THE ASHEVILLE GAZETTE NEWS.

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HOW TO DEAL WITH QUACK GRASS

THIS GRASS IS NOT SO VERY EASY TO DESTROY, BUT PERSEVERANCE AND THE RIGHT KIND OF CULTIVATION WILL DO IT.

Every farmer knows how rapid is light, these white root-stocks are the increase of weeds on the farm. As a rule each farm is annually getting farmer is cultivating weeds, these are becoming more freely distributed in every field and along every roadside. The great mass of farmers and each the stocks, then, if the the great mass of farmers and each the stocks, then, if the the great mass of farmers and each the stocks, then if the the great mass of farmers and each the stocks, then if the the great mass of farmers and each the stocks, then if the the great mass of farmers and each the stocks, then if the the great mass of farmers and each the stocks, then if the the great mass of farmers and the stock the st

gardeners think to kill a weed by and harrowed, much of the grass will some royal easy process, such as mow-be killed at once, ing in a certain phase of the moon or Ordinarily I plow late in the fall or

coming from seeds,



Quack grass,

rake out the rootstocks. ground weekly during the growing better to be thorough in spring during season and do not permit the weeds a growing time than during a drouth, to go to seed, or, if this is too costly. I mean that it can be subdued faster let the weeds have their own way in wet weather than in dry. When except during the early growth of cul- very dry the underground stems retivated crops. Frequent cultivation is main dormant. Of course, small necessary to a first class yleid. patches can be dug over with a hoe. The following concerning quack Where one is neat and thorough he

ight.

grass, contains points that will apply may prefer to take two or three years to many other weeds, in the extermination, growing two or I have long considered quack grass three crops of corn in succession,

the worst weed that vexes the tiller of the soil. It is because it holds its own The climate of southern Alaska is well and spreads whenever there is a more moderate than that of Chicago. hance, and chiefly because the farmer owing to the Japan current. Zero does not recognize it until it is scat- weather is unknown, except when due tered far and wide. It is carried by to the active gales off the glaciers, the plow, harrow, and cultivator from The islands of Prince William sound one end of the field to the other. To seldom know a temperature lower have a farm well seeded to this grass than 10 degrees above zero.

is a calamity to be avoided. All that is needed to exterminate a

field of quack grass is the right kind of - likened to "Thompson's colt" who a man who will carefully observe and stood between two stacks of hay and study the plant, fighting with method starved to death because he could not and thoroughness make up his mind on which one to I have killed 100 or more patches begin.

and can speak from practical results and success. Plants of this sort canCO-OPERATIVE FRUIT MARKET-**CANE IN THE PHILIPPINES** ING.

Of all foods, fruit is the most natural, wholesome and refined. The appeal it makes is not alone to appetite, but to taste, smell, and the sense

the production of the solution ucts of the soil are-except in a few instances of recent improvementwith common sense,

by once or twice cultivating. After or dry, or even in June, and cultivate the search with a shovel-toothed cultivate every search will be the search with a shovel-toothed cultivate every search with a shovel-toothed cultivate every search with a shovel toothed cultivate every search with a by once or twice cultivating. After the cultivator he walts until the leaves are several inches high before ma^{1,1}ng the next effort. Such persons will. ways have the company of a weea after its first introduction into his field

days. Keep all green leaves from sumers at prices which the multitude To kill countless thousands of weeds showing themselves. Do not delay to can afford, and yet high enough to usands of weeds showing themselves. Do not deay to can afford, and yet man chouse is cultivate the see green leaves. A harrow that does yield good returns to the grower, is not cut off the stems below the surface being demonstrated by the successes

of the ground is not efficient. The worst luck I ever had in this attending the operations of fruitwork was in summer-fallowing a piece ined. growers' associations already organ

of quack grass during a dry year. A Conspicuous among these is the good deal of it remained dormant and California Fruit-Growers' Exchange grinding mill or refinery operated by steam could be found in the islands One year I tried the application of which now represents 6,000 growers, salt on one side of the bank of a brook and which handles 60 per cent of the sait on one side of the bank of a brook where cultivation was very inconven-citrus fruits grown in California, and handles it in such a way that both feet. Whenever seen a little at a time two barrels of salt were freely applied the points of distribution are two barrels of salt were freely applied. The points of distribution are two barrels of salt were freely applied. The points of distribution are two barrels of salt were freely applied. The points of distribution are two barrels of salt were freely applied. The points of distribution are two barrels of salt were freely applied applied. The points of distribution are two barrels of salt were freely applied applied. The points of distribution are two barrels of salt were freely applied a

with great satisfaction: During the wet and growing part of in that section .--- C. R. Barns, summer I put on tarred building

aper, taking care to have it overlap nd completely exclude every ray of but they increase the profits. Six weeks to two months is nough, possibly four to five weeks, if

he weather is hot and wet. Very likely the reader will think his method costly and will hesitate nd dally along, giving the grass a good chance to extend its domain. It as so is not worth while to plow deep or keep.

It is much

The growing of sugar-cane in the Philippines received a damaging set-back during the progress of the late nsurrection

It may be said to the discredit of

the Spanlards, lords for so long over altogether askew and out of harmony the country, that not a single canehave done much to improve the horses luxuries. in the State.



made; so that all colts, such as draft and light colts, will not be shown in the same class. Also, have pure-bred and grades shown in separate classes. more beautiful species, and large steam could be found in the islands before our occupation. Then cariboa or water-buffalo fur-nished the power for grinding up the

for the whole growing season, and the next spring the grass started up in several places ready to continue the fight, which was abandoned on that line. For five years I tried (on the banks of a brook, or where there were only small patches) the following scheme, with great satisfaction:

the importation being the largest ever ing, by local men and those secured to do the judging, should be given. ceived on one manifest.

The plant was valued at \$220,000, Colt-Shows of this kind will also do and comprised some 1625 pleces, the much to advertise the stallions in a community. One of the best ways of judging the value of a stallion is by largest weighing eighteen tons. With this huge establishment and any others in operation, the natives the crop of colts which he has sired. -W. H. Tomhave.

will have to raise cane in the fullest sense of the term to keep the wheels turning. In the interim, the sugar

Cool your milk to 5. or 60 degrees corporations of this country, and num-as soon as it is drawn if you wish it to will bein them out.—M. Wolley. It is clean. be clean than that which is otherwise by the following spring. The total method will be them out.—M. Wolley. It is clean. The following spring. The total method will be them out.—M. Wolley. It is clean. The following spring. The total method will be them out.—M. Wolley. It is clean. The following spring. The total method will be them out.—M. Wolley. It is clean. The following spring. The total method will be them out.—M. Wolley. It is clean. The following spring. The following spring. The following spring. The following spring works have been by the following spring. The following spring works have been by the following spring. The following spring works have been by the following spring.

Nearly every person, whether living in the city, village or country, takes INTEREST IN PHEASANT RAISING IS WIDESPREAD: THOUSANDS OF THE BIRDS ARE NOW SCAT-TERED THROUGHOUT THIS COUNTRY. comes to studying horses, be it at By W. L. MCATEE. Which the site

Conservation of the fauna including of 12 ringneck pheasants collected in the game birds of the United States Oregon and Washington, and \$2.5 per and demerits of the individuals. Such interest should be encouraged in every community, and one of the best ways of doing it is to hold "Colt Shows" during the fall and winter months. In the State of Iowa, a num-ber of these shows have been held during the past few years; and they may be hunted and the number during the past few years; and they was insects, consisting entirely of lar-This lack may be remedied by the vae of March flies. One stomach con-

In planning these shows, the first product of aviaries, preserves, and tained no fewer than 360 of these larstep is to solicit, among the farmers, private parks, devoted to rearing of vae and another 432. The remainder stallion-owners and business men, for



Ringneck Pheasant

What is most evident is that pheas-

ties for good or harm are great. If a

land under cultivation, the kind of

crops raised, and the quantity of wild

f. cd available. Apparently the chances

are about even that imported pheas-

ants will or will not become useful

economic factors.

and partridges, which he liberated on his estate in New Jersey, on the Dela-

popularly supposed. More than

followed broader lines and have as- ants are gross feeders; their capabili-

On the other hand the birds have \$20,000,000 is the approximate sum not proved a nuisance in Oregon and

Englishman who married the only daughter of Benjamin Franklin, imported from England both pheasants of the food included acrons, pine seeds, turning. In the interim, the sugar corporations of this country, and number be clean than that which is otherwise provided both shelter and food for weed. The weed the sugar will be the most of the work with the sugar will be the sugar be clean than that which is otherwise the most of the best of the sugar will be sugar

by the following spring. Other attempts were made later on in New Jersey, New York and Mary-la ..., but while the birds seemed to thrive for a time, the attempt to raise pheasants in the United States proved by the birds which ate the largest pheasants of the harvest are taken by the birds which ate the largest by the birds mast, and abou: 800 capmore or less a failure until about amount of mast, and abou! 800 capthirty years ago, when a successful sules of chickweed, containing more than \$,000 seeds, were in the stomach neck pheasant into Oregon. Since of the best weed-seed eater.

Severe criticism of pheasants and Severe criticism of pheasants and fulsome praise are about equal in vol-likely to make short work of it, or if fulsome praise are about equal in vor-ume. The birds are accused of dig-girg newly planted and sprouting cor-oats, barley and beans, and seeds of meions, cucumbers, and squashes. It meions, cucumbers, and squashes. It is claimed that because of their depre-dations it has been recessary to 1.- Much depends on the proportion of plant whole fields of corn. They are said to drive chickens away from their food and even to kill young poultry. Scme landowners in Ontario County N. Y., claim that the loss suffered on account of pheasants has been more than twice the amount of their taxes.

even value them so highly that they

Washington, where they have been numerous for years. Some farmers one year.

FARMERS LEARNING TO CONSERVE LABOR

waste and loss which occurs annually Incubators do not lessen the labor Sheep will thrive on pasture in which other animals could not exist.

gain any if the green leaves are stock pick out the poor layers. They not allowed to appear. The nourish- are "just as good" for roasting pument stored in the white root stocks poses, and you can not afford to part underground will aid the plant to with the money-makers.

send up slender leaves and if these remain, the plants gain and recruit.

Stormy days should not be idle days but if the leaves start underground on the farm. Look about and see if much as they could under old methods. and are cut off before coming to the you cannot find some profitable work.

The weal: and vascilating man may

When disposing of some of the old

HELPING THE SOUTHERN DAIRY-MAN,

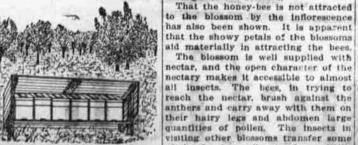
One of the most encouraging lines of work which the U. S. Department milk and the testing for butterfat enable the dairyman to feed the individual animals according to the produc-tion and to select such feeds for the ration as are shown to give the best

results. The Department receives many letters from dairymen of the South bearing on the value of this work. K. Morrison, a dairyman of Grenada, Mississippi, writes as follows:

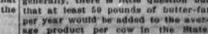
"I write to express my great appre-clation of the work done for me by your department,

"From the records kept I found two cows that produced over \$200 profit. One, \$110.88 the other \$103.80. A two-year-old heifer made \$97.50, net. profit. I began to test with six cows. have sold two of them as they were

Since the wind aids so little in crossas the bee is the best agent for cross- pollination it is evident that the vari-



of the foreign pollen to these pistils. Apiaries should be kept in orchards,



it means so much to them. Calves dropped in the fall are ready for grass as soon as it comes in the spring. Cows freshening in the fall will, if well cared for, give a good flow of milk in the winter; and when the grass

GOT HIS LETTER MAILED.

To Joseph Fleet, of Blandville, Ill.,fire

of Agriculture is carrying on in the South is the institution of herd records on dairy farms. By this means the unprofitable cow is detected and can be disposed of for slaughter. The heifer caives from the profitable cows are raised to take the place of the ovules? vules? Since so many of our varieties of air in sufficient quantities to in-the model of a larger portion of it being pro-since so many of our varieties of air in sufficient quantities to in-are invariably higher than in summer. the fact that their eyes shine at night, or board, placed at intervals over the source of a larger portion of it being pro-are invariably higher than in summer.

in the presence of a light, to which, garden, serve as traps under which the by the way, many of the species are outworms hide toward morning, when Both the moths and their larvas are quently the depredator will be found attracted.

fond of sweets; and this fact is made in the morning, within an inch or so use of both by collectors in catching of the plant cut, buried an inch under

erty.

DESTROYING THE CUTWORM

By F. L. WASHBURN.

that the showy petals of the blossoms written his wife informing her of his the moths and by the farmer and the soil. Young plants like cabbage, and materially in attracting the bees, intent to leave the strenuous city of gardener in killing the "cut-worm" cauliflower, etc., when not too numer-The blossom is well supplied with chicago and return to his own quieter averages in length about one and one-nectary makes it accessible to almost fire-alarm box! To may the least the

nectary makes it accessible to almost fire-alarm box! To say the least the all insects. The bees, in trying to city was cross with him. The mistake reach the nectar, brush against the ored, with or without obscure mark-ings. This full-grown larva burrows

into the soil a short distance, and turns into a brownish or reddish-brown or mahogany-colored pupa. These pupes may winter over, when formed late in summer, or give rise to moths in August and September, which luy their eggs at that time on various

a will probably sell three of them and replace with registered stock. "I built a concrete floor in my dairy sello; have ordered standulation for a sello; have ordered standulation for a

The probability seel three of them are the serious consequences. Is it the wind the properties that do the serious consequences. Is it the wind the properties that do the serious consequences. Is it the wind the properties that do the serious consequences. Is it the wind the properties that do the series called out the properties that do the properties the properties that do the properties that do the properties the properties that do the properties the properties that do the properties the properis the properties the properiment for the properties the proper

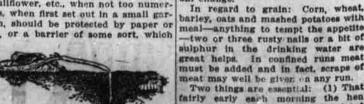
Coops containing broods of chicks, should not be moved frequently.

Stane Dug h

A cutworm and its work

plants, of on the ground near their food-plants. The larvae, which hatch should extend into the ground an inch





will not permit hunting on their prop-A man who has made a decided success in swine husbandry in a large

FEEDING MOULTING HENS.

During moulting the hens require an

extra amount of care and in fact all

the attention which can be given

them. In too many instances moulting is considered just a natural se-quence of poultry keeping. The fowls at this time are just as bad as a child cutting his teeth. It is not the mere fact of losing feathers or pushing a tooth through as much as the consti-

tutional disturbance that is set up.

One symptom of moulting is lethargy. The birds, instead of being early risers, mope about on their perches and will

not venture out in search of food that

is so essential to them at this trying

period. Dainty food should be pre-pared. Warm meal with a dash of

spice in it in the morning and contin-

and not put on the nearest manure heap. After moulting is over give morning mash of shorts and bran in a crumbly condition and feed plenty

The city forestry department of Kansas is preparing to fight the bag worms which are infesting that part of the west. In May, when the worms hatched the city employes of the state went over all the trees with sprayers. The worms do not kill the trees but they cat the verdure and retard the growth.

Galloway cattle are being raised in Alaska, their hides being considered equal to bearakin for beauty and serv-

The city forestry department of

ual change.

of onts.

The few pheasant stomachs ex- way said before a recent farmers' inamined indicate that these birds are stitute that the man who has plenty very fond of grain. Oats and wheat of skim-milk for his logs will make a compose about 34 per cen. of the food | profit if any one can on 60-cent corn.

and a state of the second state and the second se attitude a dealer and a second and a second "ar with the second or and the second With the latest machinery in hay and grain fields an ordinary force of men will accomplish three times as

POLLEN CARRIED BY BEES

11-12-12-12-12-12

It has been a question in the minds | much pollen is transmitted through of Agriculture is carrying on in the of many experimenters for some time the air by the wind, experiments have summer; and most of them will be

quality of the herd is steadily im-proved. The daily weighing of the apples are known to be self-sterile, and sure cross-pollination. Hence, the wind must depend upon foreign pollen for cannot be relied upon as an agency to fertilizing the ovules, this question is transfer pollen from tree to tree throughout the orchard,

That the honey-bee is not attracted the blossom by the inflorescence has also been shown. It is apparent and letter-boxes looked alike. He had that the showy petals of the blossoms written his wife informing her of his