Page Position and Readership

How can an editor be sure that he is holding readers throughout the magazine, from the front cover to the back? One way, of course, is to check readership surveys and see what the page scores are on each page. This is not a final answer, however, because the appeal of different articles and advertisements will vary.

Suppose that an attractive full page article on a subject of interest to the reader (possibly hogs in Iowa, dairying in Wisconsin) appears on page 13. The page scores 81 per cent for men. On page 79, there is a two-column article on sheep (not so important) with no illustration. It scores 30 per cent for men. Does this prove that readership in the back of the book is low? No, because a sheep article would score low with Iowa and Wisconsin readers in any position. A hog or dairy article would score high.

To find out whether the editorial matter is pulling readers through the book from front to back, use the split run. Print Article 1 on page 17 for half the run and see that it reaches half the sample of farm people interviewed. Then shift Article 1 to page 66 for the second half of the run. Get a readership score for Article 1 in each position.

In the same issue, print Article 2 on page 66 for half the run. Then shift to page 17. Get a score for Article 2 in each position.

If all the interviewers were to start from the front of the book, reader fatigue will almost automatically give the copy on page 17 a better score than the copy on page 66. What we do, therefore, in all readership surveys, is to start half the respondents in the middle of the book, go through to the last page, come back to page one and go through to the middle. The other half of the respondents are taken straight from page one to the last page. This device presumably equalizes reader fatigue. Unless this device were used, we couldn't learn much from the tests described in this chapter.

Our first test in transposing articles was in *Wallaces Farmer* (November 5, 1949). We switched two-column articles on page 12 and page 27. In each case, the article suffered when moved to page 27.

This test was repeated November 4, 1950. This time the shift was from page 12 to page 50 in a 64-page issue. We found we lost readership in the shift from page 12 to page 50. (1)

Faced by this evidence of weakness in the back of the book, the editors began to make changes. More and stronger copy was used in the back of the book. Two popular departments were given a permanent position on the inside back cover and the facing page.

We checked again in Wallaces Farmer (March 19, 1955). This time we switched picture pages — one on

page 17 and one on 81 in an issue of 100 pages. This time page 81 lost a little but not more than the expected experimental error.

On October 1, 1955, a similar split was tried out in an 80-page issue. Two articles—each two columns in length—were transposed. Their titles were "Apply Nitrogen in Fall" and "Fertilizer Helps Stop Erosion."

Following are Read Most scores for men. The sample had 68 men and 100 women in A; 100 men and 100 women in B.

		,		nitrogen'' Per cent		zer helps" Per cent
Page 18			28	41.2%	47	47%
Page 66			25	36.8	51	51

Scores for women — much smaller — showed about the same variation.

In the 92-page March 16, 1957 issue (Wallaces Farmer) a similar split was tried. Again two articles—each two columns in length—were transposed. Each dealt with some aspect of cattle feeding.

Read Most scores for men on the two articles follow. The sample has 100 men and 100 women in A: the same in B. Since the sub-sample in each case is 100. the number and the percentage are the same.

		Feeder cattle Per cent	Economy supplement Per cent
Page 26 .		. 46%	41%
Page 70 .		. 48	44

Later surveys were designed to see if these gains had been held. For instance, in the January 16, 1960 issue (Wallaces Farmer) a corn silage article was run on page 18 in the A section and on page 60 in the B section. The "Service Bureau" was run on page 60 in A and on page 18 in B. Read Most scores for men are:

			Corn silage Per cent	Service Bureau Per cent
Page 18			. 29%	51%
Page 60			. 34	44

A shift from page 24 to page 71 showed similar results. Read Most scores for men follow:

			Good rations Per cent			Farrowing house Per cent
Page 24					17%	47%
Page 71					21	41

Women had lower scores on these articles which were aimed primarily at men. The pattern of response was the same, however.

All of these reports, except the picture page split in 1955, dealt with two-column articles. Wisconsin Agriculturist (April 2, 1960) tried a shift with page articles.

Here are the scores for the two pages. The switch was from page nine to page 74. The article was "How Thick Should You Plant Corn?"

	N	\en	Women		
	Page 9	Page 74	Page 9	Page 74	
Any This Page .	66%	59 %	24%	21%	
Read Some	64	51	12	11	
Read Most	44	36	11	6	
Picture and caption	52	47	22	18	

There is a slight edge for page nine, especially with the Read Most score for men. The other differences are minor.

Here are the results of another article, "The Farmer's Job in Civil Defense:"

	٨	\en	Women		
	Page 9	Page 74	Page 9	Page 74	
Any This Page .	53%	52%	39%	50%	
Read Some	44	51	38	49	
Read Most	32	32	31	33	
Maps and captions	41	41	24	39	

This comes out even, except that page 74 has the edge with women. This has happened in other splits. Apparently some women start to read with the homemaking department and go on through to the back. This sometimes gives a stronger women's score in the back of the book than one might expect. The best spot for dual purpose ads or editorial matter may be in the area in back of the homemaking department.

If scores for both pages are combined, we get the following:

	1	Men	Women		
	Page 9	Page 74	Page 9	Page 74	
Any This Page	. 59.9%	55.5%	31.5%	35.5%	
Read Some	54.0	51.0	25.0	30.0	
Read Most	. 38.0	34.0	21	19.5	
Picture (maps) a	nd				
captions		44.0	23	28.5	

These combined scores make it clear that there is no significant difference between the two positions so far as reader interest is concerned. The custom on Wisconsin Agriculturist and Wallaces Farmer has been to run tests like this every year to see whether readers are reading all the way through the magazine. These results are of great interest to advertisers. A good ad on page 80 presumably would have just as good a chance for readership as one in the front of the book.

Corn silage fits ration for sows

Some research indicates that silage can increase litter size

IF YOU'RE already feeding corn silage to your cattle, you may profit by feeding your sows silage, too.

"Tve fed my sows silage during gestation for 3 or 4 years," says Maurice Beaver, Wapello county, lowa "It's easy to put some extra corn silage in the auger wagon each day."

He feeds the sows at the same time he feeds his cattle.

Sows fed properly supplemented corn silage ration produce at least as many pigs per litter as sows on more common rations. Some research even shows there can be an increase in litter size.

Other research will indicate that pigs farrowed from sows fed a corn silage ration may outdo pigs from sows fed some of the more common rations.

You'll be most apt to profit from feeding a corn silage ration if you are presently self feeding grain and supplement to your sows. With a good corn silage ration, you can cut your per sow feed cost to around 15 cents per day.

Purdue University in a recent experiment, fed each of 10 sows 1.5 pounds of protein plus 11.3 pounds of corn silage per day. The group averaged 9.9 pigs weaned per litter.

With protein at 6 cents per pound and corn silage at \$10 per ton, the feed cost figures about 141₂ cents per sow per day.

However, if you are feeding a limited ration of concentrates to your sows, you may not profit as much by changing to a corn silage ration.

Some lows farmers have built silos for their sow herds, but it is not a common practice. Fifty sows or more are usually required to justify a silo for your sow herd alone.

Only choice-quality silage makes good sow feed. Finely cut silage is best. Sows will sort a coarsely cut silage. And they have a strong preference for silage made from corn before it reaches the hard dent stage.

Iowa State University workers think it's best to start feeding slage 3 to 4 weeks before the sows are bred. Otherwise, don't start them on the corn silage until after breeding is over. Changing feed too close to breeding time may cut your litter size.

Feed the corn silage freechoice on a platform or in a trough. Each sow needs 8 to 10 pounds of silage.

A 20 percent protein balancer is used by lowa State University o supplement the corn silage ration. The balancer can be made either from one of the university formulas or by mixing equal parts of shelled corn and a 30 to 35 percent protein brood sow supplement

Feed the 20 percent balancer once each day in the following amounts:

Gilts

Flushing period. 4 to 5 pounds First 10 weeks of gestation 3 to 3% pounds Last of gestation 4 to 5 pounds

Sows

Flushing period 4 to 5 pounds First 10 weeks of gestation 21; to 3 pounds Last at gestation 4 to 5 pounds

When you are starting the sows or gilts on corn silage, it's wise to add shelled corn on top of the silage to encourage them to eat it

Corn silage is not always the same year after year. The amount of concentrate must occasionally be adjusted to the amount of corn in the silage. Figure 5.1

Read Most

Men

Page 18, 29%

Page 60, 34%

Page 18 Versus Page 60

To see whether readership stays high all the way through the issue, articles are switched from front to back. In this case, the corn silage article ran on page 18 in the A version and on page 60 in the B version. Read Most scores are given above.

Page 60 (in an issue of 76 pages) is as good a position as page 18.

Wallaces Farmer, November 21, 1959



Figure 5.2

Corn Page

Page Scores

Page 9

Men 66% Women 24%

Page 74

Men 59% Women 21%

Page 9 Versus Page 74

This is another example of transposing pages in order to measure the flow of readership through the issue. In this case, the corn article appeared on page 9 of the A section and on page 74 of the B section. The defense article was on page 9 of the B section and on page 74 of the A section. This issue had a total of 84 pages.

Differences are not significant except in the case of wo-

Figure 5.3

Defense Page

Page Scores

Page 9

Men 53%

Women 39%

Page 74

Men 52%

Women 50%

The Farmer's Job in Civil Defense

FALLOUT ZONES



men who gave the edge to page 74 on the defense article. Some women apparently start reading with the "Home" department, then go on to the back and swing around to the front of the issue again. For this reason, an article just following "Home" may do a little better with women than one in the front of the paper.

Repeated tests of this kind serve to check on the ability of the editor to keep subscribers reading from page 1 to the back cover.

Wisconsin Agriculturist, April 2, 1960

Figure 5.4

Read Most

Men

Page 71 21%

Page 24 17%

Page 24 Versus Page 71

This is another test of the kind described in Chapter 5. Good Rations ran on page 24 in the A version of the split and on page 71 in the B version. An article on farrowing houses (not shown) was also transposed.

Adding up scores on each article in each position, we get a Read Most score of 31 per cent for men on page 71 and a Read Most of 32 per cent on page 24. In other words, an article would apparently do as well on page 71 as on page 24. This issue had a total of 88 pages.

Good ration can boost milk output

- · Good roughage gets most emphasis
- · Feed grain according to production
- · Balance ration with good protein

TOP PRODUCTION from your dairy herd is limited by two things—the inherited ability of your cows to convert feed into milk, and the quality and quan-tity of that feed.

This assumes you're already providing good herd manage-

There's nothing you can do right now about the inheritance cows in your milking line. But you can make sure they are given full opportunity to yield a profitable amount of milk

Look at it this way-it's just as had to overfeed a poor cow as it is to be slingy with a good producer

lowa State extension dairyman Bob Fincham ex-plains "only the feed left over after all other needs are met can be used by the cow to produce milk."

Underfeeding a heavy pro-ducer may not immediately show up in lowered production. A cow will temporarily rob her body of food materials to pro-duce milk. But eventually, milk output suffers.

The Iowa State folks suggest, "A few cows adequately fed may be more profitable than any ad-ditional number that must be restricted to make feed available for the entire berd." What are bossy's requirements

before the feed she eats can be used for milk production?

• Body maintenance is the

An average Holstein needs 20 pounds of hay (or hay equivalent) daily just to keep herself alive. In fact, from two-thirds to three-fourths of the roughage a cow cats is used for mainten-

The developing fetus is another important user of bossy's ration.

A cow carries a calf during most of her lactation. She has to "share" her ration with this unborn calf before she can use it to produce milk. This support is especially heavy during the later stages of pregnancy when the fetus makes its most rapid growth.

· A third outlet for feed nutrients is for growth.

trients is for growth.

A heifer, calving at 24 to 26 months of age, should continue to grow for another two years or more. This additional growth is going to be vital for high lifetime production. So be sure your feeding adjusts for it. Where do you start? Best ad-vice is to feed liberally but not

wastefully.

Current prices make good hay your cheapest source of nutri-

ents. So pushing roughage con sumption should pay off. And remember, the more roughage a cow cats, the more there is available for milk production.

Fincham suggests, "feed between 20 and 30 pounds of hay or hay equivalent daily 160 to 90 lbs. of corn silage) for each 1,000 pound cow in the herd."

"Feeding three or four times per day, rather than just once, will boost consumption," he

Remember it takes only about 20 pounds of good quality legume hay to satisfy maintenan requirements of a 1,400-pound cow. But to produce 50 pounds of 4 percent milk, requirements jump approximately like this: energy, 3 times as much, pro-tein, 4 times as much; phosphorous, 5 times as much; and calcium, 6 times as much.

Fifty to 60 pounds of hay would meet these demands. But a cow can't eat that much. Her omach just isn't large enough. (Hay pelleting may soon remove this physical barrier).

Here's where your home-grown grains and purchased supple-ments fill the gap.

"Balance your grain mixture according to the qual-ity of the roughage you feed," advises Fincham. "Then, feed this grain ac-

cording to the production of

For example, with good quality roughage, a cow producing 35 pounds of 4 percent milk needs about 8 pounds of concentrate feed. Feeding medium quality hay boosts this amount to 11 pounds.

to 11 pounds.

Many dairymen use this rule
of thumb: Good quality hay, 1
lb. grain per 4 lbs. milk produced; medium quality hay, 1
lb. grain per 3 lbs. milk; poor
quality hay, 1 lb. grain per 2½

ibs. milk.

How about protein? With top quality hay, fed liberally, addition of your grain alone will make a balanced ration. Don't over rate your hay, the—only leafy, sun-cured, legume forage rates top quality.

If hay is medium or low quality, you should add some protein concentrate to the grain. A 14 to 16 percent digestible protein ration is suggested for these roughages.

these roughages.
Vitamins and minerals are important, too. Be certain your cows are getting enough by sup-plementing your grain mix. And always have plenty of fresh water available.

January 16, 1960