

Disinfect the incubator after each

Breed the sows this month for September pigs.

Too heavy feeding of the sows may lead to the sickness of her pigs.

Shoulder or back sores on a horse are a reproach to the owner of the

Now is the time to plan for succulent food for the time when the pasturage will become poor.

of the farmer's indifference to the value of cleaned and pure seed. A little care is all that is necessary

Many a weedy field is the product

to keep the collar and harness from chafing the horse and developing Provide a breeding plot where you winter.

can grow your corn under special observation and provide improved seed for use next year. Proper orchard cultivation can only

acter of the soil, slope of the land, age of the trees, and the varieties. Look out for bloat in the sheep when turning out to pasture. Break them in slowly. Turn them on the

if you start early. Look out for red rust in the blackberry patch. When seed promptly dig and the time of year when the midup and burn the infected plant, being day sun is strong, do not forget that

Don't yank and pull the horses around and shout at them. This is the surest way of not getting them to do what you want done. The horse is an intelligent animal, if you are habit of doing your farm work on time

over healthy bushes.

There is only one way to keep bacteria out of milk and that is by way cheese. Cheese sold off the farm of cleanliness. The milker needs to takes more nitrogen with it than butbe clean, the cows need to be wiped ter, the loss being about one dollar's off, the milking needs to be done worth of nitrogen for every 1,000 through sterilized cheese cloth, the pounde of milk used. If you sell butmilk removed from barn at once and ter you sell only the butter fat, which cooled and then set where it will not has no particular fertilizing value. If be affected by dust or odors.

the good wintering of your cows. milk. There can be no objection to While your neighbor's cows which were only half fed through a mistaken idea of economy are responding but poorly to the green pasturage, your cows have leaped right to the top notch of a splendid milk flow. Makes you feel good, don't it. And the cows tablished upon a horse's leg is hard feel good, too.

The Minnesota experiment station has proved that a dangerous medium in the distribution of tuberculosis is the manure of infected cattle, which, in its dry form, may readily be blown into milk in the stables. The utmost care should be taken to isolate all cattle known to be, or suspected of being, affected with tuberculosis, not only for the safety of human life, but for the welfare of the herd.

Here is a point to remember in caring for your stock next winter. Some recent tests have shown the value of good quarters and plenty of bedding for fattening animals. It was shown that when a steer is standing up he uses from 30 to 50 per cent. more food for making body heat than culent herbage, it is so readily eaten he does when he is lying down. Provide plenty of bedding and get the to soon begin the feeding of corn to most growth.

Now do consider the matter of sending your boy to your state agri- A great many farmers do not apprecultural college. He ought to be a bet- ciate the value of clover to the growter farmer than you, no matter how ing pigs. If they cannot be pastured successful you have been, and the on it they should have it cut and way to make him so is to put him in brought to them. Alfalfa is of the a position where he can learn the lat. same general nature and can take the est and most scientific agricultural place of clover where it can be grown. methods. He can get the theoretical knowledge at school and you can keep One successful horticulturist tells Thomas Yancy, an old ex-confederate Yancy received a letter from Arkansas Not only was Dr. Rand the first practical knowledge.

Fight the weeds with the sprayer. Prof. H. L. Bolley of North Dakota has shown by experiment that certain cheap chemicals like copperas, also sadt, can be used as a spray on the young weeds so as to kill or retard them effectively without injury to the growing crop. The method is cheap where other methods of control are difficult to apply. The tests with this process have been extensive enough they produce. Again, spring-set to show that it is likely to become plants do not have so many leaves as ago. From this spring comes the waa permanent method in the grain when fall-set, which are apt to get ter used in the stillhouse. After it had growing states. The experiment sta- so large and bushy that it interferes tions score again and prove once more with pollenization of the blossoms. As officers made a raid and Bill Staten the wisdom and value of spending pub- to quality of fruit, it is of better lic funds in maintaining them.

There is only one cure for the sheep

Scaly legs can be cured by application of coal-gas tar.

It is the early lamb to the market which catches the highest price.

You like your bath and the horse likes to be curried. It does him good,

Manage the pasture as would a hayfield. It is a most important and valuable part of the farm.

The cow that has been intelligently wintered will now give good report of herself as she gets on full grass.

As a rule it does not pay to doctor. poultry. Preventive measures are bet ter than all the remedies you can find.

Give the lawn clippings to the hens and the little chicks, if they are confined in yards. They will make good use of them.

Exchange ideas with your neighbor. give him a helping hand occasionally, speak the encouraging word, be really and truly neighborly.

The second corn exposition is booked for Omaha next December. Go in and try for some of the many prizes which will be offered.

A good cow poorly kept needs a new master, a poor cow well kept is unprofitable, and should be sent to the butcher to make room for a good

Pumpkins growing in the corn rob the corn of nothing which it needs, and it gives the farmer an abundance of good feed for the cattle during the

Keep in touch with the young stock during the summer. Visit them at least once a week. Take them some salt. In this way you will keep them be determined by understanding charfrom getting too wild.

Blue grass provides the most satisfactory pasturage as it forms a firm cod not injured by the tramping of the cattle. It is a persistent grower, grass after giving the customary and it is rich in protein.

Almost every farmer will find the Don't let the warm weather catch silo a profitable investment. By its you without having cleaned and aid you can provide succulent feed white-washed the poultry house. It for the cows the year round, and thus is easier to keep the lice pests down keep the milk flow up to the top notch

With the coming of warmer weather careful not to scatter the fungus dust the sheep and lambs need shade. If there are no trees in the pasture, provide some kind of shelter. One can be made out of rough boards and thatch roof in the fence corner.

Get the habit! What habit? The and according to the most approved methods. In other words get the habit Learn to be patient. Don't fret over of getting out of the ruts and staying the weather. God has been sending out. The farmer is the most prone to the seasons around one after the other get into habits that are bad and then for millions upon millions of years and sticking to them, so that it is hard to be-He knows what He is about. You can- lieve sometimes that he has any sense not improve on the Divine program, at all. Get the habit of getting out of much as you think you could, some- the old bad habits and getting into good new habits.

Feed the skim milk, don't make you get your skim milk back and feed it to pigs you save at least 75 per Now you are reaping the fruits of cent. of the fertilizing material in the making and selling cheese, however, if the plan of farming includes some means of restoring the nitrogen and phosphates sent out in this way.

> Ringbone that has become firmly esto treat. Firing seems the most satisfactory method, but this should be done by a good veterinarian. In its early stages ringbone may sometimes be cured by proper shoeing which will straighten the foot and relieve the strain which causes the trouble. Ringbone is caused by injury to the tendons of the foot or by blows, sprains, or overworking before the bones have been fully formed and hardened. It is regarded as one of the diseases which may be transmitted by heredity, or, rather, the tendency to it may be transmitted.

Pigs in the clover now mean dollars in the pocket next fall. The clover supplies the young animals with the material out of which to build up a good frame. When clover is fed in abundance in the form of green, sucand digested that it makes it possible advantage. It has been found that under such conditions the pigs make an economical growth on corn and clover.

how he raises fall strawberries. He says: I set fall-bearing varieties in the spring, setting them about one foot apart in the rows, and rows 30 inches apart. I remove all fruit stems up to July 20, also all runners, if any appear. The reason I prefer setting in the spring is because most of the plants will send out new roots from the crown, which will not die in August and September, as is the case enough to be employed in grain-fields with fall-set plants. This is very important, as the plants need good, strong roots to mature the large crops flavor than summer berries.



"A WATCH" LEAVING-THE STEAMER INPURSUIT OF SEAL SEEN FIVE MILES AWAY

\$60,000.

late region could scarcely be found. en to death on an ice-floe. The Arctic current, sweeping south- Indeed, the whole business is very form the food of the seals.

found on the ice. Mostly taken in net, it is commercially of small importance. The harp seal—the seal of commerce -is so called because it has a broad curved line of connected dark spots proceeding from each shoulder and meeting on the back above the tail, forming a figure something like an ancient harp. The hood is much larger than the harp. The male, called floes off the Labrador coast.

With the gaff the hunter delivers a sharp blow upon the nose of the seal, the most vulnerable point, and in the at work, and the skin with the adhering fat is detached rapidly from the carcass, which is left on the ice. The pelts, as the skin and adhering fat are called, are then bound up in bundles and dragged over the hummocky ice to the side of the steamer. The old seals are not so easily disposed of as on the younger ones. He is therefore shot with a rifle. Each squad of sealhunters carries at least one gun, intended for this purpose.

Naturally, the largest industry in | The men do not cease their work Newfoundland is the cod-fishing, but until there are no more victims in decidedly the most picturesque is seal-sight, or night closes in. Sometimes hunting, one of the most perilous of they go several miles away from the the world's vocations. From 8,000 to vessel, and are obliged to remain on 10,000 men are regularly employed in the ice-cake until morning. This is a it, and many an exciting adventure do very perllous situation, for the reathese men experience in their quest for son that at times gales come up which the valuable skins of the seals. We break the fields into small pieces, or are reminded of the dangers en blizzards come on in which many a countered by the fishermen when we hunter has been frozen to death. Last read in a telegram from St. John's season a party of five hunters missed of five sealing steamers being badly their steamer and were only disdamaged by ice-floes, one having sunk covered two days later. Two of them with the loss of 20,000 skins, valued at succumbed as a result of their exposure to the cold, while the third is fields which drift southward in the right arm and side, and unable to do spring of each year from the Arctic any manual work. A few years ago regions, and a bleaker or more deso- 48 sealers from one vessel were froz-

CROSS THE ICE TO

ward along the coasts of Labrador and risky and dangerous. Apart from the Newfoundland, carries with it a va- possibilities of the men being lost on riety of animal life, and is one of the the ice, the steamers are liable to be great feeding grounds for deep-sea fish crushed in the ice or to go down in a such as cod and mackerel, which gale. During one hunt the sealing steamer Huntsman was crushed by the There are four species of seal in the ice off the coast of Labrador, and waters around Newfoundland and Lab. over 100 men perished. A few years rador—the bay seal, the harp, the ago two steamers, the Bloodhound hood, and the square-flipper. The bay and the Retriever, were also crushed seal does not migrate like the others. in the ice, and sank, but their crews. but frequents the mouths of rivers and numbering over 500 men, managed to the harbors near the coast. It is never reach Battle Harbor, on the Labrador coast, over the ice, after enduring great hardships. Another steamer, the Monticello, also sank in consequence of injuries received from the ice, but her crew were all saved. They were picked up in a most deplorable condition by another vessel. The men had subsisted for several days on raw seal-meat.

As already stated, the ships return by the hunters "doghood," is distin- as soon as a sufficient number of pelts guished from the female by a singu- has been obtained. Sometimes a veslar hood or bag of flesh on his nose set is back in harbor again in a couwhich he can inflate and use as a ple of weeks laden to the gunwale protection. The square-flipper is iden- with as many as 30,000 or 40,000 pelts. tical with the Greenland seal, but is The crew of a single vessel has been only occasionally met with on the ice- known to capture as many as 20,000 seals in seven or eight days. The The gathering together of the two crew of the seal-steamer Neptune segreat herds of seals, the harps and cured, a season or two ago, 42,000 the hoods, at the same spot and pre- seals in 18 days, the pelts filling not cisely at the same time every year, is only the hold, but being piled upon one of the most interesting facts in the decks as well. The watchers at natural history. Up to the middle of the harbor know at once whether a February the seals have been wander- vessel has been successful, for it is ing all over the ocean, but just at this the custom to hang a broom aloft if time they settle down on the ice-floe the catch has been a particularly good or anchor-ice, a great plain usually one. Sometimes, however, a steamer frozen in solid with the land and sur- is unlucky, and after buffeting about rounding islands, for the purpose of amongst the ice for seven or eight weeks, returns with only enough skins to pay bare expenses.

The moment the cargo is landed the skinners go to work and separate the case of young seals this blow is in- skins from the fat. The former are stantly fatal. In a moment the man salted and stored ready for export, By is on his knees, his large jack-knife is means of steam-driven machinery the fat is cut up by revolving knives into minute pieces, then ground finer by a sort of gigantic sausage machine, afterward steamed to extract the oil. then exposed for a time in glass-covered tanks to the action of the sun's rays, and finally barreled for exportation. The annual catch of seals this. The skull and the hide of the ranges usually from 200,000 to 300,000. dog-seal are frequently so thick that and the annual value of this industry he cannot be killed with the gaff used to Newfoundland is over a million

H. J. SHEPSTONE. Confucius: Gravity is only the bark of wisdom, but it preserves it.

BRANDY AGED IN THE EARTH

Three Demijohns of Liquor Recovered good his escape. Many years elapsed After Thirty Years.

of lost treasures found, but the find by cently, to his great surprise, Thomas him by common consent. soldier, equals that of any yet told. from Lorance, telling him of certain It brings back to the older residents things to perform, and he could have of this section memories of the past three gallons of apple brandy made when they used to thread through the in that old stillhouse over 30 years thickets and forests and swampy lands ago. At first Mr. Yancy was increduhereabouts. During those days, over lous, but he finally carried out the plan 30 years ago, there stood near what is now known as "Old Shady Grove" bridge a stillhouse known to every man in this section. This stillhouse was owned and operated by Bill Staten. Not far distant, coming out of the side of a red clay hill, is a beautiful bubbling spring running the same today as it did nearly half a century operated for many years the revenue going to give "Hamlet." was captured and sent to jail, but Sta- now, you know, and I couldn't, of the field and a deep ravine and joined it clear and admit none but pleasant

and meanwhile Staten had died, but nothing was known of Lorance. In fact, designated by Lorance, and went to the old spring, made 27 steps due north, and there dug up three demijohns of one gallon each of the hidden treasure. The wine glasses were still were buried.-National American.

Tragic Comedy. Mrs. Hicks-Are you going to the private theatricals to-night? They are

ten's assistant, T. B. Lorance, made course, go and see anything funny. the command of Gen. A. H. Barnum. thoughts. It is in your power.

I love; A sabre, long since sheather, And rusted in its scabbard, A cap of blue, A pair of dingy chevrons. These tell to me a story old as Of love of country Of war and strife and sacrate.
That fight might live.
How eding as a boy beside.
Did the wearer of these vest Of these war imple Tell me of those days of parnag Of the long wearisome marches,
Of the initing ht vigils of the lone se
Of the change, Of the deadly whistle of shot and shell, Of the sabre thrust. Of all those things that try men's souls And heroes make To day be sleeps beneath a r And o'er that grave The flag he fought for floats. The garlands there placed by kindly And pay reverence to our bero dead. With howers and flags We are a mighty nation; mighty in war and mighty in period / Sprong as the world knows strength, and it is our patriotism, der love of that makes us strong.

For the love of country that possesses us we are indebted to our soldier fathers to the tales of warfare we have listened to at their knees. The boy who has heard with staring eyes and bated breath the story of the charge, of the hand on hand encounter, has inhaled patriotism with every sentence.

These tales have made of him a man, a relizion, a patriot. They have attuned his spirit to the beat of the drain and the blare of the bugle.

How many, many of these, stories have been told to me, but as I look back upon these, now, and count, there of and o'er again, those of one type seem the many many particles.

type seem the misst speasing. They are not the stories of death, of shot and shell, and shipe thrust; they are more like stories of peace.

It was at Asintal All day and well into the night the battle had waged. When the storage of the shifts again, and the long battle lines laid down upon these asters, the sentines in blue and gray; kept touch. Tired eyes made effort to pierce the santages, was were strained for the least suspicious sound. From our of the blackness of the night there came a voice.

"Yank, have you any water? I'm almost dead for a drink." "Plenty, Johnny. Come over and get it."

Both were battling for the right, as they saw the right. Both were true to their cause, seeking every advantage. Both were men, true-hearted chivalrous men. There was no fear of treachery on either side as they advanced into the darkness to meet and drink from the same canteen."

Such has always been the type of the American soldier. He goes to battle not as a paid murderer, but as a patriot. He is magnanimous, chivalence.

alrous-a man. He fights not for vengeance, but for a cause. He fights fair, as fair as war can be made. He has taught the whole world a new definition of the word "soldier."

-WRIGHT A PATTERSON.

UNKNOWN BUT NOT FORGOTTEN



The First Volunteer

(Copyright by the Author.)

HE first volunteer for the C. A certificate in the capitol of New York state at-

two prominent citizens of Batavia, N. rolled as a soldier.

ington there is none of an earlier enlistment than that of Dr. Rand and Many stories are written and told his friends thought him dead. But rethe honor has therefore been given

tinguished gallantry in action.

Ford, Va., in less than three months is said to have been far above the after his enlistment. His command average. Dr. Boyakin was born in was ordered to retreat, and every man North Carolina and when he was a obeyed save young Rand, at the time year old his parents removed from but 18 years of age. The rest of his that state to Tennessee in a caravan battalion of 500 men was swept in dis- of 100 two-wheeled carts and in conover the mouths of the jugs as they order from the field, but Rand held structing the whole outfit there was his ground, despite the fact that the not a pound of iron used. field was plowed by shot and shell all about him. The enemy finally absolutely refused to fire at the boy standing bravely alone and firing at them as coolly as if he had a regiment biters, and those who raked over old Mrs. Wicks-No. I am in mourning at his back. Rand then crept across straw? This is your kingdom. Sweep

The congressional medal of honor was not instituted until a year later. and the first one struck off was presented to Rand for his distinguished gallantry on that memorable day at Blackburn's Ford. During the entire civil war was Dr. Charles civil war 1,080 medals of honor were F. Rand of Washington, D. distributed among the union troops for distinguished gallantry in action.

Dr. Rand's patriofism and gallantry tests the priority of Dr. have been recognized by two govern-Rand's tender of his services. This ors of the state of New York and by certificate is signed by the mayor and three presidents. He was twice personally honored by President Lincoln: Y., and also by the county clerk and New York state remembered him with the sheriff of Genesee county, stating, a gold medal appropriately inscribed. that in less than ten minutes after and the United States government has the call for troops by President Lin- presented him with a plot in the most coln. April 15, 1861, for 75,000 men beautiful part of Arlington cemetery, the name of Charles F. Rand was en- where, at the proper time, the state of New York will erect a monument Among the war records at Wash- worthy of the first man to offer his services.

Memorial Day Address.

Perhaps the most remarkable Mevolunteer for the civil war, but he that delivered at Marysville, Kan., by was also the first soldier to win the Dr. Williamson F. Boyakin, who was congressional medal of honor for dis. the Grand Army orator on the 100th anniversary of his birth. In matter This event occurred at Blackburn's and manner and delivery the speech

> Keep the Mind Clear. Think of your mind as your castle. Would you entertain grumblers, back-



laurel wreath for each good gray head, Honor for each of the scars they bear;

Sighs for the ills that they had to share Love for their hope when hope had fied From the weak who cowered in pale de-

Fame, but not for the shame of those Who fell for a cause that was better Cheers for their love of the gallant foes Whose bayonets by their own were Love for the grace that the hero shows To the vanquished foe who has paid the

A laurel wreath for each good gray head, Cheers for the heroes marching by; Tears for the blood that they had to shed, For each of the ills that they bore a

Love for their faith when the streams ran And despair was written across the sky.

SCYTHE HIS

in in Tree Where Youth Hung ! TT HEN the territory about Waterloo, in New York state, was sparse-

ly settled the principal industry was the hewing of timber from the forest along the Seneca canal. At a point known as Log Landing, midway between Geneva and Waterloo, the woodchoppers were wont to gather and tell their stories of early Indian fights, and here young Hyman Johnson, a farmer boy, first learned of the impending disaster to the union if the southern states were allowed to withdraw from their early affiliation. One day in 1861 Johnson, who was then 21 years old, was mowing a lot on the farm. A neighbor drove up bearing the tidings that the call to arms had been sounded. Without hesi-

was, and he said: "Mother, Lincoln needs men. I am

tation the youth walked to the house

and placed his scythe in the crotch of

a young Balm of Gilead tree. His

mother asked him what the matter

going to war." "What, Hyman? You, my son, going to enlist?" "Yes, but do not fear any harm will

come to me. The war will be over in a month. The southerners cannot face the troops from the north for more than that time. When I return I will mow the rest of the lot. Leave my scythe in the tree until I return."

His regiment marched to the front to the stirring martial music, and was often in the fighting line. The mother, true to the words of her boy, left the scythe as it had been placed. Johnson came home a year later on a furlough. and laughed at the almost forgotten incident of the implement and its posi-

He inspired hope in the hearts of those who thought of nothing else than his safe return by saying: "I will yet be back to mow that lot."

Soon after returning he was captured in a skirmish and became a prisoner in a southern pen, from which escape was impossible. Disease laid hold upon him and he died surrounded by enemies. He was buried in an unknown grave with hundreds of his comrades.

Meanwhile the tree grew apace and the blade became partially imbedded in the trunk of the tree. The handle rotted away, but the steel remained fixed in the wood.

A general proclamation was issued from the White House declaring one day should be set apart as a time for memory of those who had fallen while defending their country. It was the first Memorial day. Word of the proclamation was carried to Mrs. Johnson, but she had no grave to decorate. She fain would strew a few flowers upon the spot wherein her boy lay, but its location must ever remain a mystery. Kneeling in the garden, she offered a short prayer. Then she plucked a few lilles from the plot she tended daily, and, making a wreath, she bore it to the tree which go such a grim reminder of her sacrifice to her country. With a caress she reached up and hung the wreath upon the scythe point.

Memorial day has long become an established anniversary. Many years have passed since Mrs. Johnson was laid to rest in the village cemetery. The old home is exactly as it stood in the day of the civil war, but is occupied by another family.

HOLD FLAG IN REVERENCE.

Public Sentiment in America Concerning the National Banner.

While the print-flag manufactories are busy all the year, October, November, December and January are the strenuous months.

Not the least notable feature of the development of flag sentiment during the last decade is the growing demand for flags of the better grade. Public sentiment concerning the American flag was never so reverent as to-day. There are three days of the year when the flag is more in evidence than at other times.

The first is May 30, Memorial day, when the number of flags used is far greater than at any other time. Next comes Flag day, June 14, the anniversary of the adoption of the flag. celebrated especially by the public school children. And then there is July 4, Independence day, when the flag and the firecracker hold undisputed sway .- From "Making the Stars and Stripes," by Abbie L. Heffern, in Circle.