ACRICULTURAi
Care of Dairy Cows in Winter. Cowe should be fed in good oonfortable atabies and the arrange of the feeding have her food by herself so that it will not
be palled away and atolen from her by another cow, writes C. P. Goodrich. In
this way the feeder can give beoh the quantity he wishes and he will be able to know just how well she eats her tood
and how much she eata. The practice of hrowing food of any kind out on the
ground at any time for cows to drive and ohase one
condemned.
I think it beest to teed three times a day and never feed at one time more "than they
will eat upatonce. The feeder should watch his oows, and if one leaves at the time any eft hefore her, and next time feed a little loss till he tinds out just her capacity for eat.
Ing. On the other hand, if a oow eateall th. is given her quickly and from her actions
eeems to need more, she should next time be fed more
For greatest profit coyws should be fed to the full extent of their ability to consume,
diigeat, and oonvert into milk the prope r
bind of food for milk productione
The varinety of foods each day. They love a
variety juat as all other animals, man
included. No man coan be an good foeder
 dairying uniess he studies the art of feed
lig, and oto this he must hove his oow
and watch them white eating. He must
 providing foed for ther her. ohildren whe
The kindo of food that cows should have on the farm and the cost of of those foode we me
have to buy - but it certainly should be palatable and an effort should be made to to
have enough protein food to make, in con.
nection wwhth the cheaper and more earbonnocoous food, fin chirlyp-bar and and moded ration. . For
best results somesuculent uch as ensilage or roots. I ever fed wa
A
good gaily ration as an average of thirty pounds of well - eare
corn onsilage, ten pounds of good colover
hay, what dry corn fodder and oat straw
 of carbo-hydrates in the corn food. Clover
lay is a farly well-balanced food for milk.
If he main part of he coarse fodder is
 Timothy hay and corn fodder, In the latter
coes it will not do ot feed muoh ocrn.
Now, whar h have been writiog is a sor
of general rule, but when we come to


 ood that goes to produce fat is wasted a
far as dairy promucts are oonoerned.
Let mee illustrate how I would fed
Suppose I had mixed hay and corn fodde Suppose I had mixed hay and corn fodde
for roughage, and plenty of corn and out
oheap as they are this year. I would
have for the grain part of the ration ground have for the grain part of the ration ground
born and oata and bran one-thrd each by by
weight. $\begin{aligned} & \text { ow, cow cow number one eats up }\end{aligned}$
up


 Aow of milk. Cow number two I Ieed the
regalar ten pound ration, she eato it up
greedily and ives a large mess of good








 The Value of Wheat Feeding for
Hogs. sucoessfun reesults of feeding whear to
domestic animals. It value as a food for oattle and horses, whether the whole grain
if fed orite by products, has long been well



##  Nomed



 and



English Methods with Poultry. The methods whioh prevail in England widely from those in vogue here that our readers may find something to interest
them fn following, gleaned from the writinge of C. . . . Brooke. Food should be
mixed fresh for every meal, should have only what they eat-ledvin none. Through the winter they are fed in and barley meal. From November to March their midday meal is biled barley
and the later meal is wheat or maize.
Now and then fowls in confinement should Aave a fresh piece of sod at which to pick,
A little salt ehould be added to their

 two
next
biil
late
later
meal meal. Duringed charley, whent, or corn
daily are besc. Ther meals
die mother should have grain and meai. When morting, alight
addition of cayenne pepper ot the meat,
with some hemp eeed pope and then, and
an ocoasional meal of minced raw onions
 zreen food, and when winter approachee
hould include meat and fat, minced liver
horaseflesh. When fattening for market
 desirawe to
buck wheat,
small doses.

## trolley roads in england.

 Brlilish conservatism is Yieldung-Thectity owns the Permanemt way. John Bull has at length come to the
reaiization that there are euch things as
electric roads in the world,end that posloly they may be a good thing. An Amerian syndicate has secured the franchise for
an electric road in the oity of Coventry,
which has sboutsixity thousand population and the work is going ahead,
An experimental road of Lut down in the suburbs of the city of
Leds, and the city fathers of various cities
nd towns have been "juncketed" over to Leeds and introduced to the mysteries of
he trolley system. The Coventry authar ities we
tions.

## The method of building street railways

 in england greatly lesisens the cost ofistilliation to the promoting capitalist.
Ihe city puts down and The city puts down and owns the tracks
or permanent way. The operating company
leases the track or twanty-one years, and
at the expiation of the lease it may be
tenemed renewed, or the city may buy the panat and
rolling tock at an appraized valuation.
The Coventry road has eight
 wires. America, even to the poles for thi
Inginally auposed the
Engliep poles would do. But when put
they were found uneou sey were found unequal to the strain
supporting the wires, and the neceosary
poles had to be ordered from hhiladeiphias
If the innovation takes with dhe If the innovation takes with the Eng.
lish publio there will bea poo of money for
the syndicate, whish will probably be call od upon to put in similar roads in neatry
alf the Englieh ceitie. The conservatism
of the English people on this subject seem to be as pronounced to-day as it was it in th
time when George Francis Train put dow
his fret tram iny in Parliament street,
London, and was ine his rails and was then compelied to take up
he outraged and indignant

 are invention.
A firm of English electricians have re
conty tak Ead the conduit eleotric roa
roblem, and produced zomething in the problem, and produced Bomething in the
hature of a amill tunnel and motor therein
with a projection which reathes through
the slot and pushes the street car along. Many Tongues What language does our Polly speak :
Our precious baby tot ? So many languages noique
We call her polyglot !

## Her Sole Ambition




## WEATHER INUICOMTIONS

 URE SIGNS that foretell the STORM OR CALM.
## 

 Hoar frost is a sign of rain.Cold autumn a short winter
Cold autumn a short winter.
If rats and mice be reatless, ra If rats and mice be restless, rain.
Trees grow dark before a storm. Trees grow dark before a atorm.
After a warm autumn a long winter. It will surely rain if moles cast- phille
The nore snow the healthier the season The nore snow the heolthier the season.
Bearded frost is the forerunne of snow Bearded frost is the forerunne of snow, A clear autumn brings a wind winter.
If it rains before seven it will ore eleven.

## A gr A fo May. Rain

Expect fair weather from one night's ice


##  <br> frost. If it ra next day.

net ind
A green Chre eunrise expeot a far Three whit
every time.
Ratin long
notice, soon
IIce, gaoon pare plentiful in spring, expect a
fine antumne
A rainow in the morning is the shep.

$$
\begin{aligned}
& \text { Thunder is indicated by many falling } \\
& \text { stars on a fine night. } \\
& \text { Look out for oot weat if the wood- } \\
& \text { peoker disappears in the fall. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { will pot bear a mouse after ward. } \\
& \text { Sept. } 20 \text {. } 1 \text { and } 22 \text { rute whe weathe } \\
& \text { Ootober, November and Deeember. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { October, November and Deember. } \\
& \text { Partridges drum only in the fall when a } \\
& \text { mild and opan winter followe. } \\
& \text { Rain from ther gouth prevents the } \\
& \text { drought, bout rain from the west is al ways }
\end{aligned}
$$

$$
\begin{aligned}
& \text { rain. When- the birds and badgers are fat in } \\
& \text { Uctober a very cold winter may be looked } \\
& \text { for. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { for. An unusually clear atmosphere when } \\
& \text { distant ubjects may be eaeily seen means } \\
& \text { rain }
\end{aligned}
$$

$$
\begin{aligned}
& \text { rain. } \\
& \text { If the crow files south oold weather will } \\
& \text { follow; if north, a warm spell may be ex. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { pected } \\
& \text { porkeys perching on trees and refusing } \\
& \text { fo descend indicate that snow will shortly }
\end{aligned}
$$

$$
\begin{aligned}
& \text { fall Oetober brings heavy frosts and winds } \\
& \text { If followng January and February will } \\
& \text { te mild. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Whid rheumatic people complain of pains } \\
& \text { bnd aches then look out for raing and } \\
& \text { and }
\end{aligned}
$$

$$
\begin{aligned}
& \text { storms. } \\
& \text { If cattle leave off feeding and chase each } \\
& \text { other around the field you may safely } \\
& \text { expect rain } \text { If All Saints' Day will bring out the } \\
& \text { winter, St Martin's Day will bring out the }
\end{aligned}
$$

$$
\begin{aligned}
& \text { expect rain. } \\
& \text { wif All Saints' Day will bring out the } \\
& \text { winter, Smartin's Day will bring out the } \\
& \text { Indian Summer. } \\
& \text { If goldenarod blosoms early you will need }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Indian Summer. } \\
& \text { If goldeanod blosoms early you will need } \\
& \text { herevy cothes, for bitter cold weather will } \\
& \text { previl. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { prevail. } \\
& \text { II fiders spin the filaments of their webs } \\
& \text { long the weather will be sereue for ten or } \\
& \text { twelve daya. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { twelve days. } \\
& \text { Ganats fying in compact bodies in the } \\
& \text { beam of a seting sun mean that the wea.- } \\
& \text { ther will he fing. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { ther will be fine. } \\
& \text { When the birds of pasage arrive early } \\
& \text { in their southern pasaage severe winter may } \\
& \text { be hooked tor. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { prognosticates rän. } \\
& \text { onion gkine very thin, mild winter } \\
& \text { coming in, onicu skins thick and tough, } \\
& \text { coming winter cold and rough. }
\end{aligned}
$$



## 



NO MORE ALPINE CLIMBING.
Alpine mountain elimbing is likely toseverity of which has reoently bee
Hole
The
Brieks antiast stone.

citition in
Anmian ait
Anmian aitcosion

POISONS III DRI GOODSS. gadir dyes by which man PABRICS ARE COLOURED.

## 

 the Womansubjected.

The microhe has been taking up so muab
 oisons besides those manufactured in the private laboratory of this ingenious little
vorker. Yet arsenic can kill as well heria ; and if lead is as fatal as diphlothes and we put the former on our hall one day repent it.
According to a Parisian physicien whe has been taking a census of the dangera
that lurk in the boudoir of a fashionable woman, she is fortunate if she escapes bein poisoned, and even if she does she runs
rreat risk of being burned to death. In fabrics are more or or less poisonous. Many yes are toxic. As is well known, arnenic
chielfly to be blamed for this faot, though yess. Henty or pien in y no means the case. Cerrasin, but thits oon-
trin more han two gramme of arsenioue
ciod to the sario green fabrics. Many -partieularly the gauzy
 hisisand many other coloring matorara are
tare obtained by treating aniline with alte, are obtained by treating anilins with
oxidizere, of which htwo are as dangerous as
are common-namely, nitrate of meroury and ammenin- namenely, nititrate on tit io rare to
find fuchsin that does not contain The observations of French physioions have he skin oanee not only local eruptions but For instance, caeses of arythema and serious by wearing red med merino have been oaused
the markers with rosaniling oonolodod
oontining arsenic as an impurity. many pxamples of
Thise is only one of mand
produots harmless in themstives that bocome actively poisonuos by reason of
impurities due to some process of preparation.
But t
only rnit every runs riel or of poisoning herself with
elothing she dons, she may
 nore fare the artioles made of celluloid-
novery toilet table, though on thasquerading as horn or ivory.
often mat
 in spite of this, its cheapuess and the ease
with which may be maped have made it
a favorite material for combs, hairpins and Aavorite material for combs, hairpins and
il orrtion ommalt faney toilet articlen, ever
or artificial teeth, whose weareras probably
or
do not realize that they are transforming with guncottoi.
A. Among all these cellinloid toilet artioles,
howerer, combs are the only ones that have
hitherto coused aceidenta hitherto caused accidents. The
most serious ACOIDENT of this kind, or, at all evente, the one that
made the greatest impression on the public,
was one that occurred in Yrance. Alittle
 the hot stove so that her head was aimost
directly over it, and after hhe had been in
this atvitude for about an hour her imitation tortoise-shell ommb, made of ellluloid,
oanght fire all an once and her head wan in
an instant enveloped in flamer. Her mother oon as she could, but not before a alarge
part of the ohild hair had been burned
of and her chalp had suatained a serious Long in healing.
Less serious burns have resulted from
wearing the long double celluloid hairpin
with $w$ then
 Ire like a matoh, but it is usually easy
extinguish it before it ireaches the hair.
There are fabrice, too that botter than explosive. Not to speak of the
light, easily inflammate staft that
abound, here is asto of chap fannel
called pilou, largely used for women's gare
 miating cotton when brough near a lamp,
candle or open fire. The
rapidly over the whole surface, genereadid rapidly over the whole surface, generally
coing out of itiself, but often taking hold
oi the body of the fabric, giving rise to
very seriout of


## Easy.

 Lawyer- 1 aul disposed to make it easy
or you, with several payments, you know.
am willng to tuke the estate as the first
payment.

A Universal Failing.
Friend-Your son, I underatand, has
iterary aspirations? Does he write for aney? (feetingly)-Unceasingly.
Father

Taking No Chances.
Raggyy, for a tramp, youe is de best
behaved feller I Ever met.

