to the en eding sugar syrup wholesale. But the busines the process is not necessary; it should the lurking condemned.

Why should the last mentioned plan comes th condemned, and why should sugarfeed sug eding for stimulation of brood-rear-1 suspicion g be condemned? For this reason: at we cold bough it is right in our eyes, it never protect th n be in the eyes of the world, our near sayir stomers. Not a few people believe t still leave at bees make honey, even in winter. heat hone see a man feeding syrup and taking n. Alexar honey simultaneously would cause el and rea ny an observer to draw the natural trrels. De nclusion that the bees were making liked bud ney out of the syrup, and he would white sug report. The apiarist might argue n that t night-fall, the motion of the eyey is so por ws of the observer would decide the bate. The same would be true of ill not ove olesale feeding for stimulative purely. Yet es; hence I say, let all who feed to ing our ke apiarian work easier, or who feed ve the st get their colonies ready for the haron them. T st feed with diluted honey else not a, old peor

d at all. to expre the only legitimate use of sugar in e firmly f oney-producing apiary is to get the ioney wh s through the winter or through a honey of e of dearth till the flowers come eldom whi a section in. Even this sort of feeding selm comes to the bee-keeper except honey of he brings it about by his system of unknown nagement. It does sometimes come timately, but the visit can be made raught w are one.

aly use m s to feeding to produce bees, or in parade su enrearing, that is another thing. for one, hink it perfectly legitimate for a i stimulat ler in bees to turn sugar or any is done w er sweet into bees, but let that advertis er in bees avoid trying to harvest elieve mo oney-crop in the same apiary where ugar-feed s following such practice of feeding gain, I m a wholesale way. It would most feeding 1 uredly create a cloud otherwise. ollowing

easier to

ring a dea

behooves every writer upon this lect to see to it that he leaves the

impression upon the reader's mind always that the sugar-feeding is done of a necessity and that it is never done at a time or in a manner as to contaminate the honey-crop. This rule, I regret to say, is too seldom followed. It should be followed even at the expense of tiresome monotony to the beckeeping reader, since we can never know when the other reader will take up the piece of writing, read it (mis) interpret it and parade it in clothing of his own make.

Let me close this with this exhortation: If we must at any time feed sugar syrup to our bees, and if we feel that we must tell about it in the papers, let us see that we make clear to the dullest reader that this sugar is fed to the bees at a time when honey is not being harvested and in such amount that the bees will use it up as food to live upon till the flowers come from which they can get food for themselves and honey for their owner. Such a course is possible, and seems to me imperative.—Allen Lathem, in American Bee-Keeper.

## HONEY VINEGAR.

Ordinarily the process of vinegarmaking consists of two distinct steps. In the first, sugar in some form is by fermentation, changed into alcohol. In the second, this alcohol is by a similar fermentation changed into acetic acid. The alcohol fermentation must always precede the acetic, and should be allowed to become complete before the acetic fermentation begins. They may be carried on together, but it is usually at both the expense of time and quality, as the presence of acetic acid in even a small quantity greatly retards the alcoholic fermentation and sometimes a degenerative fermentation sets in and spoils the entire product.

Accordingly, your barrel should be one that has never contained vinegar.