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## THE SUMMER BOARDER.

**The Airs She Assumes on the Boarding House Piazza.**

The summer boarder is abroad in all her glory. One uses "her" advisedly for somehow the male adult rarely poses as the summer boarder. He stands it over Sunday, perhaps, but a consecutive fortnight of unadulterated summer boarding house life would, as he tells his neighbor in the smoking car as they are being whirled from the city on Saturday, put him in Bloomingdale at the end of it—and his neighbor agrees with him. So the summer boarder has come to be a noun of the feminine gender. The genus is the same, the species is several.

Perhaps, says the New York Times, the most interesting as a study is the woman of forty or thereabout, who, as housekeeper all the rest of the year, becomes for six or eight weeks in the summer a boarder. At home she is a simple, more or less practical woman; in her new environment she becomes quite a different being. She finds herself on her arrival invested with the transient halo of the last-comer, and she feels that to this circle of strangers she may present whatever personality she desires. So she takes on a few little mannerisms and affectations which she has some time admired in another woman. She does not usually say "calmt" or "either," she says both now. She wears her best wrapper to breakfast and puts up her hair every morning in the way she puts it up every afternoon at home. The children have always called her "ma;" she teaches them to say "mamma" here, and they do when they think of it. They, like herself, enjoy the importance of good clothes all day, and try instinctively, at first at least, to live up to it.

Meantime, their mother gets acquainted with the piazza ladies, reads their books, admires their fancy work, imitates some of it, perhaps, learns all they know of one another, talks glibly to them of her home and surroundings, and remembers every time to speak of her one servant as a "maid," to call the sitting-room, with the children's school books and the encyclopædia in it, the library, and to expand the somewhat scrubby yard about the house into a lawn.

And she has a beautiful time, unless, as occasionally happens, somebody from her town—somebody who knows all about her—arrives. Then she is crushed. It is not that she has actually said or acted anything alarmingly untrue. In point of fact, she has imposed upon nobody. But she thinks she has. It is from her own exaggerated height, the pedestal upon which in fancy she has placed herself in the eyes of others, that she falls. And if the newcomer announces a stay of any length, our heroine, if possible, makes a change of abode. She packs her trunks, finding a brief consolation in the distinction of coming departure, and with her children makes her exit, to resume—on another stage till the season is done—her role of summer boarder.

**Horses in War.**

The people of Thessaly were the first to break horses for service in war, and their proficiency as equestrians probably first gave rise to the ancient myth that their country was originally inhabited by centaurs, fabulous creatures supposed to be half horse and half man.

**A New Sort of Carillon Bells.**

The "Codonophone," invented by M. Lacape, and now employed in place of a carillon bell at the Parisopera seems to consist of the hollow musical tubes which have for some time past been in use in this country, but which in Paris are now played by means of a keyboard and hammer mechanism. The result is said to be thoroughly satisfactory.

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Cattle branded and ear marked as shown above. Horses F on right shoulder.

My cattle range in Morrow and Umatilla counties. I will pay $100.00 for the arrest and conviction of any person stealing my stock.

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# FARM AND GARDEN

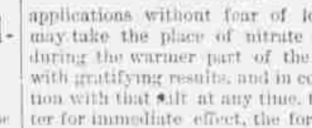
## MANURES FOR THE GARDEN.

**Nitrates, Wood Ashes and Other Specific Fertilizers Employed by Gardeners.**

No other single manurial element gives to the gardener the opportunities and possibilities that he finds in nitrates, especially in the form of nitrate of soda, says Greiner, in his "How to Make the Garden Pay." The effects of this salt on many garden crops is remarkable and can generally be observed within a few days after its application in the darker foliage and thrifty growth. It is readily soluble and its nitrogen is in right form for immediate absorption by the roots of plants. The natural process of converting unavailable nitrogenous matter into soluble nitrates is very slow in early spring. In nitrates we have just the element of plant food needed, and by applying it in small quantities, as fast as the plants can utilize it, we can stimulate thrifty growth of foliage at a small cost.

Nitrate of soda contains about 16 or 17 per cent. of nitrogen, but this in a most soluble form, so that it would not be safe to use it in large quantities at a time, for what is not at once converted into plant structure will gradually sink through the soil and be lost. The most economical method is the application of not over 100 pounds to 150 pounds per acre, repeated at intervals of about two weeks. If lumpy, pound fine before applying it. Scatter it over the ground when the foliage of plants is dry, as it is apt to scorch the leaves otherwise, or still better, apply just before or during a rain, when it will be dissolved and carried into the soil at once. Sprinkling over the land in solution is a safe but generally less convenient mode of application.

Sulphate of ammonia is slower, but more lasting in its effects, and it can be applied in larger quantities or in single



SPINACH FED WITH NITRATES, ETC.—AS USUALLY GROWN.

applications without fear of loss. It may take the place of nitrate of soda during the warmer part of the season with gratifying results, and in combination with that salt at any time, the latter for immediate effect, the former as a more gradual source of supply. The price of sulphate of ammonia is a trifle higher than that of nitrate of soda. Hen manure, which is especially rich in nitrogen, Greiner composts with loam, muck, leaves, etc., and applies after plowing broadcast, and stirs into the surface soil by means of harrow, cultivator and rake. In the cut is shown spinach grown on ground manured with one ton per acre of high grade complete fertilizer and a good topdressing of composted hen manure, with frequent but very light applications of nitrate of soda, also spinach, fed in the usual way with stable compost.

In cotton seed meal we have another nitrogenous manure of special value for the market gardener, but as yet very little appreciated. A ton contains about 140 pounds of nitrogen, 60 pounds of phosphoric acid, and 40 pounds of potash. When mixed and composted with stable manure it increases the comparative amount of nitrogen of the latter, and therefore its effectiveness. Gardeners who keep stock should feed cotton seed meal. It then gives double return, namely, in increase of flesh and improvement of manure. Where nitrate of soda, on account of distance from source of supply and consequent high cost, cannot be used advantageously, cotton seed meal can often be had at a comparatively low price, and should then be used in place of the nitrogen compounds.

Potash in any special form is hardly ever needed for the crops on common garden land, since stable compost and the average high grade complete fertilizer supply an abundance, and often an excess of it, to the crops already. A different thing it is with peaty and mucky soils. These have already an abundance of the nitrogenous element, although mostly in fixed combinations, and hence in an unavailable form. On the other hand the mineral elements are scantily supplied. Stable manure would add a comparatively large amount of nitrogen at great expense to the already vast store, and but small quantities of phosphoric acid and potash. Such lands, for that reason, can be made productive in the cheapest and quickest way by applications of phosphoric acid and potash in the form of a plain superphosphate or bonemeal in combination with wood ashes.

**Concerning Silos.**

It has been demonstrated over and over again, says Hoard's Dairyman: First—That there has been no way yet discovered whereby any man, be he rich or poor, can harvest, shelter and keep from waste fodder for cows, whether few or many, so cheaply, expeditiously and certainly as by storing same in a silo. While the preponderance of testimony is decidedly in favor of cutting the corn or clover or whatever may be put in the silo, it is nevertheless true that not a few farmers prefer to put it in whole. In the latter case it will be unnecessary to buy or hire a cutter and power to run it, and this item of expense may be deferred. Second—One acre of corn will yield more and better feed when put in silo than two acres of meadow or three acres of pasture. Third—Good, sweet silage, in quantities from forty to sixty pounds per day, may be fed to any healthy cow without injuring her milk for any purpose whatever. Fourth—The poor man, of all others, is the one who cannot afford to do without a silo.

**Glue Coated Grapes.**

East they spray grapes with the Bordeaux mixture—a kind of whitewash stuff. One farmer found it did not stick to the fruit well so he added glue and glued it on so finely that no one would buy his grapes.

Note the growing demand for good bacon. Rangy breeds, with tender, lean, juicy meat, will fill the bill.

A horse has a small stomach and active digestion. The food therefore should be of the highest nutritive quality, with as little waste matter as may be.

The milk value of shade trees in pastures is conceded by all progressive dairymen.

## NEW PEAS.

**Varieties Tried Last Season and Reported Upon by The Rural New Yorker.**

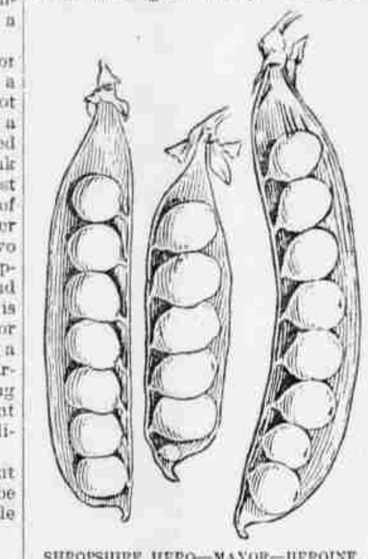
The varieties tested were Shropshire Hero, Heroine, Mayor, Admiral, New Dwarf Prolific and Nott's Excelsior. All were planted April 1. Following are notes made concerning them:

Shropshire Hero—Vines 2½ by 3 feet; vigorous like those of Stratagem; large leaves; extra large pods; about eight large seeds to the pod. Prolific, intermediate.

Heroine—Vines not quite so tall as Shropshire Hero; same foliage; matures same time; pods as large; better filled; seeds large; equally prolific. It is of the Stratagem order.

Mayor—Vines 2½ feet; ripens after Heroine and Shropshire Hero two or three days; pods medium sized, not well filled.

Admiral—It may be said for this that it bears for a long time, the later pods being exceptionally well filled, so that the pod is crowded as the catalogue illustrations are often made to appear; the pods, though under size, often hold eight small sized seeds; vines five feet tall, branching and thrifty. It may fur-



SHROPSHIRE HERO—MAYOR—HEROINE.

ther be said that the pods are all uniform in shape and size. The variety seems to be thoroughly fixed and carefully selected.

New Dwarf Prolific is a smooth late dwarf pea. Vines very bushy and branching eighteen inches tall. It was at its fullest bearing July 19. Vines full of peas, pods medium to small, generally well filled, about six to a pod. Seeds vary from small to medium, and large. Vines uniform as to size—no rogues. The most prolific dwarf we have seen. For a second planting or fall pea it may prove valuable.

Nott's Excelsior is reported as the best of the early dwarf wrinkled peas. Vines eighteen inches, more productive than Wonder or Little Gem. As early as Alaska or very nearly. Pods fair size, averaging six seeds of fair size.

To give measureable values to the trials of new peas it is of course necessary to cultivate standard varieties under the same conditions for comparison. No attempt of this kind was made last summer, but it is stated, as a matter of judgment, that the preference is given to Heroine and Shropshire Hero over any similar intermediate wrinkled pea previously tried, while Mayor, for a somewhat later pea, is worthy of trial.

**To Rid Poultry of Lice.**

Kerosene ointment is often recommended in the poultry journals as a remedy for lice. As many readers do not know just what kerosene ointment is, we give the following abstract from a report of the Michigan state board of agriculture:

Kerosene ointment may be made by simply mixing kerosene and lard or, better, kerosene and sulphur. This ointment is excellent to rid poultry of lice. It should be kept in a closed can in a poultry house, and in the summer the roost poles should often be rubbed with the ointment. An old rubber or leather glove makes this an easy and not unpleasant task. After the poultry are on the roosts some of this ointment should be placed under the wings, about the breast and legs, once in four or five weeks in the late summer. If, in addition to this, you frequently spray the house and yard when the fowls are out with diluted crude carbolic acid, and whitewash the house once a year, you will not only have a neat house but healthy birds, if the other requisites are provided. Chickens ought to be a very profitable adjunct to every farm and will be if the above suggestions are carried out and the birds well housed and fed.

**Things Said and Done.**

The general drift of opinion lately expressed appears to be that the practice of harrowing corn, both before and after it is up, is increasing in popularity.

Professor Roberts commends the plan of using land plaster in stables instead of spreading it directly on the clover. The plaster is just as effective in the clover field, and it has arrested much that would otherwise have been lost in the stable manure.

A company has been organized in New Jersey for making cranberries into jam and canning them.

"Society of the Friends of Trees" is the name of an organization in France, its object being the restoration of the forests.

The New England Homestead suggests that animals awarded first premiums at our agricultural fairs should be placed on a platform, and judges made to give their reasons for such action to the public. This is what ex-Governor Hoard, of Wisconsin, advocated at some of the Farmers' institutes last winter.

A hop picking machine has been invented in Australia.

The largest ranch devoted to blooded horses is said to be at Greeley, Colo., where there is a grass range of over 8,000 acres.

A New York World correspondent says: It is the practice among many good farmers to change the seed of oats, wheat and other small grains, as it is found that grain which has been raised and sowed on the same land year after year has less vitality in it to produce a generous crop than seed procured from another locality, even if the change has been only the distance of a few miles. Usually if a change of any distance is made it is better to bring the seed grain from the north of the location where it is to be used. Seeds from the south carried further north do not mature as well as though raised in the same or a northern latitude. The same rule applies to corn and fruit trees.

**A Plain Inference.**

Dallas—I hear that you proposed to Miss Testy last night and got a refusal?

Callous—Well as to that, she didn't bluntly refuse me; she wouldn't wound my feelings by doing that, yet the inference of her remark was plain enough.

Dallas—What reply did she make to your proposal?

Callous—She said if I was the last man on earth she might consider it.—Boston Courier.

**That Monument Fund.**

Well Dressed Gentleman (to ticket seller at elevated station)—In making change, will you be kind enough to give me five copper cents instead of the nickel?

Ticket Seller (loudly)—Here's another wealthy New Yorker going to contribute to the Grant monument. The box for the contributions is right over there, sir.—Texas Siftings.

**Science to the Rescue.**

Housekeeper—Has any way been discovered to kill the pests that destroy carpets?

Great Scientist—Yes, madam. Take up the carpets, hang them on a line and beat them with a heavy stick.

"Will that kill the insects?"

"Yes, madam, if you hit them."—N. Y. Weekly.

**Too Unanimous.**

Husband—Your jealousy of that woman is wholly unreasonable. I haven't seen her for a month.

Wife—I happen to know that you write to her every day, though.

Husband—Humph! I'm merely declining her invitations.—Judge.

**Anything But That.**

He (savagely)—Marry me!

She—If I refuse you will marry that widow?

He—I will.

She (hotly)—Then I'll marry you.—Truth.

**Good Reason.**

She—That odious Mrs. Newritch seems to think more of her dog than of boy.

He—Oh, well, the dog has a pedigree.—Life.

**Getting Better.**

"How is your wife getting on?"

"She's improving slowly. She is not well enough to attend to her household duties yet, but yesterday she was out shopping."—Puck.

**THE FLIGHT AT MIDNIGHT.**

Augustus Fitzgibbons Moran,
Fell in love with Miss McCann.
With a yell and a whoop
He cleared the front stoop
Just ahead of her papa's brogan.
—Brooklyn Life.

**Always the Way.**

"That was a great eulogy of the marriage institution that Hinkley made in his after-dinner speech last evening, wasn't it?"

"Yes. What a lovely domestic life he must have."

"Not much. Hinkley's a sworn bachelor."—Chicago News.

**Time to Leave.**

Mrs. Witherby—How long did Mr. Bangle stay the night that I wasn't at home?

Witherby—Until half-past ten.

Mrs. Witherby—Half-past ten! Why didn't he stay longer?

Witherby—Because I held four aces.—Life.

**Had Had All She Wanted.**

Mr. Smith (to Mrs. Parvenu, who has been telling him about her new house)—I suppose you will have dumb waiters in the house?

Mrs. P.—No, I shan't! I had a deaf cook once, and I vowed then never to have another crippled servant.—Jury.

**Explained.**

Mrs. Henpec (playfully)—I don't see why a big dog like that should be afraid of a little girl like you.

Little Girl—We's been together so long, I guess he thinks I'm his wife.—Good News.

**Quite the Contrary.**

Terwilliger—Miss Payne doesn't like you, old fellow. She says you're a conceited popinjay.

Jerolomon—The reason Miss Payne doesn't like me is because I am not a poppin' jay.—Chicago Tribune.

**No Suicide Allowed.**

"I wish you would get me a couple of packets of cigarettes," said the condemned murderer to the jail warden.

"Can't do it," replied the officer. "The law must be allowed to take its course."—Brooklyn Life.

**Impossible.**

Cudlip—I wish the man on the corner who grinds that beastly hand-organ would take up his quarters elsewhere.

Sapley—He can't, poor fellow. He takes up only nickels and pennies.—Truth.

**The Truss Got There.**

Mr Citimann—Where in creation is that furnished cottage I rented for the summer?

Rural Carman—Right over yonder, sir, behind your wife's trunk.—N. Y. Weekly.

**A Hint.**

Ethel—George, you remind me of an hour-glass.

George—In what respect?

Ethel—The more time given you, the less sand you seem to have.—Truth.

"Hardware" did you say? Why, yes at P. C Thompson & Co.'s stand, and the place for bargains. a

Why go hungry when the City hotel furnishes you a good meal at living rates. a

SHOEMAKER.—Ed Birbeck, a shoemaker and repairer of many years' experience, has just located in the Abraham sick building, on May street, where he is prepared to do everything in his line. Mr Birbeck is strictly a first-class workman and warrants all work. Give him a call. 14-tf

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and other bowel complaints cured and prevented by the prompt use of
**Ayer's Cathartic Pills**
They regulate the liver, cleanse the stomach, and greatly assist digestion.
**Dr. J. C. Ayer & Co.**
Every Dose Effective.

**STRAYED.**

Two sorrel horses. One of them branded "8" on the right shoulder, likewise on the right stifle.

The other was branded "8" on the right shoulder, also "R" The weight of each was about 1050 pounds

Anyone returning the same to my ranch at Eight Mile will receive a reward of $15 sw tf SYLVANUS WRIGHT.

Plenty of flour, bran, mill feed and chop always on hand at the Heppner Flouring Mills. a

**STOCK BRANDS.**

While you keep your subscription paid up you can keep your brand in free of charge.

Allen, T. J., Ione, Or. Horses G4 on left shoulder; cattle same on left hip, under bit on right ear, and upper bit on the left; range, Morrow county.

Armstrong, J. C., Alpine, Or.—T with bar under it on left shoulder of horses; cattle same on left hip.

Allison, O. D., Eight Mile, Or.—Cattle brand, O D on left hip and horses same brand on right shoulder. Range Eight Mile.

Adkins, T C, Dayville, Or—Straight mark across the thigh and two crops and a slit in the right ear; horses, J upside down on the right shoulder. Range in Grant county and Bear valley. P O address also at Hardman.

Adkins, J. J., Heppner, Or.—Horses, JA connected on left flank; cattle, same on left hip.

Ayers, Johnny, Lena, Or.—Horses branded triangle on left hip; cattle same on right hip; also crop off right ear and upper bit on same.

Blyth, Percy H., Heppner, Or.—Horses Roman cross on right shoulder. Range in Morrow county.

Bleakman, Geo., Hardman, Or.—Horses, a flag on left shoulder; cattle same on right shoulder.

Bannister, J. W., Hardman, Or.—Cattle branded B on left hip and thigh; split in each ear.

Brenner, Peter, Goosebery, Oregon—Horses branded P B on left shoulder. Cattle same on right side.

Burke, M St C, Long Creek, Or—On cattle, MAY connected on left hip, crop off left ear, under half crop off right. Horses, same brand on left shoulder. Range in Grant and Morrow county.

Bowsman, A., Mount Vernon and Burns, Or.—Cattle, A B on right hip, two crops in each ear; same on horses, on right shoulder. Range in Grant and Harney counties.

Brosman, Jerry, Lena, Or.—Horses branded 7 on right shoulder; cattle B on the left side. Left ear half crop and right ear upper slope.

Barton, Wm., Heppner, Or.—Horses, J B on right thigh; cattle same on right hip; split in each ear.

Brown, Isa, Lexington, Or. Horses IB on the right stifle; cattle same on right hip; range, Morrow county.

Brown, J. P., Heppner, Or.—Horses and cattle branded S with ox-yoke above on left shoulder.

Brown, J. C., Heppner, Or.—Horses, circle C with dot in center on left hip; cattle, same.

Brown, W. J., Lena, Oregon. Horses W bar over it, on the left shoulder. Cattle same on left hip.

Boyer, W. G., Heppner, Or.—Horses, box brand on right hip cattle, same, with split in each ear.

Borg, P. O., Heppner, Or.—Horses, P B on left shoulder; cattle, same on left hip.

Brownlee, W. J., Fox, Or.—Cattle, JB connected on left side; crop on left ear and two splits and middle piece cut out on right ear; on horses same brand on the left thigh; Range in Fox valley, Grant county.

Cain, E., Caleb, Or.—Y D on horses on left stifle; U with quarter circle over it, on left shoulder, and on left stifle on all colts under 5 years; on left shoulder only on all horses over 5 years. All range in Grant county.

Clark, Wm. H., Lena, Or.—Horses WHC connected, on left shoulder; cattle same on right hip. Range Morrow and Umatilla counties.

Cate, Chas. R., Vinson or Lena, Or. Horses H C on right shoulder; cattle same on right hip. Range Morrow and Umatilla counties.

Cochran, Chas., Ione, Or.—Horses, HP connected on left shoulder; cattle, C on both left hip and stifle. Range in Morrow county.

Cannon, T. B., Long Creek, Or.—T on cattle on right side, crop off right ear and slit in left ear. Our horses same brand on left shoulder. Range in Grant county.

Cecil, Wm., Douglas, Or.; horses JC on left shoulder; cattle same on left hip, waddles on each jaw and two bits in the right ear.

Curl, T. H., John Day, Or.—Double cross on each hip on cattle, swallow fork and under bit in right ear, split in left ear. Range in Grant county. On sheep, inverted A and spear point on shoulder. Ear marked ewes, crop off left ear, punched upper bit in right. Wethers, crop off right and under half crop in left ear. All range in Grant county.

Cook, A. J., Lena, Or.—Horses, 90 on right shoulder. Cattle, same on right hip; ear mark square crop off left and split in right.

Currin, R. Y., Currinsville, Or.—Horses, ⅝ on left stifle.

Cochran, J H Monument, Or—Horses branded I & A on left shoulder. Cattle, same on right hip swallow fork in right ear and crop off left.

Cox, Ed. S., Hardman, Or.—Cattle, C with E in center; horses, CE on left hip.

Cochran, R. E., Monument, Grant Co., Or.—Horses branded circle with bar beneath, on left shoulder; cattle same brand on both hips, mark under slope both ears and dewlap.

Chapin, H., Hardman, Or.—Horses branded 7 on right hip. Cattle branded the same.

Cross, S L, Dayville, Or—Cattle branded + two crops and a split in left ear; on horses a reversed Z on left stifle. Also have the following brands on cattle: 72 on left hip, 7 on right hip, 2 on left shoulder, two parallel bars on left shoulder. Ear marks, two crops.

Dooman, Wm., Heppner, Or.—Horses branded 40 with bar over them, on left shoulder; cattle same on left hip.

Douglass, W. M., Galloway, Or.—Cattle, R D on right side, swallow-fork in each ear; horses, R D on left hip.

Douglas, O. T., Douglas, Or.—Horses TD on the right stifle; cattle same on right hip.

Duncan, W. P., John Day, Or.—Quarter circle W on right shoulder, both on horses and cattle. Range Grant county.

Driskell, W. E., Heppner, Or.—Horses branded K inside of O on left shoulder. Cattle same on left side of neck.

Ely, J. B. & Sons, Douglas, Or.—Horses branded ELY on left shoulder, cattle same on left hip, hole in right ear.

Elliot, Wash., Heppner, Or. Diamond on left shoulder.

Fleek, Jackson, Heppner, Or.—Horses, 7F connected on right shoulder; cattle same on right hip. Ear mark, hole in right and crop in left.

Florence, L. A., Heppner, Or.—Cattle, LF on right hip; horses F with bar under on right shoulder.

Florence, S. P. Heppner, Or.—Horses, F on right shoulder; cattle, F on right hip or thigh.

Gay, Henry, Heppner, Or.—GAY on left shoulder.

Gilman-French, Land and Live Stock Co., Fossil, Or.—Horses, anchor S on left shoulder; vent, same on left stifle. Cattle, same on both hips; ear marks, crop off right ear and underbit in left. Range in Gilliam, Grant, Crook and Morrow counties.

Gentry, Elmer, Echo, Or.—Horses branded H. S. with a quarter circle over it, on left stifle. Range in Morrow and Umatilla counties.

Gilwater, J. C., Prairie City, Or.—On horses, G on left shoulder and stifle; cattle, on right side. Range in Grant county.

Hams, James, Hardman, Or.—Horses shaded heart on left shoulder; cattle same on left hip. Range in and about Hardman.

Hayes, Geo., Lena, Or.—Brand JH connected, with quarter circle over it, on left shoulder.

Hiatt, A. B., Ridge, Or.—Cattle, round-top A with quarter circle under it on the right hip. Range in Morrow and Umatilla counties.

Hinton & Jenks, Hamilton, Or.—Cattle, two bars on either hip; crop in right ear and split in left. Horses, J on right thigh. Range in Grant county.

Hughes, Samuel, Wagner, Or—T F L on right shoulder on horses; on cattle, on right hip and on left side, swallow fork in right ear and slit in left. Range in Haystack district, Morrow county.

Hall, Edwin, John Day, Or.—Cattle E H on right hip; horses same on right shoulder. Range in Grant county.

Hughes, Mat, Heppner, Or.—Horses, shaded heart on the left shoulder. Range Morrow Co.

Hunsaker, B. F., Wagner, Or.—Horses, 9 on left shoulder; cattle, 9 on left hip.

Hardisty, Albert, Nye, Oregon—Horses, AH connected, on left shoulder; Cattle on the left hip, crop off left ear.

Humphreys, J. M., Hardman, Or.—Horses, H on left flank.

Hiatt, Wm. E., Ridge, Or.—Horses branded bar cross on left shoulder; cattle same on left hip.

Hayes, J. M., Heppner, Or.—Horses, wineglass on left shoulder; cattle, same on right hip.

Ivy, Alfred, Long Creek, Or.—Cattle I D on right hip, crop off left ear and bit in right. Horses same brand on left shoulder. Range in Grant county.

Huston, Luther, Eight Mile, Or.—Horses H on the left shoulder and heart on the left stifle. Cattle same on left hip. Range in Morrow county.

Jenkins, D. W., Mt. Vernon, Or.—J on horses on left shoulder; on cattle, J on left hip and two smooth crops on both ears. Range in Fox and Bear valleys.

Junkin, S. M., Heppner, Or.—Horses, horseshoe J on left shoulder. Cattle, the same. Range on Eight Mile.

Johnson, Felix, Lena, Or.—Horses, circle T on left stifle; cattle, same on right hip, under half crop in right and split in left ear.

Kenny, Mike, Heppner, Or.—Horses branded KNY on left hip, cattle same and crop off left ear; under slope on the right.

Kirk, J. T., Heppner, Or.—Horses 69 on left shoulder; cattle, 69 on left hip.

Kirk, J. C., Heppner, Or.—Horses, 17 on either flank; cattle 17 on right side.

Kirk, Jesse, Heppner, Or.; horse 11 on left shoulder; cattle same on right side, underbit on right ear.

Kumberland, W. G., Mount Vernon, Or.—L L on cattle on right and left sides, swallow fork in left ear and under crop in right ear. Horses same brand on left shoulder. Range in Grant county.

Keeney, Eli, Heppner, Or. Horses J L and ace of clubs on left stifle. Range in Umatilla and Morrow counties.

Lesley, M C, Monument, Or—A triangle with all lines extending past both of figure on horses on left shoulder, on cattle diamond on left shoulder, split in right ear. Range in Grant county and right of John Day.

Lahey, J. W., Heppner, Or.—Horses branded L and A on left shoulder; cattle same on left hip; wattle over right eye, three slits in right ear.

Loften, Stephen, Fox, Or.—S L on left hip on cattle, crop and split on right ear. Horses same brand on left shoulder. Range Grant county.

Lieuallen, John W., Lexington, Or.—Horses branded half-circle JL connected on left shoulder. Cattle, same on left hip. Range, near Lexington.

Lord, George, Heppner, Or.—Horses branded double H connected. Sometimes called a swing H, on left shoulder.

Maxwell, M. S., Gooseberry, Or.—Horses branded long link on left shoulder; cattle, same on left hip. Ear mark, under bit in left ear.

Minor, Oscar, Heppner, Or.—Cattle, M D on right hip; horse, M on left shoulder.

Morgan, S. N., Heppner, Or.—Horses, M ) on left shoulder; cattle same on left hip.

McCumber, Jas. A., Echo, Or.—Horses, M with bar over on right shoulder.

Mann, B. H., Lena, Or.—Horses—old mares ZZ on right hip; young stock, small zz on left shoulder.

Morgan, Thos., Heppner, Or.—Horses, circle T on left shoulder and left thigh; cattle, Z on right thigh.

Mitchell, Oscar, Ione, Or.—Horses, 77 on right hip; cattle, 77 on right side.

McLaren, D. G., Brownsville, Or.—Horses, Figure 5 on each shoulder; cattle, M2 on hip.

McKern, W. J., Mount Vernon, Or.—XI on cattle on right hip, crop in right ear, half crop in left; same brand on horses on left hip. Range in Grant county.

McCarty, David H., Echo, Or. Horses branded DM connected, on the left shoulder; cattle same on hip and side.

McGirr, Frank, Fox Valley, Or.—Mule shoe with toe-cork on cattle on ribs and under in each ear, horses same brand on left stifle.

McHaley, G. V., Hamilton, Or.—On horses, S with half circle under on left shoulder; on Cattle, four bars connected on top on the right side. Range in Grant County.

Neal, Andrew, Lone Rock, Or.—Horses A N connected on left shoulder; cattle same on both hips.

Nordyke, E., Silverton, Or.—Horses, circle 7 on left thigh; cattle, same on left hip.

Oliver, Joseph, Canyon City, Or.—A 2 on cattle on left hip; on horses, same on left thigh. Range in Grant county.

Oiler, Perry, Lexington, Or.—P O on left shoulder.

Olp, Herman, Prairie City, Or.—On cattle, O LP connected on left hip; horses on left stifle and wattle on nose. Range in Grant county.

Pearson, Olave, Eight Mile, Or.—Horses, quarter circle shield on left shoulder and 24 on left hip. Cattle, fork in left ear, right cropped. 24 on left hip. Range on Eight Mile.

Parker & Gleason, Hardman, Or.—Horses IP on left shoulder.

Piper, J. H., Lexington, Or. Horses, JE connected on left shoulder; cattle, same on left hip, under bit in each ear.

Patberg, Henry Lexington, Or.—Horses branded with a Roman cross on left shoulder; cattle branded with Roman cross, bar at bottom, on left hip.

Pettys, A. C., Ione, Or.; horses diamond P on left shoulder; cattle, J H J connected, on the left hip, upper slope in left ear and slit in the right.

Powell, John T., Dayville, Or—Horses, JP connected on left shoulder. Cattle OK connected on left hip, two under half crops, one on each ear, wattle under throat. Range in Grant county.

Rickard, G. D., Canyon City, Or.—F C on left shoulder, on horses only. Range Canyon creek and Bear valley, Grant county.

Reed, Andrew, Hardman, Or.—Horses, square cross with quarter-circle over it on left stifle.

Rennigger, Chris, Heppner, Or.—Horses, C R on left shoulder.

Rice, Dan, Hardman, Or.; horses, three panel worm fence on left shoulder; cattle, DAN on right shoulder. Range near Hardman.

Roach, Wm., Long Creek, Or.—Brands horses R on right shoulder. Range Grant and Morrow counties.

Royse, Aaron, Heppner, Or—Horses, plain V on left shoulder; cattle, same brand reversed on right hip and crop off right ear. Range in Morrow county.

Rush Bros., Heppner, Or.—Horses branded X on the right shoulder; cattle, IX on the left hip crop off left ear and dewlap on neck. Range in Morrow and adjoining counties.

Rust, William, Pendleton, Or.—Horses R on left shoulder; cattle, R on left hip, crop off right ear, underbit on left ear. Sheep, R on weathers, round crop off right ear. Range Umatilla and Morrow counties.

Rector, J. F., Lexington, Or.—Horses branded A R on right shoulder, vent quarter circle over brand; cattle same on right hip. Range Morrow county.

Royse, Wm. H., Dairyville, Or—RR connected with quarter circle over top on cattle on right hip and crop off right ear and split in left. Horses same brand on left shoulder. Range in Morrow, Grant and Gilliam counties.

Ritter, J. F., Ritter, Or—Three parallel bars with bar over on horses on left hip; on cattle, left side two smooth crops, two splits in each ear. Range in middle Fork of John Day.

Sexton, J. W., Heppner, Or.—Horses, JC on left shoulder. Cattle, O on right hip.

Spickall, J. W., Gooseberry, Or.—Horses branded 31 on left shoulder; range in Morrow county.

Sprag, J. F., Heppner, Or.—Horses branded 21 connected on right shoulder. cattle same on both hips.

Sailing, C C Heppner, Or—Horses branded 8 S on left shoulder; cattle same on left hip.

Swaggar, B. F., Lexington, Or.—Horses 2 with dash under it on left stifle cattle H with dash under it on right hip, crop off right ear and wadled on right hind leg. Range in Morrow, Gilliam and Umatilla counties.

Swaggart, A. L., Elba, Or.—Horses brande 2 on left shoulder; cattle same on left hip. Crop on ear, wattle on left hind leg.

Straight W. E., Heppner, Or.—Horses shaded J S on left stifle; cattle J S on left hip, swallow fork in right ear, underbit in left.

Sapp, Thos., Heppner, Or.—Horses, S A P on left hip; cattle same on left hip.

Swartz, James, Long Creek, Or.—Horses, 3 on left stifle and ⌒ over 2 on left shoulder.

Shriner, John, Fox, Or.—NC connected on horses on right hip; cattle, same on right hip, crop off right ear and under bit in left ear. Range in Grant county.

Smith Bros., Susanville, Or. Horses, branded H. Z. on shoulder; cattle, same on left shoulder.

Squires, James, Arlington, Or.; horses branded JS on left shoulder; cattle the same, also nose wattle. Range in Morrow and Gilliam counties.

Stephens, W. A., Hardman, Or.; horses SS on right stifle; cattle horizontal L on the right side.

Stevenson, Mrs A. J., Heppner, Or.—Cattle, S on right hip; swallow-fork in left ear.

Swaggart, G. W., Heppner, Or.—Horses, 44 on left shoulder; cattle, 44 on left hip.

Stone, Ira, Bickleton, Wash.—Horses, keystone on left shoulder.

Smith, E. E. Lone Rock, Or. Horses branded a crossed seven on left shoulder; cattle same on left side. Range, Gilliam county.

Sperry, E. G., Heppner, Or.—Cattle W C on left hip, crop off right and underbit in left year, dewlap; horses W C on left shoulder.

Thompson, J. A., Heppner, Or.—Horses, ⚲ on left shoulder; cattle, ⚲ on left shoulder.

Tippets, S. T., Enterprise, Or.—Horses, C on left shoulder.

Turner R. W., Heppner, Or.—Small capital T left shoulder, horses; cattle same on left hip with split in both ears.

Thornton, H. M., Ione, Or.—Horses branded H T connected on left stifle; sheep same brand.

Vanderpool, H. T. Lena, Or;—Horses HV connected on right shoulder; cattle, same on right hip.

Wadsworth, Wm., Heppner, Or. Horses, U. L. on the left shoulder; cattle same on right hip, crop off left ear and right ear slopped.

Wilson, John Q., Salem or Heppner, Or.—Horses branded Jy on the left shoulder. Range Morrow county.

Warren, W B, Caleb, Or—Cattle, W with quarter circle over it, on left side, split in right ear. Horses same brand on left shoulder. Range in Grant county.

Wood, F. L., Dayville, Or—Heart on horses on left stifle; on cattle, 2 on left side and under bit in left ear. Range in Grant county.

Wright, Silas A. Heppner, Or. Cattle branded S W on the right hip, square crop off right ear and split in left.

Wallace, Francis, Mount Vernon, Or—Square on cattle on the left hip, upper slope in the left ear and under slope in right ear. Same brand on horses on right shoulder. Range in Harney and Grant county.

Wade, Henry, Heppner, Or.—Horses branded ace of spades on left shoulder and left hip. Cattle branded same on left side and left hip.

Wells, A. S., Heppner, Or.—Horses, 5 on left shoulder; cattle same.

Woolinger, John, John Day City, Or—On horses three parallel bars on left shoulder; 7 on sheep, bit in both ears. Range in Grant and Malheur counties.

Woodward, John, Heppner, Or.—Horses, UP connected on left shoulder.

Watkins, Lishe, Heppner, Or.—Horses branded UE connected on left stifle.

Wallace, Charles, Portland, Or.—Cattle, W on right thigh, hole in left ear; horses, W on right shoulder, some same on left shoulder.

Whittier Bros., Drewsy, Harney county, Or.—Horses branded W B connected on left shoulder.

Williams, Vasco, Hamilton, Or.—Quarter circle over three bars on left hip, both cattle and horses. Range Grant county.

Williams, J O, Long Creek, Or—Horses, quarter circle over three bars on left hip; cattle same and slit in each ear. Range in Grant county.

Wren, A. A., Heppner, Or.—Horses running A A on shoulder; cattle same on right hip.

Young, J. S., Gooseberry, Or.—Horses branded Y S on the right shoulder.