

# ROCKY MOUNTAIN HUSBANDMAN

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The ROCKY MOUNTAIN HUSBANDMAN is designed to be, as the name indicates, a husbandman's every word of the term, embracing in its columns every department of Agriculture, Stock-raising, Horticulture, Social and Domestic Economy.

## ADVERTISING RATES.

	1 in.	2 in.	3 in.	4 in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.	11 in.	12 in.
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2 weeks	3	4	5	6	7	8	9	10	11	12	13	14
3 weeks	4	5	6	7	8	9	10	11	12	13	14	15
4 weeks	5	6	7	8	9	10	11	12	13	14	15	16
5 weeks	6	7	8	9	10	11	12	13	14	15	16	17
6 weeks	7	8	9	10	11	12	13	14	15	16	17	18
7 weeks	8	9	10	11	12	13	14	15	16	17	18	19
8 weeks	9	10	11	12	13	14	15	16	17	18	19	20
9 weeks	10	11	12	13	14	15	16	17	18	19	20	21
10 weeks	11	12	13	14	15	16	17	18	19	20	21	22
11 weeks	12	13	14	15	16	17	18	19	20	21	22	23
12 weeks	13	14	15	16	17	18	19	20	21	22	23	24
13 weeks	14	15	16	17	18	19	20	21	22	23	24	25
14 weeks	15	16	17	18	19	20	21	22	23	24	25	26
15 weeks	16	17	18	19	20	21	22	23	24	25	26	27
16 weeks	17	18	19	20	21	22	23	24	25	26	27	28
17 weeks	18	19	20	21	22	23	24	25	26	27	28	29
18 weeks	19	20	21	22	23	24	25	26	27	28	29	30
19 weeks	20	21	22	23	24	25	26	27	28	29	30	31
20 weeks	21	22	23	24	25	26	27	28	29	30	31	32
21 weeks	22	23	24	25	26	27	28	29	30	31	32	33
22 weeks	23	24	25	26	27	28	29	30	31	32	33	34
23 weeks	24	25	26	27	28	29	30	31	32	33	34	35
24 weeks	25	26	27	28	29	30	31	32	33	34	35	36
25 weeks	26	27	28	29	30	31	32	33	34	35	36	37
26 weeks	27	28	29	30	31	32	33	34	35	36	37	38
27 weeks	28	29	30	31	32	33	34	35	36	37	38	39
28 weeks	29	30	31	32	33	34	35	36	37	38	39	40
29 weeks	30	31	32	33	34	35	36	37	38	39	40	41
30 weeks	31	32	33	34	35	36	37	38	39	40	41	42
31 weeks	32	33	34	35	36	37	38	39	40	41	42	43
32 weeks	33	34	35	36	37	38	39	40	41	42	43	44
33 weeks	34	35	36	37	38	39	40	41	42	43	44	45
34 weeks	35	36	37	38	39	40	41	42	43	44	45	46
35 weeks	36	37	38	39	40	41	42	43	44	45	46	47
36 weeks	37	38	39	40	41	42	43	44	45	46	47	48
37 weeks	38	39	40	41	42	43	44	45	46	47	48	49
38 weeks	39	40	41	42	43	44	45	46	47	48	49	50
39 weeks	40	41	42	43	44	45	46	47	48	49	50	51
40 weeks	41	42	43	44	45	46	47	48	49	50	51	52
41 weeks	42	43	44	45	46	47	48	49	50	51	52	53
42 weeks	43	44	45	46	47	48	49	50	51	52	53	54
43 weeks	44	45	46	47	48	49	50	51	52	53	54	55
44 weeks	45	46	47	48	49	50	51	52	53	54	55	56
45 weeks	46	47	48	49	50	51	52	53	54	55	56	57
46 weeks	47	48	49	50	51	52	53	54	55	56	57	58
47 weeks	48	49	50	51	52	53	54	55	56	57	58	59
48 weeks	49	50	51	52	53	54	55	56	57	58	59	60
49 weeks	50	51	52	53	54	55	56	57	58	59	60	61
50 weeks	51	52	53	54	55	56	57	58	59	60	61	62
51 weeks	52	53	54	55	56	57	58	59	60	61	62	63
52 weeks	53	54	55	56	57	58	59	60	61	62	63	64
53 weeks	54	55	56	57	58	59	60	61	62	63	64	65
54 weeks	55	56	57	58	59	60	61	62	63	64	65	66
55 weeks	56	57	58	59	60	61	62	63	64	65	66	67
56 weeks	57	58	59	60	61	62	63	64	65	66	67	68
57 weeks	58	59	60	61	62	63	64	65	66	67	68	69
58 weeks	59	60	61	62	63	64	65	66	67	68	69	70
59 weeks	60	61	62	63	64	65	66	67	68	69	70	71
60 weeks	61	62	63	64	65	66	67	68	69	70	71	72
61 weeks	62	63	64	65	66	67	68	69	70	71	72	73
62 weeks	63	64	65	66	67	68	69	70	71	72	73	74
63 weeks	64	65	66	67	68	69	70	71	72	73	74	75
64 weeks	65	66	67	68	69	70	71	72	73	74	75	76
65 weeks	66	67	68	69	70	71	72	73	74	75	76	77
66 weeks	67	68	69	70	71	72	73	74	75	76	77	78
67 weeks	68	69	70	71	72	73	74	75	76	77	78	79
68 weeks	69	70	71	72	73	74	75	76	77	78	79	80
69 weeks	70	71	72	73	74	75	76	77	78	79	80	81
70 weeks	71	72	73	74	75	76	77	78	79	80	81	82
71 weeks	72	73	74	75	76	77	78	79	80	81	82	83
72 weeks	73	74	75	76	77	78	79	80	81	82	83	84
73 weeks	74	75	76	77	78	79	80	81	82	83	84	85
74 weeks	75	76	77	78	79	80	81	82	83	84	85	86
75 weeks	76	77	78	79	80	81	82	83	84	85	86	87
76 weeks	77	78	79	80	81	82	83	84	85	86	87	88
77 weeks	78	79	80	81	82	83	84	85	86	87	88	89
78 weeks	79	80	81	82	83	84	85	86	87	88	89	90
79 weeks	80	81	82	83	84	85	86	87	88	89	90	91
80 weeks	81	82	83	84	85	86	87	88	89	90	91	92
81 weeks	82	83	84	85	86	87	88	89	90	91	92	93
82 weeks	83	84	85	86	87	88	89	90	91	92	93	94
83 weeks	84	85	86	87	88	89	90	91	92	93	94	95
84 weeks	85	86	87	88	89	90	91	92	93	94	95	96
85 weeks	86	87	88	89	90	91	92	93	94	95	96	97
86 weeks	87	88	89	90	91	92	93	94	95	96	97	98
87 weeks	88	89	90	91	92	93	94	95	96	97	98	99
88 weeks	89	90	91	92	93	94	95	96	97	98	99	100
89 weeks	90	91	92	93	94	95	96	97	98	99	100	101
90 weeks	91	92	93	94	95	96	97	98	99	100	101	102
91 weeks	92	93	94	95	96	97	98	99	100	101	102	103
92 weeks	93	94	95	96	97	98	99	100	101	102	103	104
93 weeks	94	95	96	97	98	99	100	101	102	103	104	105
94 weeks	95	96	97	98	99	100	101	102	103	104	105	106
95 weeks	96	97	98	99	100	101	102	103	104	105	106	107
96 weeks	97	98	99	100	101	102	103	104	105	106	107	108
97 weeks	98	99	100	101	102	103	104	105	106	107	108	109
98 weeks	99	100	101	102	103	104	105	106	107	108	109	110
99 weeks	100	101	102	103	104	105	106	107	108	109	110	111
100 weeks	101	102	103	104	105	106	107	108	109	110	111	112

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## AGRICULTURAL.

The white autumnal frosts, the brown and yellow leaves, and the chill October winds remind us that winter will soon be here. How is the farmer prepared should it prove severe? The grain and vegetables may be well stored, the hay stocked convenient, and all the preparations complete about the farm for caring for the stock, etc. But how are the conveniences of the household? Have you taken any thought of these? Have you thought of the number of tracts the wife, mother or daughter must take ere spring smiles forth upon the earth again? Have you arranged by every means in your power to lessen these, prepared everything that such as are taken may be mostly within doors. If you have not, do not delay doing so. No one is so poor but what he can arrange his culinary department so that the dear ones can prepare a meal without going out doors. We have urged this every fall, and shall continue to do so until there is a radical change in our rural homes. We care not what the circumstances may be, these things may be arranged. A few days, a week or two weeks if necessary, spent fixing up the kitchen making it comfortable and preparing to have wood, water, vegetables, etc. near at hand, cannot be better spent. This duty every man owes himself and family. The most humble abode in all these mountains, however rough on the outside, may be made cozy and comfortable as a palace within. Let every reader of the HUSBANDMAN turn his attention to this matter just once, and arrange the household with such systematic order as to make the females so comfortable that they cannot but smile with happiness all the winter through.

### ENCOURAGE THE BOYS.

The average boy is a gregarious animal. He abhors solitude. He delights in the company of his fellows, though he may receive from their hands nothing but kicks, hard knocks and other personal abuse. Still the spirit within him leads him to seek their congenial society upon every possible occasion, and, to enjoy this society he braves parental commands, hunger, cold and darkness. Just why this is so, is one of those mysteries which the intelligence of the world has thus far failed to unravel.

The wise parent should take advantage of this natural desire for companionship and so regulate boyish intercourse as to satisfy this innate desire, keeping the manner and extent under their complete control. It is useless to say that "my children have been taught to obey without question." The heart of man is deceitful and desperately wicked, if forced by circumstances to be so, and we don't think boy-nature differs greatly from man-nature. The desire for companionship is natural and harmless, and to endeavor to circumscribe or prohibit this desire will only result in mortification to both parent and child.

Farm life may seem to isolate the young from each others society completely. It may do so for a time, but the reaction will come

sooner or later, and then the farm is minus a boy. If, however, adjacent farmers will allow their boys to exchange labor—"change works," in farm parlance—the result will be to create a spirit of emulation that will make the boy love his home and endeavor to excel in the work he is to perform. There should be no grumbling and scolding, no cuffs or rebuffs; if there be occasional bursts of boy-nature that make the old farm ring, and hush for the moment the song birds of the field and forest. Do not attempt to restrain or restrict. Give nature full vent. It may not be amiss to aid and encourage.

Something like this must be done or the boys will be stealing down the back stairs and out at the side door at unreasonable hours and questionable purposes. If they are denied their innocent pleasures by day, they will find ways and means to hunt watermelons, steal apples, rob grapes, plunder corn fields and raise the devil generally, by night.—E.E.

### WHAT AGRICULTURE DOES.

An exchange says: Without agriculture there is no wealth. Gold and silver is not wealth—they are its convenient representatives. Commerce produces no wealth—it simply exchanges it; manufacture and the arts combine it. Agriculture is the prolific mother of wealth. The rest simply handle it when produced and delivered into their hands.

The earth breeds savages. Agriculture breeds enlightened nations; it breeds houses and ships, temples and seminaries; it breeds the manufactory sculpture, painting and music are its offsprings. The wheels of the work shop, the sails of commerce, the implements of science, the pen of genius, the pencil and chisel of the artist, the eloquent tongue of the orator, the scheming brain of the statesman, the equipages of wealth, the banqueting of pleasure—all that renders earth in its tides of life anything but a great sepulchre, move and have power of being, because the fields yield their fruits to the patient toil of the husbandman.

We might manage to live without merchants, without mariners, without orators, without poets, perhaps we might possibly survive the loss of demagogues—but sure, I am, we could not without plowmen. The state of husbandry in any country is the best test of its enlightenment. The thermometer of civilization rises or falls as drives the plow. "You must send the plow," exclaimed a man who had traveled all over christian missionary ground, "in heathen lands, a barbarian nation needs but to be plowed up deep, subsoiled, planted, and the inevitable harvest will be an enlightened nation."

### STOCK AND POULTRY DISEASES.

Good and evil are strangely blended in this world of ours. We can hardly avail ourselves of blessings on the one hand without being cursed with the evils that lie near by. When our cattle browsed on the spice bushes of fifty years ago, and our hogs grew spontaneously in the woods, and fattened themselves on the mast, and our short-legged, old-fashioned chickens roosted in the trees and scratched the forest leaves from the virgin soil in search of food—in this golden age of hog and hen, we had no cholera, nor did our cattle die with Texas fever, nor rinderpest. But then cow and hog and hen were all of scrub breed—indeed were scarcely removed from their primitive condition before man domesticated them. Our animals, like ourselves, multiply diseases, as the modes of life become more and more artificial. In the human race, diseases are evidently more numerous in the civilized, than in the savage state, but our knowledge of the prevention and cure of diseases has even outrun their multiplication, so that the average duration of human life is greater now than when our race were savages.

Can we apply the same laws of hygiene to our domestic animals with similar good results? It would be hazardous to give an affirmative answer to this question. Our stock breeding has been constantly in the direction of producing radical changes in the physical constitution of animals, affecting directly, their form, size and period of growth.

Under the influence of this special treatment we have produced a race of hogs which will make growth of 250 to 300 pounds in ten or twelve months, while our woods hogs would hardly make that the weight in two years, with the best feeding. Now, such a mushroom growth must have but little power to resist disease.