

for Dressed Veal
 Health pays it, and he will pay
 12c for Dressed Pork,
 15c for Live Chickens,
 25c for Fresh Eggs.
 We do not charge commission. You get
 the money when you ship to Smith.

THANK L. SMITH MEAT CO.
 "Fighting the Beef Trust"
 PORTLAND, OREGON

B. E. Wright
 Many both out and bridge work
 of well-town patrons we finish plate
 work in one day if necessary.

B. E. Wright Co.
 342 1/2 Washington St.,
 Portland, Oregon

Locating the Villain.
 "Who will be the principal vil-
 lan in your production?" asked the
 first-night critic, I suppose,
 the manager, wearily.—Wash-
 ington Star.

Weak, Weary, Watery Eyes.
 Try
 For Your Eye Troubles. You Will
 Be Relieved. It Soothes. 50c at Your
 Write For Eye Books. Free.
 Eye Remedy Co., Chicago.

Currant Borer.
 for the currant borer at this
 When the leaves start, affected
 commence to wither and die
 the affected canes below the
 center and burn at once.

OLMIE'S BUSINESS COLLEGE
 ATTRACTIVE TO THE DISCRIMINATING
 STUDENT

WEST'S GREATEST BUSINESS SCHOOL
 120 Tenth St., Portland, Ore.

ODAKS AND KODAK SUPPLIES
 Catalogues and literature. Developing
 service. Mail orders given prompt attention.
 Portland Photo Supply Co.
 120 Tenth St., Portland, Ore.

OREGON AGRICULTURAL COLLEGE
 success in the Industries.
 Strong practical and liberal educa-
 tion. Strong Faculty. Modern Equip-
 ment. Offers courses in Agriculture,
 Horticulture, Domestic Science and Art,
 Veterinary, Commerce and Pharmacy.
 Term Opens Sept. 23, 1910.

MEDICAL U OF O
 DEPARTMENT (UNIVERSITY OF OREGON)
 Standard Thorough Courses
 Catalogue sent free on application.
 Dr. S. E. Joseph, Portland, Oregon

FLY KILLER
 placed anywhere, de-
 stroy all house flies,
 mosquitoes, etc. Kills all insects.
 Made of metal, can be
 used on the wall, will not
 soil or injure anything.
 Guaranteed effective.
 Of all dealers or send
 for catalogue.
 HAROLD BOWEN,
 120 DuKed Ave.,
 Brooklyn, N. Y.

SHIP TO PORTLAND FREE
CUT RATES IN PAINLESS DENTISTRY
 Painless Extraction..... 50c
 Silver Fillings..... 75c
 Gold Fillings..... 75c
 22 K. Gold Crowns..... \$2.00
 Porcelain Crowns..... \$2.00
 Molar Gold Crowns..... \$4.00
 Bridge Work, 22 K. Gold..... \$3.00
 Inlay Fills, Pure Gold..... \$2.00
 Very Nice Rubber Plate..... \$4.00
 Rubber Plate on Earth..... \$7.00

THIS WORK IS GUARANTEED.
 Show your money away. A dollar saved
 is a dollar earned. Our original reliable Modern
 Methods and our perfected office equip-
 ment save time and your money.

DENTISTS, 5th & Morrison, Portland
 Established in Portland 10 years. Open evenings
 on holidays until 12:10, for people who work.

C. Gee Wo
 The Chinese Doctor
 This wonderful man has
 made a life study of the
 properties of Herbs and Barks,
 and is giving the world the
 benefit of his services.

**No Mercury, Poisons
 or Drugs Used. No
 Operations or Cutting**

A SURE CANCER CURE
 Discovered from Peikin. Chain-safe, sure
 reliable. U. falling in its works.
 Cannot call, write for symptom blank
 envelope. Enclose 4 cents in stamps.
CONSULTATION FREE

C. Gee Wo Medicine Co.
 120 DuKed St., cor. Morrison, Portland, Ore.



RAISING CALF ON SKIM MILK

Much of Success Depends Upon Care
 of Little Animal—Proper Shelter
 is Essential.

(By F. A. BOARMAN.)

In case of the steer calf which will
 become a feeder, while he should be
 growthy, he should be kept reasonably
 fat. He is the calf which should
 have the corn and should have the
 fat-making foods.

He should be reared in just the op-
 posite direction, as compared with the
 heifer calf. It will not hurt the steer
 calf even to have his drink or skim
 milk when he is six or seven months
 old, if there is a surplus but skim
 milk cannot be utilized to as good
 advantage as in the case of the heifer.

The best skim milk calves are those
 which are born in the fall of the year.
 Their young life is spent in a more
 favorable season. The milk they get
 as a rule will be in better condition
 than the milk which the spring calf
 will get.

If you select dairy blood for your
 herd, one of the things which should
 attract your attention when you make
 your final decision is the vitality of
 the breed you select.

This shows up particularly strong
 in the calf during the first few months
 of his life. Dairy breeds, as you know,
 are not all equal in vitality. My ex-
 perience in raising calves on skim
 milk has been confined principally to
 the rearing of Holstein calves.

I want to say in this connection in
 our own herd a calf never suckled
 its mother and in this way, after ten
 or twelve years of breeding, the suck-
 ling instinct was largely bred out of
 the calves. These calves were easily
 taught to drink.

Not all of the success of rearing
 skim milk calves depends upon the
 feed or upon the breed. Very much
 indeed depends upon the care of the
 calf, and feed without proper shel-
 ter will avail but little.

The calf must be made comfortable
 in warm as well as cold weather. If
 he is not failure will result. Let your
 feeding arrangement be such that
 each calf get his share.

Do not, as I have seen on many
 farms, pour the milk into a tub or
 a trough and let the calf fight for
 his share. There is no chance for
 disagreement on this point. This is
 not feeding.

It will be found advisable, summer
 or winter, to arrange that each calf
 can get his individual share of the
 food, in a yard in the summer time,
 or in a pen in the winter.

If you have plenty of time it will
 be found advisable to tie each calf
 at each feeding. Tie around each
 calf's neck a ring two inches in di-
 ameter with a light rope.

Give each calf a place at a post and
 staple to the post two feet above the
 ground a rope not more than eight
 or ten inches long with a swivel snap
 in the end.

Have these ropes far enough apart
 to prevent the calves from reaching
 each other and you will have no trou-
 ble from the calves sucking one an-
 other's noses or ears. Keep the calves
 tied until the milk is licked from their
 chops and noses.

If the calves be of about equal size
 they may be turned loose to a trough
 in which is the grain food.

HORSE-BONNET IS IMPROVED

Does Not Limit Movement of Animal's
 Ears and Causes Air to Circulate.

Mr. John M. Davies of Plattsburg,
 N. Y., has invented a horse bonnet of
 smaller dimensions than heretofore,
 which will not limit the movement of
 the ears of the horse, says Scientific
 American. Within the bonnet a drum



Horse Bonnet With Drum.
 is suspended provided with a perforated
 bottom, while a diaphragm is
 stretched across the upper face of the
 drum. The diaphragm carries a weight
 which, owing to its inertia, causes the
 diaphragm to flex in rhythm to the
 movement of the horse's head while
 trotting or walking. This causes the
 air in the drum to be alternately ex-
 pelled and drawn in, thus producing
 a circulation within the bonnet.

Rearing the Lamb.
 If necessary to rear a lamb by
 hand, a New York state farmer says
 he finds the lamb the best judge of
 amount of milk required and feeds
 at first nearly all it will drink, which
 is almost one-quarter of a pint every
 three hours, the last feed coming at
 9 p. m. After the grass starts the
 feeds are gradually reduced to one-
 half pint three times a day. The
 milk fed in this way will yield larger
 profit than if sold to the cheese fac-
 tory.

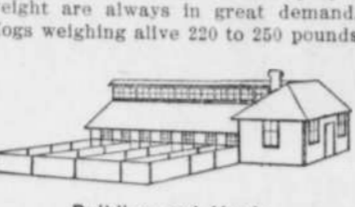
RAISING SWINE FOR PROFIT

Success is Determined by Intelligent
 and Constant Care to Details
 and Judgment.

Success in hog raising is determined
 by intelligent daily, sometimes hourly
 care and attention to small details,
 and good judgment. When a farmer
 decides to become a hog raiser, he
 should plan to stay permanently in
 the business. For the capital, labor
 and time required there is no busi-
 ness that will pay larger profits, in
 many sections of the country, than hog
 raising. With an expert stock raiser
 as high as 300 per cent. net profit has
 been made in six months under or-
 dinary farm conditions.

The breed to raise is the kind the
 grower likes best. There are more
 differences in the individuals of any
 breed than there are between choice
 animals of the different breeds. A
 good hog, well bred from a prolific
 strain of any of the popular breeds of
 hogs, will make money for the farmer
 under handled right.

Well finished hogs of the proper
 weight are always in great demand.
 Hogs weighing alive 220 to 250 pounds



Building and Yards.
 each, will supply cured hams weigh-
 ing 16 to 18 pounds, and sides of
 weighing 10 to 12 pounds each.
 These weights command a premium
 of 75 cents per hundred pounds above
 lighter hams and sides.

Well finished hogs, only, are want-
 ed. The hog should be well fattened
 and rounded out, the flesh coming well
 down on the hocks, and the fat on the
 sides should be from 1 to 1 1/2 inches
 thick. In a finished hog the flesh
 will be firm and hard to the touch
 and the hair will be smooth and lus-
 trous. The flesh should be firm, the
 fat pure white and the best consumers
 want a good proportion of lean.

Many farmers neglect their hogs
 through the summer, stunting them,
 and stunted hogs do not finish well.

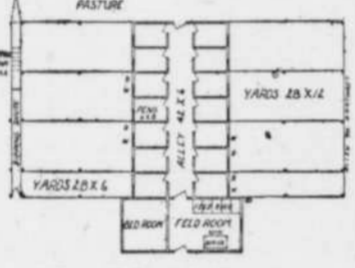
Ground Plan of Piggery.
 An unfinished, stunted hog weighing
 150 pounds will dress about 65 per
 cent. Bacon from such hogs sells at
 wholesale for one-half that from fin-
 ished hogs. The bacon from the un-
 finished, light hogs, when cooked, con-
 sists of skin and flabby, soft meat, and
 the consumer is dissatisfied.

The flesh on the live, unfinished
 hog is soft and flabby to the touch
 and the hair has a dead appearance.
 The meat from an unthrifty hog is
 always soft and that from thin hogs
 is usually soft.

Special attention should be paid to
 housing the swine. Hogs are more
 disturbed by wind than any other
 farm animal and their shelter should
 thoroughly protect them from wind
 and from draughts.

The piggery shown here is a satis-
 factory building where a permanent
 one is wanted. The partitions be-
 tween the pens are movable in case
 it is desired to use the building for
 fattening hogs. The doors leading to
 the yards are raised from the central
 alley by means of ropes and pulleys.

A chute across the ends of one set
 of yards makes it an easy matter to
 dip hogs regularly. It is 6 feet to the
 eaves and 16 feet to the ridge above
 the pens. Additions to this house
 can be made when desired and the
 building remain just as convenient.



BIRD CHAT.
 What species of bird lays the small-
 est egg in proportion to its size; like-
 wise the largest?
 It has been computed that 300,000-
 000 birds are annually slaughtered for
 plumes and other decorations.
 The Chinese eat "rotten" eggs—that
 is, eggs preserved in lime until they
 get a consistency like that of hard but-
 ter.

A fossil raphoryucus, a bird of 50-
 000,000 years old, sold for \$9,000 re-
 cently, the highest price ever paid for
 a bird.

Cranes are used as watchdogs in
 Venezuela by the natives, who call
 them "yakanuk," and are said to be ex-
 cellent guards of poultry.

Cardinals have been known to alight
 upon window sills of houses and peck
 at the panes, probably attracted by
 their reflection in the glass.

Birds are not the only higher ani-
 mals that lay eggs, two quadrupeds,
 the duck-billed platypus and the Aus-
 tralian porcupine ant-eater, also lay
 them.

The rpr n'dooh, or "bird of death,"
 is the only venomous bird known to
 science, but there is very little known
 regarding its habits, and especially its
 venomous qualities.

The hyacinthine macaw is one of
 the strongest as well as one of the
 rarest birds of its kind. There is one
 in the New York Zoo. There appears
 to be absolutely nothing known re-
 garding its habits.

LIVE STOCK NOTES

Shear the sheep before their wool
 gets to be a burden.

Keep the sheep pens clean. Dirt
 and foul odors affect sheep quickly.

Never feed the young pigs on the
 ground, especially if it is dusty or
 muddy.

No sheep has yet been developed
 which excels in both mutton and wool
 production.

Sheep must be grown rapidly while
 young if they are expected to attain
 a large size.

A horse that is afraid of the elec-
 tric cars can never be taught what
 they are by whipping.

Sell your wool on a rising market.
 Nine times out of ten you will miss it
 if you try to keep it for something
 better.

If a good lamb comes from a good
 ewe, save it for your own flock.
 Don't let any butcher talk you into
 selling it.

The boar pigs should be castrated
 at two to eight weeks old, so they
 will recover from the effects before
 weaning time.

There is little money in poor sheep.
 They will just about eat a man out
 of house and home. Good ones or
 none—that's the motto for us all.

Sufficient care is not exercised by
 many in weaning out the ewes that
 breed irregularly, and because of this
 the uniformity in the size of the lamb
 crop is reduced.

SCHOOL EXAMINATIONS.

Pennsylvania Educationalist Thinks
 They Should Be Abolished.

Public school students have a cham-
 pion in the person of Dr. Nathan C.
 Schaeffer, superintendent of public in-
 struction in Pennsylvania, in their an-
 tipathy to examinations. Dr. Schaeffer
 has gone so far as to say that he hoped
 he would see the day when examina-
 tions would be abolished. "They are,"
 he said, "like drugs, since they have
 a primary as well as secondary effect
 in that they cause depression if kept
 up."

Dr. Schaeffer is himself a keen stu-
 dent and observer. He has profited by
 his years of experience since his
 connection with the public schools of
 the state and he knows whereof he
 speaks, says the Philadelphia Inquirer.
 But his opinion in this respect is not
 the result of deductions on the part
 of one man alone. There are many
 others who think with him, some of
 whom have so expressed themselves
 and others who, while convinced
 themselves, are too timid to take a de-
 cided stand in the matter.

There is little doubt that the exam-
 ination is in many respects a barbarous
 institution. Education is, in the
 last analysis, only a means to an end,
 a process of gradual mental develop-
 ment, a plan by which each day the
 mind is broadened. To expect a child
 to pass successfully on details which it
 has used only as mental food and for-
 gotten for five, six, seven or nine
 months seems not only unjust, but
 ridiculous. The consequence is that as
 examination time approaches there is
 a cramming of matter into the mind,
 mental indigestion ensues and, not
 infrequently, even the brightest students
 are injured physically.

In the big world where results count,
 a man is not examined at the end of
 each year as to his work during the
 past 12 months. The caliber of his
 work and endeavor at the end of each
 day is what counts, and so it should
 be in the preparation for this real
 work.

FASHION HINTS

The way the embroidered and plain
 linen is combined here is very good style.
 There is a certain dash to it that's due
 partly to the plain little banding of a
 contrasting shade.

CASTORIA

The Kind You Have Always Bought has borne the signa-
 ture of Chas. H. Fletcher, and has been made under his
 personal supervision for over 30 years. Allow no one
 to deceive you in this. Counterfeits, Imitations and
 "Just-as-good" are but Experiments, and endanger the
 health of Children—Experience against Experiment.

What is CASTORIA
 Castoria is a harmless substitute for Castor Oil, Pare-
 goric, Drops and Soothing Syrups. It is Pleasant.
 It contains neither Opium, Morphine nor other Narcotic
 substance. Its age is its guarantee. It destroys Worms
 and allays Feverishness. It cures Diarrhoea and Wind
 Colic. It relieves Teething Troubles, cures Constipation
 and Flatulency. It assimilates the Food, regulates the
 Stomach and Bowels, giving healthy and natural sleep.
 The Children's Panacea—The Mother's Friend.

The Kind You Have Always Bought
 Bears the Signature of
Chas. H. Fletcher
 In Use For Over 30 Years.
 THE CENTAUR LAMP, 27 MURRAY STREET, NEW YORK CITY.

Sherman Clay & Co.

ESTABLISHED 40 YEARS
 SIXTH, AT MORRISON ST., PORTLAND, OR.



We want you to try this Piano IN YOUR
 HOME FREE. We want you to try it at
 our expense because—
 At the end of thirty days the Piano
 ITSELF will convince you of the following
 facts:
 It's the best value on earth for the price
 (\$275).
 It's MUSICALLY and MECHANICALLY
 right!
 We know there is so much real value in
 this Wellington Piano—we're selling for \$275—on easy payments—that
 we're willing to let it be ITS OWN SALESMAN.
 It will tell its own story to you—in your home—if you'll send us the
 coupon.

Please send me full particulars concerning this unusual Piano offer.

Name..... Address.....

Does Not Follow.
 "Are those comforts on the counter
 there to be sold at much of a reduc-
 tion?"
 "They are not reduced at all, mad-
 am. What made you think they
 were?"
 "Because I saw them marked
 'down.'"

Gentle Protest.
 Barber (on train)—Yes, this is a
 great road, sir. Let me describe it to
 you as I work.
 Man in Chair—Er—yes, but don't
 put the curves in my cheeks with
 that razor.

Natural Affinity.
 Tom—I understand Fred is engaged
 to Miss Gushington. I can't imagine
 what he can see in that girl to make
 him want to marry her.
 Jack—Well, Fred has a mania for
 yachting, you know, and she's such a
 breezy creature that he naturally took
 a fancy to her.

Unfair Competition.
 Esmeralda—Did you have that
 kitchen implement shovler for Lil
 Garlinghorn last night?
 Gwendolien — Goodness, no! It
 rained pitchforks!

Headache

"My father has been a sufferer from sick
 headache for the last twenty-five years and
 never found any relief until he began
 taking your Cascarets. Since he has
 begun taking Cascarets he has never had
 the headache. They have entirely cured
 him. Cascarets do what you recommend
 them to do. I will give you the privilege
 of using his name."—E. M. Dickson,
 1120 Resner St., W. Indianapolis, Ind.

Pleasant, Palatable, Potent, Taste Good.
 Do Good. Never Sicken, Weaken or Grip.
 10c, 25c, 50c. Never sold in bulk. The gen-
 uine tablet stamped C. C. C. Guaranteed to
 cure or your money back.

**Keeley LIQUOR-MORPHINE-TOBACCO
 HABITS PERMANENTLY CURED**

Union Painless Dentists
TEETH WITHOUT PLATES

Out-of-Town People
 Should remember that our force is so organized that
 we can do their entire Crown, Bridge and Plate work
 in a day if necessary. Painless extraction
 free when plates or bridges are ordered. We re-
 move the most sensitive teeth and roots without the
 least pain. No students, no uncertainty, but specialists
 who do the most scientific and careful work.
 Lady attendants.

Full Set of Teeth..... \$5.00
 Bridge Work or Teeth without Plates \$3.50 to \$5.00
 Gold Crowns..... \$3.50 to \$5.00
 Porcelain Crowns..... \$3.50 to \$5.00
 Gold or Porcelain Fillings..... \$1.00 Up
 Silver Fillings..... 50c to \$1.00
 Best White Molds..... \$7.50
 No charges for Painless Extraction when other
 work is done. 15 years' Guarantee with all work.
 Hours: 8 a. m. to 8 p. m. 22 1/2 Morrison Street.

ASTHMA AND HAY FEVER

are quickly relieved by Wyatt's Asthma
 Remedy. Guaranteed or money refunded.
 Ask your druggist or send six
 cents postage for Free Sample to
J. C. WYATT, Druggist.
 VANCOUVER, WASHINGTON

Real Charitable.
 Tattered Theodore — "Scuse me,
 mem, but I ain't got scarcely a rag to
 me back. Kin you help me out?"
 Kind Lady—Certainly. You'll find
 the rag bag behind the door in the
 woodhouse. Help yourself.

**DRINK DOLE'S
 Pure Hawaiian Pineapple Juice**

Drink it Pure The Drink Delightful!

All the bouquet of the ripe pineapple field, all the snappy acid tang,
 with none of the rude "bite" you are accustomed to in the unripe fruit-
 store product you have known; all that's good and nothing that's in the
 least unwholesome; all that's delicious; all that's satisfying—all this is
 yours in Dole's Pure Hawaiian Pineapple Juice. Non-alcoholic, of course.
 The Dole process of refining the juice of the Hawaiian Pineapple adds no
 water, no sugar, absolutely nothing to the pure juice. Serve it cold—the
 colder the better; cracked ice in the glass is a help. An olive, a saline,
 a cheese straw, a Welsh-rabbit emphasizes the flavor. It adds interest
 to any afternoon or evening entertainment, at home or at the club.

Every bottle
 of Dole's Pure
 Hawaiian Pine-
 apple Juice has
 the signature of
James Dole
 in red ink
 across the
 label. At
 Druggists
 and Grocers

**HAWAIIAN PINEAPPLE
 PRODUCTS CO., Ltd.**
 112 Market Street
 San Francisco, Cal.
 Our booklet gives hints for
 serving. Send for it.