## 5.

## 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 twocolumn 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 edtiorial 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 $l$ 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.

|  |  |  | "Apply <br> No. | nitrogen" <br> Per cent | "Fertilizer helps" |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| No. | Per cent |  |  |  |  |  |

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 <br> Per cent | Economy supplement <br> Per cent |
| :--- | :--- | :--- | :---: | :---: |
| Page 26 . . . . . . | $\mathbf{4 6} \%$ | $\mathbf{4 1} \%$ |  |  |
| Page 70 | . | . | . | $\mathbf{4 8}$ |

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:

| Page 18 | . | . | . | . | . | $29 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

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?"

|  | Men |  | 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:"

|  | Men |  | Women |  |
| :---: | :---: | :---: | :---: | :---: |
| 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:

|  | 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) captions | $46.5$ | 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 yourae already fembing 1 corn silanse to your cattie, you nay prollt by feating your sonk silaxe, 100.
"il ve fed my sows silage diaf ing gestation for 3 or 4 yesses? says Mamrice Meaver, Wapelle counity, lowa 'It's exasy to put some extra corn sulage in the atiser wayon each day.

He feods the sows at the same time lie ferds his cattle
Stum: fed properly supple: mented forn silage rithons profuce at leant as many piss peet liter as swws on more conmons fation: Eome resesuch prek shows there fan be an inerease 13. lities sisa.

Ther restarch will indi. cate that pigx farrowed from sums fed a corn silage ration shay outlo pizs from sows fed some of the more common rations.
Youldi liee mast ant w protit from feedikg a worn silige ra. tion if woa are presintly sell foeding grain whe supplement (1) woul sows. Withe a good cyrn xilage yation. you can: cut yow pei kew feed cort to wronind 15 sents pax: lisy.
 expurinuent, fode wach of 10 wim:

 The geckuy averayed 13.9 wisk wewned fay lither.

With protele it 6 prusts per ginewd and korn silase at \$10 pem
 143: wints pert wow per tay.

Hinwever: il you are likeline *) limitess fations or conctutiales to your souks, you tray not protit 3is inwli by chanuing lo a worn sthasy ration.

Some lowa formers lake bwit silus for their sow hests. buts it is not a common practice Fifty swos of minte ite wisully
required to justify a sile for your sow herd akne,

Only chosicequality shaye makts good sowe feed Finely cut silage is beat Sown whil sort a coarsely cut silage. And they have a strony preterence for silinge made from corn before it reaches the hard ikent stises.
lowa State linversity worker: thank it's loses to stant feeting sllase $\$$ to \& weeks wetore the sums are brod. Otherwise, don' sitart them on the corn silage umtil after breeding is over. (Himking feed too elest to breetiveg lime may en your itsles kise
Fend the varit silage free chowe on a Mlatform or in a troukh kavin sow need. if to 10 pownils of silage
4. 20 percent protein bahancer is uski by lowa state liniversity if rupplement the corn xilaye ralion. The batances ran be makle vither from tone at the winemsite formulas or by mix: ing, equal pust: of shelled corn and a 36 to 35 porcent ifotein bromd sow ctupglement

Foed the 20 peramt balkiver wack wach day in the following wanmits.

## Gites

Flusking perised. 4 to 5 poundx.
firsk 10 whekis
ot gesktian 3 to $3^{3}$ ta nowndi last of gestatisi. 4 fo 4 pounds

Sows
Fiushing peried 4 to 5 paund
Firkt 10 weeeks First lo weeki st gitatation $x^{2}$, to 3 pound lavt of gestation it to $\$$ paunds
Whan yous are starlines lwe stuvs or yill: on corn illage, it : wise to ath whelled mom on the of the silake lo eneovange them to *nt 11 .
come silatie lik not always the same yoay blter year The amount of woncentrite musi orearcionally be alljusted to the amennt of cork in the stinge.

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 $\mathbf{B}$ version. Read Most scores are given above.

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


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 $\mathbf{B}$ 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-

## Defense Page

## The Farmer's Job in Civil Defense

Page Scores

Page 9
Men 53\%
Women 39\%
Men 53\%
Women 39\%

Page 74
Men 52\%
Women 50\%












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 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.

Figure 5.4

Read Most

Men

Page 71

Page 24

## 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

lowa State extonsion diviryman leok Fineham ex: plains "only the fernt left wier after all wher need: are met can he used by the cow to prodive milk."
Uniterfecings a heivy prou ducer may not immediately show up in lowered production. A sow will temporarily roh her body of food materiwis to aroduce milk. Fut eventually, milk outpul sutters:

The lown state folks suggent. "A few cows idequately fed may be more profitakie than any ad. ditional mumber that must be restricted ta nake feed avail. thle for the entire herd."

Whik are buisy's requitements before the fend she eints can be usnd for milk grodiuetion?

- Riody maintenamer is the bise one.

An akeruge liolstela needs 20 pounts ni hay wor hisy equisalem: daty juat lo keep herself alive: In fait, from twothirds to three-fourths ot the romyhage a cow rits is usak for mininten. ance puly:

- The developing fetus is another important user of bossy s ration.
I cow earries a eall daring most of her lactation. She has to "share" her ration with this unburn sail before she can use it to prowluce milk. This support is especially heavy during the later stages of presnancy when the fetus makes its most rapid growth.
- A third outlet for leed nut trients is for growth.
A heifer, catving 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 feoding adjusts for 14 .

Where do you start? Rest advice is to feed liberally but not wastetully:
Current prices make good hay your cheapest source of nutri-
enis. So pushing roughage consumption should pay off. And remmber, the more roughage a cow eats, the more there is availakle for milk production.

> Finckam suggests, "feek between 20 and sol pouuds of hay or hay equivalent daity wo to 90 lhs, of corn silage) for each 1, ,oen pound enw in the hert."
"tecding three or fouk times per day, ration than just ance, "ill heost equampition," he idd.
Qermember it twkek mily about 20 punida of food quality leg. wae hay to salisky maintenance ramuiements at a 1, 400.ponad cory. Fint to produce 50 pounts. af 4 percent miki, requincements jumy ayproximately like this: energy, I lames as muchi, protein. 4 limes is muck; phos: phomus, f limes as much: snit calcium, 6 limes as muck.

Fily to 60 pounds of bay woulit meet these demancts. But a cow cant eat that much. Her stomack just isnt large etnough. 4lay pelleting may smon remove this plyysical harrier).
Here's where your home-grown srains and purchased supplements fill the gaj:
"takance your graln mixture according to the quality of the roughage you feed:" sdivises Fincham. "Then, feed thly sraln according to the proditition of wach eow:"
For example, with sood quality roughatae, a cofw producing 35 pownds of 4 percent milk neerls about ó pounds of concentrate feod. Feeding mediam quality hay boosts this amount to 11 pounds.
Many dairymen use this rule of thumb: Good quatity hay, 1 16. strain per 4 liks. mikk praducerl: medium quality hay, I lis. grain ger 3 thes nilk; poor quality hay, 1 lh. grain per $2^{33}$ a lhs. milk.
How about protein? With top quality hay, fud liberally, addifion of your srain alane will make a balanced ration. Don't over rate your hay, tho-manty leaky, sun-cured, legume forage rates top qquality.
If hay is mediam or low qual. ity, you should add some protein concentrate to the grain. 4 14 to 16 percent digestible protein ration is suggested for these ranghages.

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

