

TO USE WITH PARIS GREEN. When using paris green allow one pound for 150 pounds of plaster. If HELPING OUT THE SUMMER water is used, mix one pound paris green with ten gallons of water.

IMPROVEMENT IN BEEF CAT-TLE.

so greatly increased the size of beef cattle as to bring the average up to 1,400 ting them scurry for a living. Such cows pounds at the present day.

WHEN PLANTS WILL GERMI-NATE.

SCIENCE IN FEEDING.

Too much science in feeding cannot be tion process. given, but some of the advice relating Whether you intend to try winter of the animals is almost impossible on dairying, it is necessary to have good of food per 1000 pounds of live weight. than many imagine. Sometimes it simalso differ in quality, the labor required field, so the grass has a chance to grow to apportion the foods for the individual while the cows are feeding on the other animals would be too costly, and con- part. Constant daily cropping in hot, siderable time would also be lost.

THE TREATMENT OF ROUP. eyes begin to water, and the fowls rub the sides of their heads on their wings in an attempt to relieve them. At this latter a fair chance in the race. ulceration has not set in, but if left to itself a cancerous substance will form in the eyes and mouth, and nothing but death will relieve them. When first noticed, the fowls should be isolated and placed in bright, dry rooms, the head and injected in nostrils, and this treatment

work for their food .- Home and Farm. MASH AS A POULTRY FOOD.

A mash of half meal and half bran is one of the best foods for chickens, oung or old I know of. For the young because when the fowls get all they want of it they will all huddle in the sun to- proper degree, and if the mercury is large fortune.-New York World. gether and do nothing all day. The right playing round 103 or 104, you are satistime to feed mash is just before the fowls go to roost at night. By feeding mash in the winter time I have no trouble in making them fill the egg basket. Mash is also a fine food to fatten fowls with. To fatten fowls with mash it should be mixed with sugar, say a small handful to a quart of mash, fed twice a incubator will hatch just as many chickday. It should be fed in troughs .-Inland Poultry Journal.

HORSERADISH AS A GARDEN

GARDEN CROP. Horseradish hardly gets its due in the

LOSS BY FLIES.

fourteen cows into two lots, as nearly equal inscondition as they could make The birds will score more points, and them, and one-half were sent to pasture prove more profitable as layers as the according to the usual custom of farm- vitality is not sapped from the ancesers, though in a small field with plenty tors .- J. C. Clipp, in The Epitomist. of shade during the day. The others were kept during the day in a comfortable stable with screen doors and windows, but allowed to feed in the pas- is one of the most precious heirlooms of ture during the night and early morn- the Italian royal house. The crown is ing. It was found that these produced only partially of iron. Tradition detwenty per cent. more butter than those clares it was made from one of the nails in the pasture during the day, as the used at the Crucifixion. This was tatter were kept moving all of the time beaten out into a thin rim or iron, by the dies. On an Iowa dairy farm which was magnificently set in gold and they obtained more milk from cows adorned with jewels. Pope Gregory Sun. kept in a dark stable without screens the Great bestowed it on Queen Theoduring the day and let out to graze at dolinda, a Frankish princess, under night, than they did from those in pas- whom the Lombards first changed their ture all day and in stable at night. Sim- Arian faith for the Catholic. Charleilar results have been obtained by the magne was crowned with it, and so spraying of cattle with something to re- were Henry of Luxemburg and sucpel the flies, but most of these repellants ceeding emperors. It was also used at have an odor that fills the air in the the coronation of Napoleon I. The Emstable and may injure the milk or but- peror of Austria restored it to the

found anything better than a sponge or damp cloth just moist with kerosene, and wiped lightly over the top of the head, along the back and over the legs, using it every morning just after milking. The odor evaporates before the next milking, if not used too freely .-The Cultivator.

PASTURES.

The success of summer dairying depends upon the pasture first, and then on the way the pasture is helped out in the way of providing additional summer Fifty years ago the average weight of food. We have passed the age of dairybeef cattle on the hoof were only 800 ing where a progressive farmer depends pounds, but improvement of breeds has entirely upon a pasture field, turning his cows loose there all summer, and letlive in clover the first half of the summer, and nearly starve during the rest of the season. They grow lean and weak and their milk supply gets smaller and Experiments show that rye and winter thinner every week, and by the time fall wheat will germinate in a soil the tem- and winter comes they are pretty speciperature of which is thirty-two degrees; mens. A farmer once told the writer barley, oats, flax, peas and clover will that he had tried summer dairying and sprout at thirty-five degrees; turnips, winter dairying, and there was money in the same, carrots at thirty-eight and neither. Upon investigation, it was beans at forty degrees. If these experi- found that his system was to starve the ments have been carefully conducted cows in summer for winter dairying, they demonstrate that some plants will and vice versa for summer dairying. sprout even below the freezing point. The result was the animals never came up to the mark because it took them half the season to recover from the starva-

to feeding according to the live weight dairying or depend simply upon summer some farms. The German tables call pasture through the summer, and in the for one and a third per cent. of the live late summer and autumn it is necessary weight of the animal, or about 13 pounds to help the pasture out. This is simpler As animals vary in weight, while foods ply means fencing off a portion of the dry weather kills the grass and keeps the plants from ever getting any headway. If the pasture field is sufficiently During the season of cold rains and large, fence part of it off in August, and chilly nights unless the poultry is well in this way keep it green and healthful. Also be sure that the weeds and briers first symptoms appear as a slight cold, are kept cut down. Do not let any a scarcely perceptible gasp in breathing.

which slowly develops and shows itself
in information. in inflammation of head and eyes. The briars, and consequently they have the opportunity to grow and thrive while the grass has not. At least give the

Help the pasture out with ensilage and corn stover crops. Do not be sparing with these even in summer. They may save a good deal for the late fall pasture, which is oftentimes more valuable to the dairyman than the early spring face washed with warm water and castile soap and annointed with carbolized this will go a long way toward keeping cream, and at the same time preserving American Cultivator.

> ARTIFICIAL INCUBATION AND BROODING.

chicken I prefer to have the food cooked great anxiety. When operating on infied that all must be going well. The objections we have to using hens for and then the annoyance, they are invariably declining to set, breaking eggs, eating eggs, etc., that is fatal to the enens from fertile eggs as the hens, and if any difference, more, and the brooder will raise as large a percentage if these chicks as the hens will. Our observation with brooders is that a much larordinary gardn. It is put into a corner, having a number of broody hens for ger percentage is raised. Instead of like the boy when company comes, as three weeks, you can have them laying, though any place and any treatment which increases the income and saves were good enough for it. When one food. If hotels and restaurants can afthe prepared horseradish-he is remind- cents for young chicks, why not the fared again how careless the popular mind mer have his incubator and brooders has grown to be on this matter. The and get off those nice young broilers does well if he gets a ten per cent. dose gets a machine it will last him for a of the real root. The ninety per cent. lifetime if well cared for. We are quite equally, to the merits of the adulterants. as he raises his own grain and has Good varieties of horseradish should be plenty of of free range. An incubator selected, good cuttings should be care- and brooder on a farm for the use of fully taken and planted in a good place the family may become just as much in the garden, and clean, sound roots of a necessity as any machine employed. should be prepared for the dining table. The main point in artificial incubating Good forseradish is a wholesome and and brooding is, you can have broilers grateful thing, but poor horseradish is just when you want them. If you are an abomination .- The Country Gentle- breeding fine fowls their health and appearance is much improved with an incubator to hatch your stock. Hens not allowed to set, both young and old, will At the Wisconsin Station they divided be in better condition. We believe in incubators to perform the work of hens.

## Iron Crown of Italy.

The famous iron crown of Lombardy ver, if not very carefully used. We never King of Italy in 1966 - I ondon Graphic

THE HUMMING-BIRD

Where to Find Its Nest, and How it Feeds Its Young.

In St. Nicholas, Henry Hales writes of the ruby-throated humming-bird. The humming-birds builds on the up

per side of a branch ,a branch generally about the size of the nest. The nest is beautifully felted with fine white vegetable down and studded on the outside with fine lichens and minute specks of bark like the branch itself.

They do not seem to retire to secluded places to build; they are as eccentric in their choice of a nestingplace as in their nature and habits. Some suppose their nests are near the gardens or vines they visit; but that is not often the case. A few magic vibrations of the wings, and they are far away in a few seconds.

The last nest I found was on the outer end of a branch of silver poplar that hung over a public road; every carriage-top that passed under it was within a few feet of the nest-the last place in the world where I should have expected to find such a nest. I should not have seen it except that I was a eidentally looking up into the tree, and I saw, protruding over the side of the nest, the long, fine bill that happened just then to stir. The nest might have been passed hundreds of times and been taken for a small knot unless thus betraved.

These birds lay but two eggs, tiny white morsels. The young birds when first hatched are curious little things. and feed by inserting their bills in the mouths and throats of their parents. As the food of the parents is composed of nectar and fine insects, it is easily made ready for the little ones' tiny stom-

The Greatness of Little Objects. It was a saying of Henry Ward Beecher that "the little things of life give us the most trouble." The com-

mon house-fly was his favorite illustra-More than half the diseases that destroy human life are produced by pestilences too small to be seen by the naked eye. The plagues that destroy animal life are of the same invisible origin. And practically all the ravaging of the

crops is done by small insects and

WOFMS. Not less true is it that the good things of the world, the things that make it a more comfortable world to live in are mostly little things. Of the about 600 patents every week granted to inventors in this country 550 are for small mechanical devices of general everyday utility. The electrical candi that lights at the touch of your finger, the vaseline. A little kerosene should be up the quality and supply of milk and folding umbrella that you can drop into a small handbag or carry in your overthe health of the animals for the fall coat pocket, the machine that cuts green should be continued daily for two or the health of the animals for the fall coat pocket, the machine that cuts green three days. Feed lightly and make them can't explode are good types of the little inventions that are really great.

The great era-making inventions, like the telephone and the telegraph, are ne-When we set hens with eggs costing cessarily few and far between, and only several dollars per setting, it causes in a few instances have their real authors made any considerable money out but for the old ones I do not care. The cubators, all that is necessary is to look of them. The little mechanical novelmash must not be fed in the morning at the thermometer and see that the ties, counted by thousands, usually bring temperature is being maintained at the their creators a fair reward and often a

### Woes of a Grocer.

It was an uptown grocery which a incubators is, nothing taxes the vital little girl about five years of age entered powers of your birds so much as setting, the other day, saying: "I want a spool of cotton!" "You won't get that here," replied the grocer jokingly. "You'll have to go to the blacksmith's shop for that." "I want a spool of cotton," the child repeated, clutching something very tightly in her right hand. And she continued to reiterate the request for a long time before quitting the store. Presently her mother appeared in the door, with a very irate countenance. "D'ye mean to tell me that you haven't got a nutmeg?" she inquired indignantly. "Was that what the child wanted?" exclaimed the grocer. "She asked for a spool of buys horseradish on the market—that is, ford to pay from fifty to seventy-five cotton." "Couldn't you see the nutmeg in her hand?" retorted the mother. saw something in her hand, but I didn't know what it was." "Well, all you purchaser of grocery-store horseradish early for his own use. After he once had to do was to smell it." was the final shot with which the matron departed, Witnesses to this scene have amused may be potato or turnip or excelsior, sure if the American people would use themselves ever since, asking the grocer or almost anything. What we need is more broiler meat and less pork, there why he doesn't exercise greater deteca horseradish revival. People's eyes would be less sickness and healthier chil- tive skill in finding out what his cusshould be opened (spite of their weep- dren. The farmer can avail himself of tomers require when they don't know ing) to the merits of pure goods, and, this fine luxury cheaper than any one, themselves."-Philadelphia Record. ..

Magnetism of the Earth. It is well known that clay baked in a brick furnace is magnetized along an axis which corresponds to the axis of the terrestrial magnetic field at the moment of baking, and it is notworthy that the magnetization is very permanent. On these facts M. Folghereiter has founded a method of studying the inclination of the magnetic needle in antiquity. 'He determines the direction of the magnetic axis of pottery of Etruscan and Roman times. The declination of the needle cannot be determined in this way on account of the impossibility of know. ing exactly how the vases stood in the baking ovens; we know that they stood vertically, but no one can say which side was to the front. It is quite possible that this method may be extended to determinations referring to geologic epochs by observing the direction of magnetization of clay strata that have been transformed into brick by flows of hot tava. The latter question is now being studied in the volcanic region of the Puv-de-Dome in France.-New York

Almost exactly half the coal exported from Great Britain in the last six months went to the four countries-France, Germany, Spain and Italy,

There are 11,700 hotels in Paris, in which there are on an average 240,000

### PENNSYLVANIA

BRIEFLY TOLD

Two Philadelphians (harged With Ob

structing Switches. **CAVE-IN WRECKS FOURTEEN HOUSES** 

Workings of the Old Red Ash Mine Under the Town of Laurel Settle-Citizens Flee to the Mountains-Pavements Discovered Thirty Two Feet Under Ground at Sharon-

Prisoner Tried Cremation.

Pensions granted to Pennsylvanians Francis T. Oliver Dorff, Johnstown, \$10: Charles Miller, Berlin, \$10; Charles Spadacen, Erie, \$24; Ezra P. Bell, Gib onsburg, \$17; Israel P. Whitmer, Emporium, \$20; Mason Hart, Washington \$8; Frederick Briednaider, Pittsburg, \$8 Mariton O. Way, Miles Grove, \$6; Barbara E. Deannet, Puritan, \$8; Abraham M. Ghere, McLallen Corners, \$8: John H. Wadding, Dayton \$14; William Flickinger, Pittsburg, \$8; Charles Fry Allegheny, \$12; Jesse W. McMichael Tamarac, \$12; George W. Demons, Warren, \$10; Joseph N. Walkup, Lindsey \$12; Jane C. Stuart, Sugar Grove, \$8.

A collision between a trolley car and a passenger train occurred on the Read ing Railway's Broad street crossing. Tamaqua, and the trolley car had one side smashed. No one was on the car at the time but the motorman, who escaped unhurt.

James Horrox, aged 15 years, o Brandonville, was arrested on the charge of having fatally shot Edward Ball, aged 10, of the same place, while both were in the woods. Young Bal' died in the Miners' Hospital.

Fire burned over a block and a hall of the business section of Reynoldsville gutting fourteen business places, includ ing the Hotel McConnell and four dwelling houses. The loss is estimated at \$60,000 and is covered by an insurance of \$12,000.

Mrs. Mary Duncan, of Chester, accidentally swallowed a quantity of bichloride of mercury and but for the timely presence of a physician in the neighbor-hood of her home she would have died C. D. Boyle, of Plymouth, received word that his son, a marine on the battleship Kentucky, had died in Japan

from injuries received by falling from a An electric railway will be built from Bloomsburg to Millville, a distance of ten miles. The line will pass through

Mordansville and Eyer's Grove. Charles Stoop, recently released from the Shamokin jail, was arrested on the charge of assaulting an Italian. About midnight the prisoner determined to cre-mate himself by burning the station house. He ignited a blanket and the cell was soon blazing. When the heat began blistering him he called for help. Chief of Police Gilham entered the cell and found him unconscious and almost dead. Gilham dragged Stoop to a place of safety.

While engaged in sinking a coal shaft at Sharon, Thomas Jones discovered, thirty-two feet under the surface of the earth, a brick pavement. The bricks were smoothly laid and were sixteen inches square. A few feet deeper another pavement was found of similar construction, but the bricks were thirteen square. Mr. Jones has notified the Pittsburg Archeological Society of his find, and a further research will be made.

An extensive cave-in occurred in the middle of the little town of Laurel Run, and fourteen houses were affected. The main street was rendered impassable by big cracks appearing at a number of points. Great alarm was caused when the earth began to shake and the fissures appeared. The people fled from their homes to the mountain side, where they waited until the disturbances ended.

Official notices have been issued it Pittsburg, ordering a resumption of work at factories of the American Window Glass Company and the Independent Glass Company on November 1. at least for the present, disposes of the report that the factories would take another month, perhaps two before resum-

One man was killed, another injured fatally and a third badly hurt through a fall of coal slate in the Spring Hill Mines, about a mile and a half east of Wilmerding. The dead man is Thomas Prevost, who lived at Pitcairn The injured are John Williams and a man whose name is not obtainable.

Two attempts were made at Pottsville to wreck incoming passenger trains on the Philadelphia & Reading Road at the semaphone switches. John Scanlan, of Philadelphia, is under arrest charged with the orime, and the police are looking for his companion, said to be James Gat lagher, also of Philadelphi

George H. Phillips, a miner employed at the Oakhill Colliery, Pottsville, had his head blown off by a blast while at

Thomas Barrons, a conductor on the Jerseys Central Railroad, was thrown from his train and killed near Manch

John Skromowsky was killed by a bla at Cameron Colliery, Shamokin, and Jose eph Putnavish was fatally injured by falling 200 feet down a manway.

Burglars robbed the Phi adelphia and Reading freight station at Gilberton. High Constable Pashoski, of Durica. was attacked and beaten by several men

His club, star and all his weapons were taken from him. The family of Jacob Bors, of Lancaster, consisting of six persors, was nearly smothered to death by coal gas. Their condition was discovered by a roome-

in the house. Burglars are operating along the Chester and Darby Turnpike. They robbed the wheelwright shop of Wm. Quinn & Sons, at Leipers ille, and the Ridley tollgate house.

Howard Lithlaen, aged 17 years, died from injuries received a Turkey Run Colliery, Shenandoah, The boy and several companions were amusing themselves by throwing pieces of wood between the spokes of a sheave wheel which they were turning. One of the pieces flew out, striking Lithlach on the

head, fracturing his skull. These fourth-class post-nasters were appointed: Aldenville, C. H. Wilmarch; Jacob's Creek, N. T. Keck; Mainville, W. M. Longenberger; Valley Point, S. Misapplied Advice.

Out of that childish dependence that material care had encouraged Mamie had come to her mother for help in the doing of some little act that she could have readily done herself.

"You shouldn't annoy me for assistance in such trivial things as that," remarked her mother: "it is time you learned to help yourself."

"I have learned, ma." Mamie returned, "but I don't know just when it's right to do it. Don't you remember how you scolded me the other day when I helped myself to the preserves?

Yellowly-What, are you going home already? Brownly-Yes, I must go; wife is waiting up for me.

Yellowly-My wife belongs to a woman's club, and when she goes out to it in an afternoon I never say a word if she stays away six hours, so she never says anything to me if I am out a little later than usual. Don't your wife belong to a club?

Brownly-No, but there's a club that belongs to her, and it is the knowledge of that fact that is hurrying me home.

Give the Girls a Chance

Give the girls the best of education. Let them have college education if possible. The way to get at the boys of the future is by means of the girls who are to be their mothers. Too much attention has been given to the boys and not enough to the girls. If the boys of a college woman are capable of receiving a college education they stand the best chance of getting it. The best side of the house is the mother side of it. If the girls are put forward the boys will get in the neighborhood.

"Wait a minute, John. Don't read so fast. Who was it that th' crowd turned out?"

"Eh? Turned out?" "Yes. You read it there that th' crowd turned out N. Mass. Who is N. "Why, I suppose he's some dern Frenchman. You ought to listen

The Struggle for Bread.

"Well, that's the best I can do for you," said the theatrical manager. "You've been idle so far this season; now will you remain idle all the rest of the season or take this small part?" "I'll take it," said Lowe Comedy. "In this case a small role is better than a whole loaf."

The Infant History Class. "What did the Greeks row their galleys with? First little boy.

"Brooms." "Brooms! Doesn't the lesson say that it was sweeps?' "Ain't them brooms?"

Discouraged.

Deacon Jones-So you have lost your usband, Mrs. Grimes? It is very sad. Mrs. Grimes-Sad is no name for it. don't believe any other woman ever had such a run of luck. He was my third, you know. I'm so discouraged I've about made up my mind not to have another.

produced annually, equal in bulk to the entire wheat and corn crop.

PUTNAM FADELESS DYES are fast to sun light, washing and rubbing. Sold by all drug-gists.

Even the greatest germ cranks do not hesitate to stack up against the microbes that infest a \$20 bill.

The poetry of motion must be the kind that is sent the rounds.

STATE OF OHIO, CITT OF TOLEDO, | 48. LUCAS COUNTY. 5 ss.
FRANK J. CHENEY makes oath that he is the

senior pariner of the firm of F. J. CHENEY & Co., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of one Hundred Dollars for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH CURE. FRANK J. CHENRY.
Sworn to before me and subscribed in my

presence, this 6th day of December,
A. D., 1886. A. W. GLEASON.

Notary Public.

Hall's Catarrh Cure is taken internally, and sots directly on the blood and mucous surfaces of the system. Send for testimonials, free.
F. J. Chener & Co., Toledo, O. Sold by Druggists, 75c. Hall's Pamily Pills are the best.

A good appetite is what everybody is wishing for and yet wants to get rid of it as soon as obtained.

Best For the Bowels. No matter what ails you, headache to a cancer, you will never get well until your bowels are put right. Cascamers help nature, cure you without a gripe or pain, produce casy natural movements, cost you just 10 cents to start getting your health back. Cascamers Candy Cathartic, the genuine, put up in metal boxes, every tablet has C.C.C. stamped on it. Beware of imitations.

It is better to talk yourself up than to have other people run you down



**EVERY MAN** WOMAN AND CHILD who suffers from

Rheumatism

St. Jacobs Oil

It Conquers Pale, acts like magic, and has no equal on earth as a pain killer.

Price, 25c and 50c.

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Experience costs a lot, but it is usually a good investment.

Mrs. Winslow's Soothing Syrup for children teething, soften the gums, reduces inflamma-tion, allays pain, cures wind colic. 25c a bottle

The self-conscious fool worries over

Piso's Cure cannot be too highly spoken of as a cough cure.—J. W. O'Baras, 522 Third Avenue, N., Minneapolis, Minn., Jan. 6, 1900. A long ton of coal will average forty cubic feet.

# MILWAUKEE PEOPLE

Could Hardly Believe It. A Prominent Woman Saved From Death by Lydia E. Pinkham's Vegetable Compound.

" DEAB MES. PINKHAM :-- I suppose a large number of people who read of my remarkable cure will hardly believe my remarkable cure will hardly self, I it; had I not experienced it myself, I know that I should not.



MRS. SADIE E. KOCH. suffered for months with troubles peculiar to women which gradually broke down my health and my very life. I was nearly insane with pain at times, and no human skill I consulted in Milwaukee could

bring me relief. "My attention was called to Lydia E. Pinkham's Vegetable Com-pound; the first bottle brought relief, and the second bottle an absolute cure. I could not believe it myself, and felt sure it was only temporary, but blessed fact, I have now been well for a year, enjoy the best of health, and cannot in words express my gratitude. Sincerely yours, SADIE E. KOCH, 124 10th St., Milwaukee, Wis."—\$5000

forfeit if above testimonial is not genuine. Such unquestionable testimony proves the power of Lydia E. Pink-ham's Vegetable Compound over

diseases of women. Women should remember that they are privileged to consult Mrs. Pinkham, at Lynn, Mass., about their illness, entirely free.



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The reputation of W. L. Douglas \$3.00 and \$3.50 shoes for style, comfort and wear has excelled all other makes sold at these prices. This excellent reputation has been won by merit alone. W. L. Douglas shoes have to give better satisfaction than other \$3.00 and \$3.50 shoes because his reputation for the best \$3.00 and \$3.50 shoes must be maintained. The standard has always been placed so high that the wearer receives more value for his money wearer receives more value for his money in the W. L. Douglas \$3.00 and \$3.50 shoes than he can get elsewhere.

W. L. Douglas sells more \$3.00 and \$3.50
shoes than any other two manufacturers.

W. L. Douglas \$4.00 Gilt Edge Line
cannot be equalled at any price.



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