## FARMER'S ADVOCATE.

Farmers' Clubs. We give the following a wolcome space in our columns. It has been kindly for-
warded to us by the Secretary of the warded to us by the Secretary of the not belong to the city of Hamilton, but to a township in the County of Northumberland, over a hundred miles from the city.
We think some of our cities or farmer We think some of our cities, or farmers
near the cities, might be taught a lesson by their distsut friends. These Clubs are the very foundation of agricultural pros-
perity. It is our impression that some perity. It is our impression that some
leading men in Canada will be impressed with this idea, and Farmers' Clubs will be establisher in each township. We are
well aware there are great difficulties in the way: it requires time, patience and mow tardy and penurious are some of our them. Moner has been heaped upon them more from luck than from management;
but many would never expend one cent for any public purpose unless compelled to do so by the strict arm of the law. Those willing, laborious gentlemen who devote lishment or maintaining a Farmers' Club should be substantially encourayed. Their work increases the value of the poor-
spirited miser's property, aud he should be sompelled to dole out an unwilling dolla most profitably encourage such. There is not at this present time one farmer in one or adaptability of one quarter of the comor adaptability of one quarter of the com-
monest cereals or roots that are even raised in Canada, no, not eitlier of wheat peas, barley, oats, or potatoes.
These Societies teach us ; they cause us
to seek for knowledge ; it is only the best to seek for knowledge ; it is only the besture to impart knowledge many a stingy old cadger will even have
the barefaced audacity to desire to ridicule the attempt of some poor, vounger, more
enterprising man than himself tor doing his best to give informatiou. We hope
this will hit some ; but they do not belong to the subscribers of the Advocate, as that class do not take agricultural pajers,
Some of you may profit by these remarks some or yothe persons for whom we writenamely, the Public. The class we speak of have never had spirit or enterprise
enough to take au agricultural paper of enough to take au agricultural paper of
any kind; they know nore thau the united
knowledge of the e of the country.
The Secretary will accept our thanks
for his kindness. There are two other
Societies in Caid Societies in Cauada-prolably more
perlaps they will keep us posted. W wish you every success, and shall be pieased to hear of your pros

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Canada (especially in the Province of Ontario)
has ssi increa ed that it has beconie one of our staple crops; the six-rowed being the prin
oipal variest cultivat regard to the different varieties of borley,
Professor Law divides the cultivated barley into two distinctions-the two-rowed and sixrowed. Lawson describes twenty varieties
while the museum of the Hi hhand Agricul. tural Society contains specimens of thirty of more. The classification of baliey by the ear
is of three kinds-the four-rowed. termed in Britain Bere or Bigg, the six-rowed, and tiorowed. Of these, , the Bere or Rigg was that
which was mostly cultivated about a century which was mostly cultivated about a century
ayo, but more recently the two-rowed has ayo, but more recently the two-rowed has
aimost entirely supplanted it, and is now the
most cominouly cultivated barley in Britain Most commonly cuitivated barley in Britain,
the six-rowed being rather an object of curiosit than culture. In cleasisfing batrey by the
grain, there are only twi) grain, there are conly twi, knds, Bere or Bigg,
and barley: In the bere, the medium line and barley. is the bere, the medium line o
the bosma is so tracel an to give the grain a The bosus is so racer as to give the grain a than the other. In the lariey the line passe.
straight, amd divides the srain into tuo equal s des, whose shortness and rluumpuess give it character of supeiiority. The thigg has lon been recagnised in Scotland, and ia two-rcwe
variety under the name of commion or Scotcl barley was for a long time cultivarad, but
vereral of the English varieties have bee veveral of the English varieties have' bee color, plumper and shorter grain, malts mict quicker, but is less hardy and proificic tha in common barley. The great bulk of barter used for maiting purposes, and is excelen
food (when choped) for fattening catte and
pigs, and also for horses when boiled, and mor pirs, and also for horses when boiled, and mort
ecunomical (considering the present prices of
and
 per cent. more than tlat of peas, equal weight In speaking of the cultivation of barley,
would say, in the first place, that a loam so is the most suitable for its production.
Although barley is not so hard on the soil Although barley is not so hard on the soil
sone of the cereals' yet it requires a clean
rich soil, and land that has been made fit fo rich s oil, and land that has been made fit for
turnip or other boe crop will give a greater turnip or other hoe crop will give a greater
yield than when sown after any other cereal. th does not require a deep seed bed, but ont expect a large rituru. In, preparing th soln whi sh yid be pll.ughed once in the fall,
as to lave the benctio of the winter's frost ; as to liave the benctit of the winters frost ;
biould be ploughed in ridges the pri per widt r sawing ; if sown on wheat or oat stubble
plough as soon after harvest as possibie, an
airuw after to kill ail wid arruw after to kill ail weeds. If nit iic
 In. In sping, when the land is in a fit state
for working, and just bef res, wing the ground
hruid be gone over with the cultivat , r, crossing the furrows, and sugle tine with the har-
ind Whws after, in order to give a loose and even be better than the cuitivatur. As to the proper time for sowing, much will depend or the ceaon; if spring opells earily, and con in the
fine, without frost, it wight be sown
last weetk last week of April, but generally I would not
8ow until the 5 th or loth of Muy, or even later, as the young braspary to get nipped with firost, and be the cause of reducing the iucrease
of tioe crup. There is much difference of npi-
 in sown carly, less seed will le required than
ilen sown late, two bushels per acre being cufficient at any two time, lut I I would rather sow
if than 2. A juicious selection of seed is an


 harooved in with light laarrus, and the rolling
left itil the braid is well thoneh the groud
I night say that I have f und. frem three to
 effict of stiflening the straw, and is of great
beneffit where barley is sown on rich clay oiil
Gentlemen liaving given youn ny knuwledge
atout barls, and ny smail experience in
and regard to its
your discussion.

as that gentleman had truched on most of tl
subjects conected with barley that he coul
think of. He thought tilie six-ruwed variet
He think of. He thought tilie esix-rewed variet
was most suitable for us, chiefly on account was most suitable for us, cliiefly on account on on
murk mat-the Americans lik dit be.t. $H$ thought the two-rowed bartley yielded best specialy on clay soils, but that the six-rowe
ripened earlier, and was not so easily discollred if we happened to have showery weather dhr
 he thought it did best either affer a summe Calluw or a root crop that had been well ma fall. in ridges say frum 15 to 18 feet wide, the in the spring culitivating across the ridges. twi
ir three days before sowing. He would n n sow too early, as harley was a tender p'ant, on was apt to he hurt with frost if sown early.--
He had found a great advantage in dressin well ground for barley, by drawing cot shor
well rotted manure eveñ during winter or earl pring, and spreadivg it over the ground, th
ultivator mixing it with the tep suil ; he ha und it beneficial to apply plaster to barly
came up (especially if the season was dry came up (especialy if 150 seasto was he the the ae thought salt would be aul advantave ; out or five fundred weight of salt to the ac
Bis barley this year. Barley was sown $t$ ha his barley this year. Barley was sown thin
early on a clay soil ; the theound was lump was apt never to come up throng the
ground at anl. One year he sowed his barley, he next day a heavy rain eame on, and one
half of the barley never got through the the ground onght to be well prepared befon hwing barley, made mettow on the top, no
tho deep, as harley drew its nourishment fron near the surface; he thoucht that to appht sbout 150 lbs . of superphosphate of lime atome
*ith the barley, harrowing all in together with the barley, harrowing all in togethe
would be ar great advantage. He had seen
one dust applied at the rate of six bushel one dust applied at the rate of six bushe!, part yiflded ten bushels an acre more that Mr. Bourn said he had no experience wit tarley; he had only grown one crop, and
found it dil not answer on lis light soil ; he thought it did best either after fallow or elsi
fier 2 . root crop; lie would prefer it after oot crop on a fertile soil ; he thonght the
and requirt to be made very fine for barley, more so than for wheat ; lie thonght spriug wheat would do well on ground that wax to do well on light, sandy land ; it would dry up and cone to nothing.
Mr. Francis Aitchison said that of all the cultivated grains there is, perhaps. note which
comes to perfection in sucl a variety of clicomes to perfectiont is such a in most parts of
mates an s iriey. It
the habit:table globe, and maintined itself in suite alike of tropical heat and drauglit. ani the cold of regions bordering on the frigit
 twe crops of barley may be reaped the same
year, one in spring from seed own the pre-
viout autumb, and one in autumn from vious autumL, and one in antumn from a
spring sowing. Tlis explains a passare in the
Bithe (Exod. ix. 31), where the eff ct of the hail which desplated, Egypt in consequence of
Piaraoh's refusal to let the cliildren of Israe Pharaot ry refusal to let the clindren of 18rae
depart is thus described :- "The flax and the barley were smisten, for the barley was in the
ear and the flax was bollid. but the wheat and the rye were not smitten, for they were
not groun up." It is agreed anong coummen-
tators that the event this narrated to place in the month of March; the first crov or barley was therefore nearly ripe and th
flax ready to pull, hat the wheat and rye sown
in spring were not yet suthicently advanced
in growth to be hurt hy the hayi grows best on light, fertile soil, well cultivated
and free fron weeds, which are more injurions to it than to any other grain; it should
therefore, follow a hoe crop. if possibile. Roo crops require a well-1.ulverized soil, and so
does barley. In Scolland, it is almot al anays
sown after turnips, which have beeu either sown after turnips, which have been either fed
off hy sheep or drawn to winter quarters for
cattle ford. This prain does well
 season of the eear. But it should always se
borne in mind that it is very pour policy to
sonv barley on tand not propery pulverized.
Barley erows and ripers with astonishing raBarley grows and ripens with astonishing ia-
pidity; nevertheless. it should be quit in as
early as the state of the ground will admit, early as the state of the grofnd it is quite
and shound be harvested befere it
tipe, as it quickly rijures if allowed to stand
too long. When harvested early, the grain ont and be wasted The qrain of barley very nuch resembles tiat less gluten and more tarch and sintiar, as the resnity of which it
s less nutritions. thinugh equally wholesome. Barley is quite as exhaustive a crop as wheat, not; indeed, more so ; it is, therefore, a misond a condition for it as for wheat. Barley will do well in a shatlower soil than wheat, weanse it sends its mot very much along the Mre Pente eaid he thoubt he it tle to what had heen alreadr said, as thrso hn had spmen had reety well exausted the
inject. He would prefer the $t$ wo rewed $t$ o he six-rowert harley. if it were not for nur
he sere marknt: the Americans were nur chinf binyers,
und they preforred the six-mwed barley. and ee hust grow what suited them. tholuh in the ix hashels on acre mire of the two-rawed diffficult to disposse of it: With him, if harley vas enwn ntter rmits, it grew ton strnng and He alwavs monured his root ground very hizhlv. and had sometimes sown an acren or so gront crnp and a fine smmple. but was dissapminted; ith niways grew too strong. He zenplony souvid his whot land with whent then cultivated. and sowed with barley in the
sprithe. harley, and a and waynle. If he was going
tor manure land for harley, he would do it in the fall hefore nnoughing; it would then get vell mixen with the soil whan it har the neWhen sowing twe-rowed briley he nied from a hutshel and a peck to 14 bushels af seed to hishels if seed to the acre. $H e$ had never trind ealt on his harleve hute thnught he would
thid verr. as he heard that salt helped to stiif Mr. Yomng said in his experience with harlovy. he greatlo proferred the two-rowed va rietr, as it did $f$ ir the hrst with him and he
had fond dind difficnlty in selling it and getting the Heshirst price pring for barley. On no nechicin in the same fipld. he anwed hoth the kinds of harley. and he gnt fmm 8 to 10 hushfrom the nere miner kind. Thought the twe
from
nt rowed dif best on clay anil. With $\operatorname{him}_{\text {anwn }}$ aftrer rnots. it lay down and lodge
enw hadly. He thnught that about the $24^{\prime h} \mathrm{n}$
d pril was the hest time to sow harlev. If ho manured land for harley he would either man "re it in the fall befrre no
the ton a ltorethether. He plougher his land for the epring. said that as far ac ho mach had hoen alrealy shic that as tar as he was onncerned he woull
he hrief in stating his exnerience in the cult vation of barley. His
Has isean was to poll in the flough his and well in the fall, and give it a gond coat-
ing of manure if he had it and the land nuired it. He then gave it a light nlonghinz yy t'ree inches deep or so. the spring nlongh.
ing into broad lands across the fall ploughing: he then cullitivated it. efpecially if there had inen rain after the crnsa ploughing, this mak-
ing the land fine and level. No matter how fine the weathor micht he. he never calculated in sew harley hefore the 8th of Mav, and
when the weather was not favorable ha was Monetimes as late as the 15 th to the 20 th n it
Mav. He had never been tronhled with pring frosts; if barley gets any check it is very detrimental to the cron. It very enldonn
rocovered a severe check, though sometimes io
did. A vote of thanks was given to Mr. Sidov,
in the very ahhe practical manner in which ho had introdnced the subject.
The next meeting olvh was anninted to ha held at the 13th of April. at 2解 the cultivatinn of Turnips, Carrots, and Mangor Wirtzels.
Mr. John Pratt to introduce the subject. Ifalian Bees in Utaf.-A Utah correa. Italian beess imported into that Territory last suring, and that they have thus far proved a
decided success in many instancees. one live producing four to six swerms, and ion prunis
of honey and unward. There is alkn a lively interest noted in relation to the importation
of impreved breeds of , borses, cattle, slecep of impreved
and owne.

