Marcs bred by season payable at last two rounds. Insurance when the marc is known to be with foal, or the animal is disposed if or traded off. Parties disposing of marcs bred by its surance will be held responsible for the insurance money. Every care taken to prevent accidents but respon ib for none. Lasturage for marcs from a i-table of reasonable rates.

DESCRIPTE.—KING TOM is a bright bay with thick points; but reasonable rates.

DESCRIPTE.—KING TOM was toded in 1877; be by Old King Tom. Old King Tom is a bright bay, and chard. 18 honds; bred at Woodford Farm Kensucky; tooked it 1866; got by Lexinatin; last dam, Tokay by imp. Yorkshire; 23 dam, Miss Martin, sistent to G rige Martin, by Garrison's Fingarce; 3d dam, Garrish by Sir Archie; 4th dam, Ithy's Salpso, by Sellars; 5th dam, Irby's mate (the dam of Woofferd Farm, Mensucky; tooked; 4th dam, Ithy's Jarpso, by Sellars; 5th dam, Irby's mate (the dam by Varil, by imp. Traveler out of Bazella.

The dam of Young KING TOM was sired by Beacor; he by Sir Tatton 'ykes; prand dam, by Doher y's Exal George; he by Black Warrior.

For further particulars address:

E. W. ROSSITER, Whiteaker, Ogn.

#### The Highly Bred Trotting Stallion MASON CHIEF.

# The Thoroughbred Stallion

### Al-Bute, For a Limited Number of Good Marca,

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

Termss—Single service, \$15; Season, \$25; Insurance

Tormast—Single service, \$15; Season, \$25; Insurance, \$30

DESCREPTION.—Al-Bute is a beautiful dark servel, 15 hands high; won the sweepstakes for 2-year olds, at the State Fair, and in trais showed wonderful speed. Bred by Mer. Basket, of Polt county, Oregon.

FEDBLEER—Sires by George Wilkes, he by Asteroid, out of Molle Jackson, she by Lexington First dam Sparrow Hawk, by Humboldt; 2d dam Mary Mess by imported Glencoe. Homboldt, (one of Al-Bute's sire) was by Parific Lap'ander, by old Laplander, he by Figelator, he by the celebrated running horse 3-a Gull, by hyspelifon, by Pegasuus, he by the matchies horse Eclipse of England. Humboldts dem. Julia Gull, by Aspedifon, by Yuno, 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.

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Tom McCamgh, in charge.

### Imported Clydesdale Stadion SIR STAFFORD

Four Years old in July, weighed 1789 pounds the first of March, stands 16] hands high.

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

# Percheron-Norman Horse

ST. GEORGE, SIR STAFFORD, \$25 for season, \$25 to insure.

SIRS STAFFORD, \$25 for season, \$27 to insure.

This fine stallion was raised by Mr. Newhouse, of Albany. He is 7 years old May I, 1881, stands 164 hands, is a dark chestont sorrel. It is size was an imported English Draft horse and the dam gues book to Mossenger stock in Ohio. This Oregon bred stallion weights 1,000, is of excellent draft stock, far superior to the common Percheron or Clydesdale, and shows progony that cannobe besten in the state. COL MESSENGER will stand for the season of 1884, as follows:

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sery stable.

For the Sasson, \$15, Insurance, \$50.

For further particulars inquire of

F. M. WRIGHT, in charge,

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Salem, Gregon.

# Oak Lawn Stock Farm.

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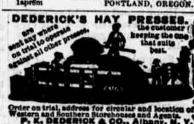
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