

Feed Value of Wheat

The following opinions are taken from authoritative treatises on the subject:

From Feeds and Feeding, by F.B. Morrison:

Numerous experiments have shown that wheat is satisfactory for all farm animals when it is properly fed. Wheat is usually well liked by stock and is frequently fed as the only grain to swine and to fattening cattle and sheep. However, fattening cattle or sheep occasionally go off feed when heavy disturbances. This can be avoided by mixing wheat with other feeds.

When forming one-third to one-half the concentrate mixture for dairy cows, ground wheat is about equal to ground corn. For pigs wheat is slightly superior to corn. Wheat is fully equal to corn for fattening cattle as far as amount of feed required per 100 lbs. of gain is concerned, but cattle fed wheat as the only or the chief grain may not gain quite so rapidly as those fed corn. For fattening lambs wheat is about equal to barley but is worth somewhat less per 100 lbs. than corn.

In using wheat as a feed, the fact that it is higher than corn in protein should be borne in mind. Less protein supplement is therefore needed to balance a ration when wheat is the chief grain than in the case of corn.

From Swine Production, Dominion Experimental Station, Lacombe.

"Good feed wheat is a valuable feed for fattening purposes and is sound wheat or barley, but low grade, badly shrunken wheat, because it usually richer in protein than plump wheat, has a tendency to produce growth rather than to fatten pigs. For this reason, although it is a particularly good feed for young growing pigs, badly shrunken wheat is not good feed for putting the necessary finish on bacon hogs. Wheat that is badly shrunken is lacking in starch necessary for producing fat and if any of reasonable good quality is mixed with it, the feeding value of the ration will be increased over that of barley in protein, it is low in calcium (lime) and vitamins, and therefore requires the addition of an efficient protein and mineral supplement to produce rapid and economical gains. Since the kernels of wheat are rather hard and small it should be ground coarsely or rolled for swine.

"In a palatability test conducted at Lacombe, pigs allowed free choice of ground wheat, oats and barley showed a preference for wheat over either of the other grains. One of the questions of an raised is whether or not the feeding of wheat to hogs causes a deterioration

in the quality of bacon. All authorities agree, of course, that barley is an ideal feed for Canadian bacon hogs. Thus the Lacombe Experimental Station points out that "barley is the best individual hog feed which is fed in this country. It is recognized as the feed largely responsible for the quality of the bacon most appreciated by Canadian and British consumers."

Effects On Bacon Quality

A committee on barley feeding, under the chairmanship of Professor E. W. Crampin of Macdonald College, an acknowledged authority on hog feeding, reported the following findings to the National Barley and Linned Flax Committee in March of this year:

"No. 1 Feed Barley, fed wheat and No. 1 re-cleaned screenings are excellent and about equal as hog feeds, and their choice is largely a matter of price per ton.

"Durum wheat (and presumably other high grade wheats) is likely to produce over-fat carcasses which will be penalized by the packer.

"The carcasses which were produced on Durum wheat were less acceptable than from any other lot. They resembled corn fed carcasses, excepting that they were firm and white. Carcasses from this lot were penalized for excessive fat.

"Taking all wheat fed hogs, 44 percent graded A while 40 percent of the barley carcasses were A grade and received the \$1.00 bonus.

Professor J. W. G. MacEwan, of the University of Saskatchewan, takes a somewhat different point of view. On the basis of well-controlled tests, Professor MacEwan found that wheat, properly supplemented with protein-rich feed like skim milk, buttermilk or tankage, was without a superior in the production of bacon pigs for market. In an interview he is reported to have said that feeding of wheat to pigs becomes profitable when the price per pound is equal to that of barley.

There is clearly need for further investigation of this important subject. Meanwhile, Canadian farmer are feeding more wheat to hogs and the quality of marketings is improving rather than deteriorating.

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Young April

by Dorothy Chadwick

(Continued from Page 6)

"I mean I'll keep the kittens—I'd like to, honestly. But please don't be angry. I'm sorry if I've talked like a lawyer—I suppose it's because I am one. Haven't practiced yet, but I'm all set to."

There was another instant silence, while Phoebe looked at Benjamin Frenette with awe.

"You—you'll honestly keep the kittens?" she asked in a breathless voice.

"Of course I will. I promise. To seal the bargain Benjamin held out his hand."

Remembering how they had solemnized oaths this way, as children Phoebe smiled a little as she did not lose it, it was bottled out by deep surprise as their fingers touched. She looked up at Benjamin.

When your life stops, your earning power stops—and, if you haven't provided a protective fund during your working life, your dependents must start earning for themselves. Thus, they pay—and pay—for your Life Insurance, if YOU do not buy it!

LET'S TALK THIS OVER

E. C. JOHNSTONE, C. L. U., Provincial Manager, 111-115 Grafton Street, Charlottetown, P.E.I.



ALWAYS AN ENCORE

The wood thrush sings each song twice.

Mortgage Sale

Of 70 acres of land on Township No. 24 in Queen's County.

There will be sold by Public Auction in front of the Law Court building in Charlottetown on Tuesday, the 23rd day of October, A. D. 1945, at the hour of twelve o'clock noon, all and singular that certain tract, piece and parcel of land situate, lying and being on Township No. 24 in Queen's County aforesaid bounded and described as follows:

That is to say—COMMENCING at the west boundary of David Mutch's farm on the north shore of Wheatley River, then (according to the Magnetic North of the year 1784) north two degrees west for the distance of sixty-four chains; thence west two degrees south seven chains and eighty links; thence south two degrees east sixty-nine chains to said shore; thence following the various course of the said shore eastwardly to the place of commencement, containing fifty acres of land a little more or less. ALSO ALL THAT OTHER TRACT, piece and parcel of land situate, lying and being on Lot or Township No. 24 in Queen's County aforesaid bounded as follows, that is to say—COMMENCING in the southwest angle of land formerly in the occupation of Sylvester Dolant on the north side of a branch of the Wheatley River, thence north crossing the Wheatley River Road to the Road leading to Winter River thence along the same to the continuation of the Eastern boundary line of the hereinbefore described tract, thence south to the Wheatley River Road and thence along the said Road and the Shore of Wheatley River aforesaid north-easterly and south-easterly to the place of commencement, containing twenty acres of land a little more or less.

The above sale is made under and by virtue of a Power of Sale contained in a certain Indenture of Mortgage bearing date the

20th day of March, A. D. 1933, wife, of the one part; and Jessie Axworthy of Oyster Bed Brook in Queen's County aforesaid, of the one part; which mortgage has been assigned to the said under- and interest secured thereby.

For further particulars apply to Percy Dart, Solicitors, Canadian Bank of Commerce Building, Charlottetown.

Dated this 1st day of October, 1945.

PERCY DART, Executor Estate of John S. Parkman

PERCY DART, Solicitors, Canadian Bank of Commerce Building, Charlottetown.

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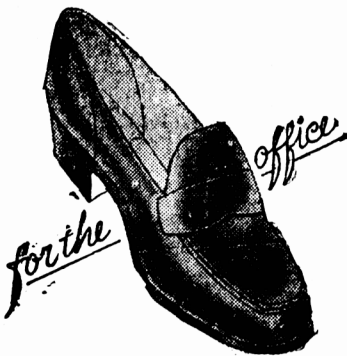
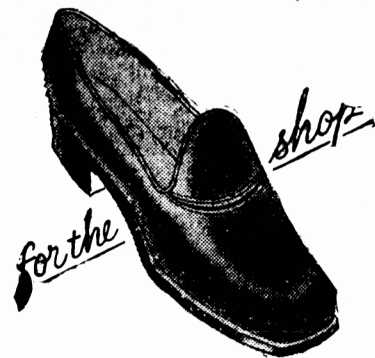
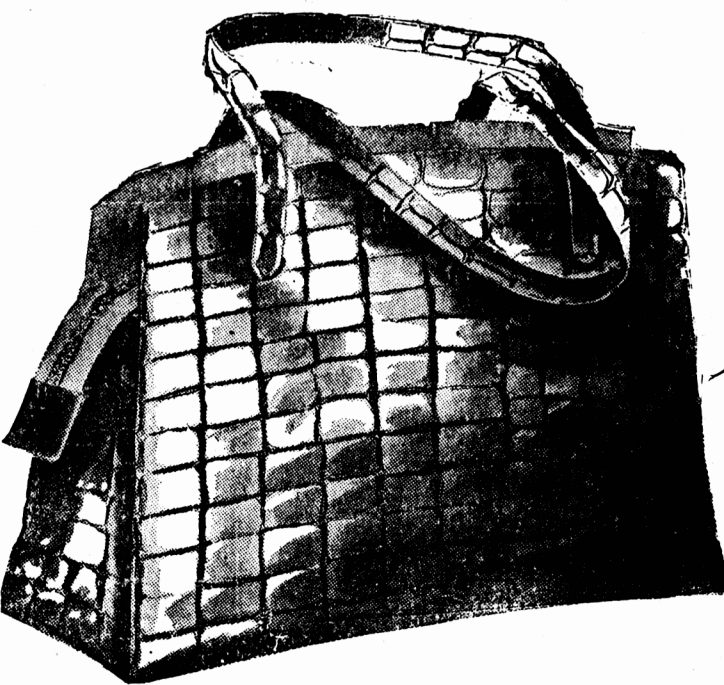
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We have the styles . . . shapes . . . and colors you'll be reading about, seeing around from now on. Over-the-shoulder classics — smooth all-purpose envelope bags — dress-top handles — vanities and boxes for those homecoming whirls. Find your own special favorites here in luxurious alligator grains, velvety suedes, and excitingly new fabrics. All are indeed costume-complimenting . . . better still, budget pleasing. See them at the handbag section — first floor, center.



\$2.95 to \$3.95

\$2.95 & \$3.95

ALSO—We have just received a large shipment of child's brown and black Oxfords and Boots. White Boots also . . . \$2.25

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HOW THEY LIVED IN WARTIME JAPAN

Life in war-time Japan has been shrouded, until recently, in a news blackout enforced by Nipponese military censorship. These photographs, obtained from a Japanese source, were taken during the war. They answer many of the questions Americans have

asked about effects of the war on the land of the Rising Sun. Revealed for the first time is news that the Japs maintained a women's military organization similar to our own WACS. Just

as children were evacuated from British cities to less dangerous country residences, Japanese children were moved out of Tokyo. These pictures show some aspects of existence in the Imperial City during the war years.



Emperor Hirohito obtained an eye-witness view of damage inflicted by Superforts when he inspected devastated areas after a raid. Here, accompanied by top-ranking Jap military leaders, he is making a war-time tour of the Fukugawa Ward.



Japanese "WACS", like the women of almost every other country that fought in World War II, served in armed forces. Here the women's corps attends an extraordinary festival at Yasukuni Shrine. They borrowed Occidental style in uniforms.



Homeless Japs, bombed out by Superfort raids, receive aid at an open-air industry office in Tokyo. Woman at far right, standing, is Princess Takamatsu, who made inspection tour with her husband. She wears wartime dress called "mompel."



At Yasukuni Shrine, Admiral Kichisaburo Nomura, right, Saburo Kurusu, center, and Itaro Ishii report to their ancestors. Nomura and Kurusu were in Washington as Jap peace envoys when Pearl Harbor was bombed. Ishii was ambassador to Brazil.



Evacuated from their homes in Tokyo, Jap children board trains at Ujieno Station to be moved away from danger areas. Scenes like this one are reminiscent of evacuations in other war-torn nations — notably England. Teachers guide school children.



Realistic war games were favorite sport for students evacuated from danger areas. Here young Japs, spending a summer at one of Japan's many famous beaches, are "playing" with a miniature landing barge.