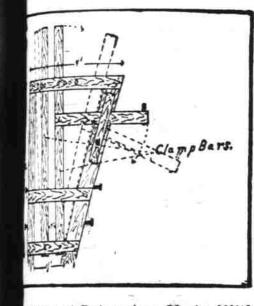


m Should Be Performed Early to Permit Wounds to Heal Before Fattening.

by the I nited States Department of Agriculture.) intended for the feed lots diter should be dehorned early to permit the wounds to heal they are ture on full feed. Deoffers advantages which the should not dverlook. The catmore easily and safely handled dehormed, and each animal is asid fair play at the feed trough. ning also prevents the bruised not the flesh and torn hides d by goring both in the feed lots atransit to market, as well as exshrinkage in shipments. Deis should be done in late fall or sible.

minter. most common method of deat cattle is to saw the horns off, the used, though there are ha condition to heal readily.

te use of dehorning clippers is bemore more aborned and where they are deat before the horn becomes hard wittle. The chief objection to de- to the tree.





Mistakes in Forming Head or Results of Neglect in Early Years Are Irreparable.

Prepared by the United States Department of Agriculture.)

The principal objects sought in pruning may be summarized as follows 1. To modify the vigor of the tree. 2. To keep the tree shapely and within bounds. 3. To make the tree more stocky.

4. To open the tree top to admit air and sunshine.

5. To reduce the struggle for existence in the tree top.

6. To remove dead or interfering branches.

7. To renew the vigor of the tree. 8. To aid in stimulating the development of fruit buds. 9. To secure good distribution of

fruit buds throughout the tree. 10. To thin the fruit.

11. To induce uniformity in the ripening of the fruit. 12. To make thorough spraying pos-

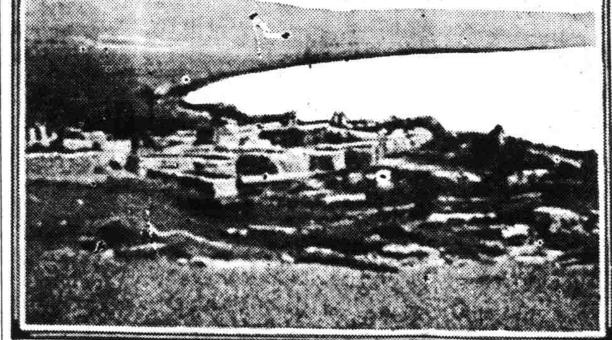
13. To facilitate the harvesting of the fruit.

The pruning which a tree receives in this purpose an ordinary meat during the first two or three years after it is planted has much to do with its future. Mistakes in forming the for the operation. By this head or the results of neglect during and a good clean job can be done the early years in the life of a tree stype of horn, and the wound is are practically irreparable. On the other hand, if the tree is well formed and properly pruned during its first common, especially years, the foundation of a good tree at large number of cattle are to is established; subsequent errors in pruning, if they occur, may admit of correction without permanent harm

> In general, the proper time to prune peach trees is during the dormant period, preferably in late winter or early spring, just before growth starts, except in regions where bleeding from



POLK COUNTY NEWS, TRYON, N. C.



#### Lake of Galilee at Magdala.

HE district of Palestine which instances contain rapidly descending is the basin of the Jordan. Here, in water, a rich alluvial soil, and a semiunder scientific direction should produce astonishing results. For centu-Masterman in the Sphere.

Huleh, traversed by the four tributary | mediately to the south. These sulphur streams of the Jordan, is capable with springs, as well as those south of little engineering of receiving irriga- Tiberias, also developed in Roman tion in every part. In some districts, times, and of the ancient Callirrhoe at the head of the valley where this springs, visited by the dying Herod the has been done, very striking results Great in hope of cure, in the Wady further end of the plain lies the marsh properly developed. They have, even and shallow lake of El Huleh. Here under the primitive conditions obtainprobably a good deal of land might be Ing today, proved of benefit to rheurecovered for cultivation by drainage. matic affections, and are visited by the This was done to some extent a few natives at certain seasons. The water years ago by deepening the bed of the of some of these springs reaches a tem-Jordan a mile or two below the lake, perature-independent of the seasonand much marsh land was recovered. of 143 degrees Fahrenheit, but all To the south and west of the Huleh gradations of heat down to the merely are splendid corn lands, hence the pleasantly warm occur. lake's second name. Baheiret el Khait, the "Lake of the Wheat." maize, hemp, and probably cotton could | then filled this valley-which is a good all be profitably cultivated, while other | corn land, while nearer the Jordan parts might be planted with poplars some of the lower ground can be easily for timber, and with apricot and peach | irrigated. How far the whole 60 miles orchards, as is done with similar lands of the Jordan valley between the two around Damascus. slopes between the Huleh and the Lake from the views of one expert from of Galilee is scarcely likely to afford India who visited Palestine when I scope for irrigation, but in the great was there, that water can be distributdescens of the Jordan, 689 feet in nine | ed over the greater part. It will need, source of power sufficient to produce, deal with the valley as a whole. Ceruse for many miles around. lie the two fertile and easily irrigated the Vale of Jezreel to its west, the plains, El Bataihah-the Jordan delta | Wady Fara, running from Nablus to this latter Josephus writes: "Extend- dan around the Wady Zerka (the Jabbearing also its name, lies a tract of at present in a very incomplete way, country admirable both for its natural from Ain es Sultan (Elisha's fountain) properties and its beauty. Such is the and Ain Duk. fertility of the soil that it rejects no plant, and accordingly all are here culsigned."

contains the greatest possi- torrents, even in some places waterbility of rapid development falls, suitable for supplying mechaniunder a settled government cal power. The greatest of these is the Yarmuk valley, up which the Haifa this great and unique chasm and its railway ascends toward Damascus. tributary valleys, we have abundant This is the Heiromax of the Greeks, and here shortly before the valley tropical climate, a combination which opens into the main Jordan valley there is a group of hot sulphurous springs, amid which lie the ruins of ries the resources of this region have the baths and theater of the Greek setbeen neglected, writes Dr. E. W. G. itlement of Amatha, a health resort for

the great city, Gadara, whose abund-In the north, the fertile plain of the ant ruins crown the mountains imhave been obtained. In this district Zerka Maan, are all undoubtedly valurice is now cultivated. At the able assets to the land and should be Immediately south of the Lake of Galilee is a fairly level plain-once In the Huleh valley as a whole, sice, the bottom of the great lake which lakes is capable of complete irrigation The district of rocky, volcanic hill is a question for experts, but I gather miles, there exists an economical however, a big scheme, which must if properly utilized, all the electrical tain spots are naturally well provided energy needed for public and private with springs and streams, and have in the past been very well watered, To the north of the Lake of Galilee notably the district around Beisan and -and El Ghuweir, or Gennesaret. Of the Jordan, the eastern side of the Joring along the Lake of Gennesaret, and | bok), and the Jericho district, watered Water Supply in Roman Times. In the Roman era the Jericho plain tivated by the husbandmen; for so was also watered from the Wady Kelt genial is the air that it suits every by a series of aqueducts, the ruins of variety. The walnut, which delights which exist today, and the whole neighbeyond other trees in a wintry climate, borhood must for miles around have grows here luxuriantly, together with been a mass of gardens, orchards, cornthe palm, which is nourished by the fields, and palm groves. In Crusading heat; and near to these are figs and times sugar was cultivated here, and olives, to which a milder climate is as- some ruins are now known as Tawahin es Sukkar, the sugar mills. Even today there are extensive fruit gar-Gennesaret is watered by several dens of oranges, lemons, bananas, and streams, some of which in the deep dates, and a great deal of wheat and valleys through which they emerge barley is grown on irrigated land in support groves of lemons, oranges, and this neighborhood. In the various other trees. They also supply a num- parts of the Jordan valley may be sucber of mills. With a proper scheme cessfully grown, besides wheat, barley, the abundant water reaching this plain | and maize, dates, bananas, grapes, figs, might be distributed to every part, and oranges. lemons, apricots, vegetables, Limbs-Weight of Small Grop Would the district be thus restored to a con- and in all probability rice, cotton, and sugar.



Oh for a booke and a shady noske Either in doors or out; With the green leaves whispering overhead Or the street cryers all about. Where I maie read all at my ease

Both for the newe and olde; For a jollie good booke whereon to Is better to me than golde.

## MEATLESS DISHES.

Peanuts and peanut butter are foods which take the place of meats and are Aim is to Secure Uniformity and Es-

> cheap in price. Various other nuts, when reasonable in price and equally nutritious, should be used often to take the place of Peanut Loaf .---

Soak a quart of fine bread crumbs in milk; mix with it a cup of shelled peanuts finely ground; add an egg well of trading in the article. beaten, and salt and pepper to taste. Mix as the usual meat loaf and bake which apply in the process of producabout as long. Serve with tomato tion the principal points considered sauce. Cook a pint of tomatoes with are size, shape and color. half an onion, four cloves, a piece of bay leaf, sprig of parsley and a blade of mace. When well cooked, strain. Put two tablespoonfuls of butter in a breeds are divided into varieties differsaucepan, add a slice of onion, brown ing in color, but identical in every and add two tablespoonfuls of flour. | other respect. When smooth add the tomato; season with salt and pepper and serve.

Pea Timbales .-- Cook a pint of peas until tender, then mash through a colander and beat the pulp to a paste. To this add two well-beaten eggs, two tablespoonfuls of melted fat, onion juice; pepper and salt to season. When well blended, place in buttered molds and bake until done.

Peas on Toast .-- Prepare a rich, white sauce, stir in a few cooked peas, season well and serve on buttered toast. This is a simple and easy dish to prepare, but most wholesome and nutritious. Asparagus prepared in the same way with a hard-cooked egg or two is a well-relished dish and very



tablish Series of Grades as Basis of Trading.

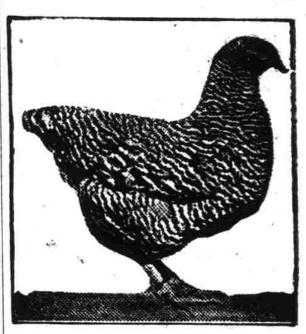
(Prepared by the United States Department of Agriculture.)

The object of making standards for poultry is the same as the object of making standards of weight, volume, or quality for any product or commodity; that is, to secure uniformity and establish a series of grades as a basis

In making standards for poultry

Size and shape are breed characters and largely determine the practical values of poultry. Many standard

Color is not a primary utility point, but as a secondary point often comes in for special consideration. For enample, a white variety and a black variety of the same breed are actually identical in table quality, but because black birds do not dress for the



mt View of Dehorning Chute With liping Side Showing Clamps Closed -Dotted Lines Show Open Position.

ming with the clippers is that thin it heals slowly. This objection is my overcome by using clippers that constructed with two V-shaped Mes, which, when pressed together, m four cutting edges against the m lessening the tendency to crush munter the horn.

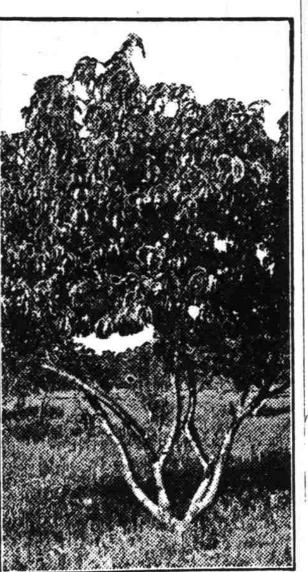
number of methods of restraining is during the dehorning operahave been practiced. Where only tw head are to be dehorned, the titiest way is to throw the animal the ground and hold it or tie it sebey until the horn is taken off.

Men a considerable number of catine to be dehorned, it will pay to struct a dehorning chute. Plans that has proved very satismy for this purpose are given This chute is made narrow so that the animal will not <sup>th</sup> room to struggle a great deal, with a stanchion-shaped head mag at one end for holding the ani-Is head. After an animal is in the and the head clamp closed a should be placed around the with a loop over the nose. The at can then be snubbed down to the a indicated on the side post. This mes one horn forward so as to make asiy removed. After one horn is moved the head should be snubbed the other side for the removal of we other horn. A chute of this kind The constructed at very low cost by bug scrap material about the farm. attle should never be dehorned durwarm weather when there is danthe wound becoming infested the screw worms. The best time to then is in late fall and early winter thring the cool weather of spring. I the weather is sufficiently cool there tery little danger of the wound be-Mining infested with screw worms. twever, it is best to apply some fly Wellent, such as pine tar or one of

wounds is likely to occur. In such regions it should probably be done in early winter. But conditions and the object of the pruning must be considered in each case. If the pruning operations are very extensive, it may be necessary to prune throughout the winter whenever the weather is suitable for men to work in the orchard. If the fruit buds are endangered during the winter by adverse temperatures, it may be advisable to delay pruning as much as economic conditions permit until settled spring weather arrives. This is especially advisable if heavy heading in of the

previous season's growth is involved, and horns are sometimes crushed | since the proportion of live buds may silitered, resulting in a wound determine the extent to which the cutting back should be carried.

> A limited amount of summer pruning can usually be done to advantage. The trees should be observed constant-



Badly Pruned Peach Tree Where Bear. ing Wood is Near Extremities of Be Likely to Break Limbs to Serious Extent.

ly throughout the season of active growth. Whenever a branch is seen to be so placed that it obviously will need to be removed at the annual The coal-tar products to the wound. pruning for the shaping up of the tree,

### Fish Supply of Gennesaret.

dition at least as fruitful as that described by Josephus as existing in Roman times. Jewish colonists have al-

As the northern shore of the Dead sea is approached the soil becomes inready in parts of the district greatly creasingly impregnated with salt, and added to its productiveness. All along only supports tamarisks, reeds, and the northern shore, where some of the other salt-loving plants. The sea is itsprings feeding the lake are weam, the self a vast storehouse of salt, particufishing '; specially good; out, indeed, larly at Jebel Usdum, where there is minced black walnut meats. Serve on it is well to take it off at once. In this the waters of the Huleh, of the Lake a solid mass of crystallized salt rising lettuce with French dressing.

ustaining

Scalloped Cheese .-- Cheese in its different forms is an excellent substitute for meat. Cottage cheese, which may be made in the home, is a most versatile one to use in many ways. Take any good flavored cheese, cut in small pieces and use in layers in a baking dish with small cubes of bread; repeat until the dish is full. Beat two custard over the bread and cheese and are not salable. bake until set. Serve hot as a luncheon or supper dish.

A poem every flower is And every leaf a line. The empty spit, ne'er cherish wit; Minerva loves the larder.

#### USES FOR LEFT-OVER CHEESE.

Cheese is so nutritious, an ounce being equal to two ounces of meat, with-

out its waste. Cheese is particularly good with starchy foods and foods bought in such quantities that there need be no waste, as it molds very easily. Grate all the

small pieces left over and put them in a glass with a tight cover; keep cool and dry. Cooking cheese at too high a temperature makes it difficult of digestion. When possible, cook it at a low temperature or in the hot mixture just long enough to melt it. A tablespoonful of cheese will add flavor to some dish, and not even a scrap should be thrown away.

Onions cooked and then baked as an escalloped dish with white sauce and cheese is a very fine dish. Cabbage cooked in the same way is also good.

Fried Cheese Sandwiches .- These are sufficiently sustaining to serve as a main dish with a salad. Take thin slices of cheese, sprinkle with pepper and salt or other seasoning if liked, put as a filling into sandwiches, then brown the sandwiches on both sides in a little hot olive oil.

Cottage cheese with raspberry jam makes delicious sandwich filling. Crackers heaped with grated cheese and browned in the oven or heated until the cheese melts is a most tasty accompaniment to a cup of tea.

Cheese Balls .- Add a dash of tobasco sauce to a small amount of cottage cheese which has been well seasoned; make pink with paprika and roll into small balls. Roll the balls in finely

Mature Early Hatched Pullet.

eggs, add salt and pepper to taste and market as clean and nice looking as mix with pint of milk. Pour this white ones, it often happens that they

> When a flock of fowls is kept for egg production only, uniformity in color is much less important than approximate uniformity of size and type, yet the more attractive appearance of a flock of birds of the same color justifies selection for color an far as it can be followed without sacrificing any material point.

When a poultry keeper grows his own stock year after year he ought by all means to use stock of a wellestablished popular standard breed By doing so and by selecting as breeders only as many of the best speciment lacking in fat and flavor. of the flock as are needed to produce Cheese should be the chickens reared each year, a poultry keeper maintains in his flock a highly desirable uniformity of excellence in every practical quality and with little extra care and no extra cost can have a pleasing uniformity in color.

# CHICKENS TAKE FIRST PLACE

Some Reasons Why They Lead in Scheme of Poultry Production-Utilize Much Waste.

(Prepared by the United States Department of Agriculture.)

Chickens, in any general scheme of poultry production, of course must take first place. They are best adapted to general conditions, take a wider range of feeds and convert them, perhaps, with the greatest margin of profit. Chickens, better than any other class of poultry, utilize table scraps and the general run of waste from the kitchen door, all the way from apple and potato parings to sour milk. Chickens far surpass all other kinds of pealtry in salvaging waste grain from the stables, from the shed or lot where the cattle are fed, and from hog pens. During the winter months on farms where any considerable number of live stock are kept, the hens would take their living from these sources with only slight additional feeding from time to time. Chickens are great destroyers of insects, including many injurious forms, in yard, pasture and orchard. They utilize also many

Matruction of two types of simple	way the annual pruning can be re-	of Galilee, and of the Jordan itself	100 feet to 150 feet above the Dead	Hashed Brown Potatoes With Cot- tage CheeseChop cold boiled pota-	grasses and weeds, and seeds from the same, that would otherwise be of no	
M Satisfactory dehorning chutes,	duced to a minimum and the removal	abound in fish of which the larger	sea, or unknown width, and running	toes fine and season well with salt,	use. Except in isolated instances the	
Medotted lines in both types of chute	of large limbs will rarely be neces-	varieties are all wholesome and pala-	for seven miles along the shore.	pepper and onion juice. Mix with		
the head clamps when open, and lever in both	sary.	table. The fishing industry has not yet	Suited Him, All Right	enough milk to help brown when		
lever in both cases is used for	Then, too, it frequently happens	been exploited for the benefit of the	The Dominie-"I'm glad to see you			
ting the head clamps after the ani-	that a single branch in the top of a	public.	The Dominie Im glad to see you	with some sweet fat or oil. Cook the		1.12
we head is in position. The sides	tree will grow considerably faster	Debouching upon the lake from	realize what our country is fighting	potatoes slowly without stirring until	a state of the second s	
at are shown in the plans can be	than any of the others, making the	both east and west are several valleys	for. This war will make the world	they are brown underneath. Mean-		
be for either type. The gate is con-	tree unsymmetrical if the growth of	which in their lower reaches contain	a better place to live in. Detendre	while mix cream with cottage cheese		
Mient for letting the animal out of	the branch is not checked. A slight	streams that can be utilized for irriga-	rinning to do all de work."-Life.	until it spreads easily, adding chopped	TURKEYS GIVEN FREE TRANGE	
te chute and also for branding and	heading in as soon as such a tendency	tion, and in their higher parts in many	ginning to do an de work.	onion, chives, parsley or pimentos, a		
sinating.	in apparent			little left-over ham, or chili sauce, and	Two Broods in One Flock Ane Easy to	
SHEED TO A	well balanced.	PLAN TO KEEP BRASS CLEAN	polish, which has the characteristic of	a star and a star a star of the star of th	Care for-Larger Number	
HEEP TO CLEAN OUT WEEDS	KEEPING OUALITY OF FRUIT		I SIMININE LINE BUILTUULIULIA CONTRACTOR		Is Not Favored.	
Com	KEEPING QUALITY OF FRUIT	Where It is Difficult to Use Liquid	cluding the rubber footboard covering.	The said flower if not		
Common Practice to Turn Flock Into			If is better to stop using the inquit	liked in the cheese, may be removed	When two turkey hens with broods	
IN TO VVAIL 1366018/1	Among Dominating Factors Are Char-		here and to polish the brass with the	a station of a minch of and-	of about the same age are turned out	ż
Eat Lower Leaves.	acter of Soil, Age of Trees and		finest grade of emery cloth. A piece	when mixing the cheese with the	on free range together they will re-	
A	Distance of Orchard	Some of the brasswork of the car,	of this cloth that has been used some what elsewhere and so has lost some		main in one flock, and this makes it	
the men is to turn the flock into	The character of the soil, the age of	the second s	WINI CISCWIICIC and by Man	Potatoes, onions and corn, all roast-	easier to hunt them up and care for	Q.
the orn field, after the corn is well	the trees, the care of the orchard—all	it has to perform, is apt to get into a		ed in the ashes of the fire, develop un-	them. It is not a good plan to have	
the corn field, after the corn is well the weeds and grass, and usually will	of these factors modify the growth of	rough state that makes it difficult to		to to J. Accord	more than this number of young poults	
the main the sheep will clean out	of these factors mound the and may affect the	keep clean. This applies to the brass	Storage batteries will ireeze unless		in one flock, however, as they may all	
bot and grass and nevelly will	the trees and fruit and may the keeping quality. The character of the	strip edging the running boards and	kent fully charged. Tires should no:		try to crowd under one or two hers	
the weeds and grass, and usually will we have any more than the lower leaves	season also modifies the keeping power	the foot plates on the door sills. It is	be allowed to carry the cars were	nellie Maxmell	be hovered.	
bot eat any more than the lower leaves	season also mountes the restrict	difficult to clean these with liquid brass	when put away for the winter.			
	of the fruit.				n	
		52° 8	N			
		A STREET	والمتحدث والمتحدث والمتحال والمتحالين	- Marine Company of the Armeder	Salar Salar	1