## Handutidis

Catit Mangere.
$A$ torm of combined stanchion and tmanger for calf feedng sins illustrated
In a bulletin published by the sichlgan Experiment station and is secom.
mended as being vert conventent princtple on which the stanchion tis
bullt is not claimed to be new; the use dates back a number of decades,
but the espectal application and aded presents some new features. This
 dergone Eeveral changes since the frs
one was Installed. This appliance can one was installed. This applianee can
 stanchions at feeding time only. Atter
the calf has been securce the milk bucket is placed in the manger; when
the milk is consumed the bubke removed and ensilage and menl sup-
pilied, followed by hay. By using this stanchlon method of feedng the maxi
mum number of callven can the kent in a mintmum amount of space in a
clean, healthy, turity condtion, pro
cold door yardage. The average size of the four calt pens in the dalry barn
Including manger space is 15 feet three tnches by 12 reet turee Inches.
pen accom pen a accommodates eight calves up to
five or six months of age. The average
fize barn accommodating six calves each, and three occuppled by feive each are
104 teet ty 11 teet calves have accesss to yardage at will. Referring to the IIlustration for de
talled deseriptition, the botiom of the

manger, 18 inches wide, conslsting of 2.Inch hemlock, is 6 inches above the bullt on rather than against the bot tom It leaves the inside bottom meas-
urement of the manger 16 Inches. The slde of the manger over which the
callfs neek is placed in feeding is 8 Inches above the bottom, one-half of the balance by the botiom frame-work

Ensilage is belng used more and
nore for general farm stock, belng led to some extent to the calves, the
market steers and the horses. It probably requires a little higher grade silo system. There is room for, judg diling the crop and filling the silo, to say nothing of its management win
ter nud summer and the right plan
of feedling. Therg is considerable to earn for the farmer who has nlways tem. Yet the experience of those who cate that there is no need of making while the new system nearly always Ives satisfaction under the circumery datry farmer neels a silo, but it more silos are needed than have yet
been put up.

Rubber Covered noadn. roadways covering a period of six years are reported to have shown very is claimed to be more plastic and more adhesive than pure asphalt and resist higher temperatures. This product which is manufactured under a patent the asphalt, which are sald to posseas all the advantages of hot compressed phalt without its drawbacks.

The Yolks of Ekise.
color of the yolk of the seems often to be effected very notliee
 top part of the manger over which the
call feeds is 15 inches above the foor calf feeds is 15 inches above the floor
and should not be made hitgher, as
even this is rather high for the new even this Is rather high for the new
born calf. The youngest calves can eed over this, but should not be left not lie down comfortably. The sidd
of the manger next the feed alley is
 view showina stanchioxs.
$\begin{aligned} & \text { practically } 2 \text { feet high and } 2 / 1 / \text { feet } \\ & \text { above the floor; the slope given to }\end{aligned}$ practically 2 feet high and $21 / 4$ feet
above the floor; the slope given to
this part of the manger is a very de his part of the manger is a very de-
ided advantage, espectally in placing
ind removing buckets while the cil ind removing buckets while the calf
is fastened in the stanchion; fastened in the stanchion; even
more slope than that Indicated would ef well. The manger is partitioned minimum width, for whlle it is ample
room for the young calves, even more age of the older ones. The manger
artitions extend urved line shown in the fllustration
ut this is the most faulty feature the fixture, as it is posssble for one
calf to reach over and suck another one's ears if the meal and ensilage an not promptly supplied after the milk
is consumed though this rarely hap-
pens. A more perfect manger divi pens. A more perfect manger divl-
sion will be made by boarding up from
the manger to the dotted llne shown vetween A B. The front or stanchion
part of the fixture is 3 feet $61 /$ inches
high and slopes away from the man ger to increase its capacity and give
the calt the benefit of a ittle more spread in throwing the head up to
remove it from the open stanchion.
The stanchilons are made of well-sea The stanchlons are made of well-sea-
ooned 1 -Inch elm and no breaks hav occurred thus far. The youngest calves space for the neck when confined. The stanmer of holes so that the movable
numbight pleces can be shifted accord-
upre upight pleces can be shifted accord-
ing to the size of the calf. As calves orns interfere with the working of the stanchion the movable plece may
be removed and the animal allowed to go free while feeding. Thls syatem mitting calves to be fed individually according to thelr needs and entirely preventing the many bad habits so
frequently acqutred by the pall fed
fowls are closely confined in winter
or summer, it often happens, especial Iy if a ration is deflelent in green food
that the yolks are pale colored. In color in the yolk followed a change feeding to green clover and alfalta.
One lot, where pale colored yolks were One lot, where pale colored yolks were
the rule, laid eggs with orange colored yolks after they had been given the clover chaff and leaves. A change in color of butter is often noticeable in放e same way when cows are turned It is better to sow rutabaga turnips The best cows are the ones that the areful dairyman raizes for himselt. Rotation cust be practiced in the est results.
Black Winter or Spanith radise should be sown in August or Septem It has tuen sald
it has been sald that "weeds are the For the mischlef with a crop. plenty of water is necessary vineya the hot season sub-irrigation is ad. A fall crop of potatoes will be found land in good tilth during the sum.
later Sunshine and alr are essential to heath in chickens as well as any, the place where they are kept has
windown to let the sunshine in and
ventllators to bring in the fresh air.

## SPOPCISNB

 ursts at the point of contact and driven out, and the clean metal imme
diately unites, and makes ai perfed

CAME IN A WASHTUB.
$\qquad$

$$
\begin{aligned}
& \text { An aged apple tree stands on the } \\
& \text { premises of Henry Coleman at Dover }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Neck, In the historic locally th of the } \\
& \text { Arst permanent settlement of New }
\end{aligned}
$$

$$
\begin{aligned}
& \text { first permanent settlement of N } \\
& \text { Hampshre, says the Boston Globe. }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Hampshire, says the Boston Globe. } \\
& \text { Traditon says that the tree came } \\
& \text { over from England in a wwashtub. I }
\end{aligned}
$$

$$
\begin{aligned}
& \text { over from England in a washtub. It } \\
& \text { is not known who brought it nor in } \\
& \text { preetsely what year it arrived, but in }
\end{aligned}
$$

$$
\begin{aligned}
& \text { prectsely what year it arrived, but th } \\
& \text { veew of the fact that it is on lan } \\
& \text { originally owned by the Hilton family }
\end{aligned}
$$

$\qquad$
$\qquad$ according to the earliest record, "the others of the company having manned for a time at the first land
ing. near the mouth of the Plscataqua
$\qquad$ pple tree, becauze Captain Thom rillet, a noted sea captaln. whose grandparents setted in Dorchester.
Mass., in 1635, went to Dover wlth his young wife in 1721 and settled on the tood. Fot many Jorre he wro the To-day the apple tree, as an exam. probably Is without a peer in Amertca Although the trunk is nothing but a shell, It bears frult In great abunous than those of many a younger pples were produced, all perfect and
KEPT in track by "guides.

blind athletes make wonderful time.
The Overbrook record for 100 yards is $104-5$ seconds, very remarkable
men all things are considered. The runners being blind, it is llously necessary that they shall have some means of knowing whether they are keeping to the right track or not. Therefore wire cables stretch nd to these rings are attached short chains with handles. The racers hold ach a handle, and are thus able to keep an exact course. The tape also
akes a novel form. It consists of a hanglng fringe of cords. This the blind rumners strike with their faces, and so realize that they have reached me winning post. This fringe of cords is similar to that used on certa low bridge is near.--llustrated London News.

| ed near the rangers' cabins in the na- |
| :--- | :--- | :--- |
| lonal forests, and if they succeed, mand |
| Lusclous, mand aplece. |

arger plantations will be made. A1- The trunk is about four teet in a native broadlleaved trees, there is ameter. One slde is rotted away, so sald to be none ranking in commerctal which is so roomy that two men could mportance with the best Eastern hard- easily conceal themselves in it. The woods. The absence of such trees is 11 living walls of the shell are from two
ascribed not to cllmatic condittons, but to six Inches thick. The trunk is abou $\begin{array}{ll}\text { scribed not to cllmatic condittons, but } & \text { to six Inches thick. The trunk is abou } \\ \text { nostly to unfavorable seed distribution. } \\ \text { seven feet tall, and is surmounted }\end{array}$ An fnteresting instance of how a one large branch, which has bee aifculty may sometimes be turned $\begin{aligned} & \text { sawed off fitten feet from the ground }\end{aligned}$ Into an advantage is furnished by the aluminum-welding machine recently
nvented by s. Cowper-Coles. The ways been that a fllm of oxld persist ntly forms on the surface of the and prevents permanent adheston.
and
Cowper-Coles turns thls to advantage
by buttug the ends to be folned to rether, and then heating the joint in
a blowplpe. The film of oxd retaing he molten metal like a skin, and when boyn

Catarrh
Is a Constitutional Disease It originates in impure blood and radical and periming the blood, for its Hood's Sarsaparilla In usual liquid form or in chocolated tab-
lett known as Sarsatabs. 100 osese $\$ 1$. Nasal and other local forms of catarrh Catarrlets, 50 e . druggists or mail.
C. I. Hood Co., Lowell, Mass.

Posisibly the tallest bumboo. ca grows in Arcadia, Fla., and spread of 50 feet and the diameter a ground is 12 reet. The specime This is the common bambon of In from probably brought to south Florida as become naturalized and is popular y supposed to be indigenous. It makes an astonishing growth during uining their fulr height in six weeks,
then often at ifter which they begin to put on ve inches in diameter at thelr to Unfortunately this spectes canno and low temperatures, and the speo maged Arcada has frequently bee A Good Bualinean. It ought to pay. To people ride when th is fine,
To heat allay. course they ride when it is wet, For then they wish
quickly under shelter get;
Man is no fish.

May business car lind, you sea With humankind
Then to another Attention drawn: Ita hangers on. -Loulsville Courter-Journal.
Perhaps it may be laid down as a
general rule that a legislative assemhly. not constltuted on democratle
orincliples, cannot be popular long aft-Nan-You look perfectly tovely in
that goon.
Fan-Thnks. That's all I wanted to

know. Fortunately, I bought it on app | What Really Drawn. |
| :---: | The horrid men would rather see

$\qquad$
tuentitying Gunsy.
"What sort of a looklng chap is Gus "Well, If you ever see two men in $\mathbf{a}$
corner and one loozs bored to death,
the other one is Gusyy""-London "George." seorge\% Diseoverr. schoolmarm, "Is there any connecting link between the animal kingdom and
the vegetable kingdom? "Yeth, ma'am." answered George
promptly: "hseh,"-Evervbody's. "The nuthor of "There la No Doath'
has married an undertaker," says an Chistion anerage daily amount of meat con-
sumed by each individual in New York
City in City is 2.6 cents worth, which is a fall
ing of of about $1 / 2$ cent in five years. "Chtcaso propte think their city al "Don't yon belleve ft" sald the Call.
fornian, wwrmy.
nerve. That's Chicags

## All Who

Would Enioy
derstand, quite clearly, that it involves the implies. With proper knowled the of tern best, each hour of tyereation, of enjoyo made to contribute to living aright. pensed with to advantage, but under or nary conditions in many irstances a able if taken at the proper time and the California Fig Syrup Co. holds that it is aliko important to present the subject truthfully and to supply the one perfect Consequently thesiring it. Fige and Elixir of Senna gives general satisfaction. To get its beneficinal effecto Californin Fig Syrup Co. only, and for valo
by all leading drugrits.

