Events

Disastrous floods ha

Forest fires are repor

between Revelstoke ar eral miles of railway ar

ness of seed. As soon as the plants appear I use the This is why the part of cooking utensils that comes wheel hoe and cultivate very shallow, for onions do in contact with the fire should be dark and rough; not need deep cultivation. Be sure and keep the this is the reason why light colored clothing should earth from the bulbs. I pull the earth away with my be worn in the summer time. hands for if the onions get covered they do not grow twenty-five cents.

on farm gardening are all very good and if they are degrees lower than over a light colored lawn. properly carried out there is no reason why every farm should not have enough vegetables to use the by radiation and can gain little farm the ground by the directors and officials of the local farmers' the directors and officials of the local farmers' and officials of the local farmers' the directors are directors.

Garden Frequently Neglected

EDITOR FARMER'S ADVOCATE :

these may be obtained.

For my own garden I choose a good location as into the valleys and hollows.

close to the house as possible. I had a large patch of scrub and poplar in the middle of which I plowed has simply to keep in mind the conditions which up a suitable sized garden patch, leaving a fringe of trees and scrub around to prevent winds from doing tions.

being neavier than warm an, win slowly side down score 69\frac{3}{4} points.

Boys twenty years and favor frost damage and try to overcome these conditions.

In the class for me damage. I have been cropping this piece continuously for 14 years and have an excellent garden each year. Every fall I give it a coat of three or four inches of well rotted manure. I do not plow it until as late in the fall as possible, in fact I wait until I am afraid the ground will freeze up, and then I plow layers it beam deep. This is to prevent grubs eating up my 5. I am atraid the ground win freeze up, and then I plow it beam deep. This is to prevent grubs eating up my stuff the following spring. I may say I have never been troubled in the least with grubs, while my neighbors, who plow any old time, lose all or most of their garden stuff and so get discouraged. My produce is always early, often having ripe tomatoes a have from August 4 to August 8. I produce all class screens are used in greenhouses and cold frames. on bushes from August 4 to August 8. prizes for garden stuff at the local fairs.

I produce all vegetables that will grow here and take frequent prizes for garden stuff at the local

To go into details regarding each variety would be too long, but would say that by the aiding of a seeding and other small garden machinery much time and energy is saved. I use a Planet Jr. seeder and attachments and in one hour I can do more and better cultivation with it than any man with a hoe can do in ten hours, and he works for all he is worth. using machinery a garden gets more cultivation than it otherwise would at the hands of a busy farmer, and this cultivation pays well. I have a good supply of red, white and black currants which are arranged in rows down one side of garden, and my rhubarb in rows down the opposite side, thus not being in the way at plowing and harrowing time.

The article on onions in your issue of May 5 by B. E. Neville makes me think I will give my experience of the best crops of onions I get. I selected a portion harrowed down after the potatoes are dug. snow in winter and early spring packs the land good and solid, and in spring I put a board across my harrows, stand on board and drive straight down the piece of land, the teeth marks of the harrows forming The ground in this way is left solid, through the orchard where the drill rows. not to push soil against onion plants, as I believe this on the sled so that the straw can be kept wet. has a tendency to produce thick necks and small As the sled is drawn along the vapor and smoke bottoms. I thin out to about four inches in the row. settles to the rear and falls close to the ground in a

the freezing point of water.

The damage done by frost in the spring of the year is often very great. Early garden crops, strawberries, raspleries, plums, and even the larger fruits dry heat to the air by burning coal in wire baskets.

CONDITIONS FAVORABLE FOR FROST FORMATION

good absorber of heat that warms up quickly in the particular place or interest.—J. Warren Smith, to the other as occasion requires sunshine.

—From Coburn's "Su

hope for a good garden. Now, I take a home-made roller made from a piece of heavy log and pull it face are better absorbers than light colored, smooth over the garden. This levels the surface. I sow ones. Lay two cushions in the sun, one dark and one onions in drills one foot apart, but always test the light, but with the same texture, and see how much drill by running it on a board to get the right thick- hotter the dark colored one gets in a few minutes.

so well. As soon as they are ready thin them to heat by radiation faster than they are gaining it by about two or three inches apart in the row, and never absorption, they are growing colder. Thus, at night allow the weeds to get ahead of the young plants. Last year I sold one pound of Red Wethersfield and had thirty bushels of onions. Some I sold for two it become colder than the air. Good absorbers of dollars a bushel and the balance for one dollar and heat are also good radiators, so that dark colored soil will sometimes be from 6 degrees to 14 degrees colder Now just a few remarks about the articles contributed by Brenda E. Neville. I think her suggestions over a dark colored lawn has been found to be 1½

Grass and growing crops loose heat rapidly at night would be rather slow if gardening was done on a large would be rather slow if gardening was done on a large scale. For my part I prefer the garden seeder every time and always had good results.

Man. Thos. Walker.

Walker. over bare ground, and in clover two and one-half and much credit is due them. W. Gorham, the secre-

Frost is usually seen upon a board walk or roof of a low shed first, because these objects loose heat rapidly competitors in the various classes. by radiation and gain little from the earth by conduction.

I cannot help but be surprised at the negligence of most farmers regarding the kitchen garden. As a rule, they regard work done in the garden as so much lost time and energy. Right here is where the mistake is made. I do not intend to point out the delights of having one's table always plentifully supplied with fresh vegetables, small fruits, pickles, etc., but to indicate with what little time and energy here may be obtained.

When the surface of the earth and the leaves of with a score of 92½ points, winning the sweepstake's cup and championship prize. At this is the third time he has won the cup it now becomes his personal duction, but this cooling extends up only a little way because the air is a poor conductor of heat. Hence the delights of having one's table always plentifully supplied with fresh vegetables, small fruits, pickles, of the ground. The coldest air in a clear still night is near the surface to the class for boys sixteen years and under, supplied with fresh vegetables, small fruits, pickles, of the ground. The coldest air will always be in the class for boys sixteen years and under, supplied with fresh vegetables, small fruits, pickles, of the ground. The coldest air will always be in the coldest air will always be in the class for boys sixteen years and under, sween contestants strove for honors. P. Hoddinott won first scoring 82 points. R. George second the property. In the junior competition the T. Eaton the class for boys sixteen years and under, sween contestants strove for honors. P. Hoddinott won first scoring 82 points. R. George second with a score of 92½ points, winning the sweepstake's cup and championship prize. At this is the third time he has won the cup it now becomes his personal duction, but this cooling extends up only a little way because the air is a poor conductor of heat. Hence the delights of having one's table always plentifully and the leaves of the property. In the class for boys sixteen one of 92½ points, winning the sweepstake's cup and championship prize. At this i

METHODS OF PROTECTION AGAINST FROST

Diminishing the radiation of heat.

Raising the dew point of the air. Adding heat to the air.

Mixing the air so as to prevent its forming in

I produce all Cloth screens are stretched over large fields in France. from Winnipeg and several adjoining municipalities. vegetables that will grow here and take frequent Laths are fastened to telephone wire and are dzawn over orchards in California and Florida. Along the that the provincial government be asked to appoint lower delta of the Mississippi the owners of valuable a good roads' commissioner to have superintendence.

by throwing a handful of hay over them. When it is when he was good roads commissioner for Ontario cloudy, very little heat is lost by radiation; therefore,

It was the census of opinion that proper gravelling them with a smoke or smudge.

air cannot lie still near the earth.

A damp smudge may be made by burning numerous immediate action. small piles of damp straw and stable manure. This material may be packed into old grain sacks and distributed through the orchards or garden in rows about 100 feet apart and about fifty feet apart in the rows. When it is found that the temperature is of the best crops of omions I get. I selected a portion of my potato ground for the onion bed. This is well getting down near the freezing point, a small amount will compete. on the grounds. sack and then set on fire. smoldering fire for several hours.

The seed is then sown in the harrow marks, lightly plan is to stretch wire netting from the four stakes of stock than it can comfortably support, with the result covered and rolled or pressed. Just enough culti- the body, pile on damp straw or strawy manure, and that the alfalfa plants are gnawed, trampled and vation is given to keep down weeds, care being taken then build a fire underneath. Set a barrel of water rooted out, while the animals fail to prosper as they

long white trail. One man can protect about ten Preventing Damage by Frost

Frost occurs when visible moisture is condensed from the atmosphere at a temperature near or below

The than the trial protect about tell and the expense of the sled need not be over ten dollars. In one case in California four crop, the estimates given by farmers vary consideration of such sleds and 500 sacks of manure saved 300 acres ably, depending on the kind of soil, the fertility of the from the atmosphere at a temperature near or below

The tothle almount of pasturage or the number of hogs alfalfa will carry per acre without injury to the crop, the estimates given by farmers vary consideration of oranges during a six nights' freeze. The estimates land, and the size of the hogs pastured. The followcost was less than 1 per cent. of the value of the crop ing, however, is a safe estimate as given by conserva-

From twenty to forty of these baskets, costing from 123-pound nogs. Change of the same kind of seven to ten cents each, are scattered over each acre, support from eight to ten head of the same kind of filed with coal and burned as needed. It has been hogs. There are fields that have supported twenty 1. Clear skies. 2. Dry air. 3. Nearly still air. filled with coal and burned as needed. It has been hogs. There are fields that have supported twenty-All bodies are radiating heat all of the time. The found possible to raise the temperature of the air from five head per acre through the season for a number of All bodies are radiating heat an of the time. The found possible to false the temperature of the air from surface of the earth and objects upon it are receiving three to five derees throughout an orchard in this way years and are still in good condition, and there are heat from the sun, when it is shining brightly, faster and thus save damage by frost. The coal can be other fields that will not furnish pasture for more than they are losing it by radiation; so the surface merely piled up in many small piles. We would adturn five head per acre through the season for a number of years and are still in good condition, and there are other fields that will not furnish pasture for more than they are losing it by radiation; so the surface merely piled up in many small piles. We would adturn five head per acre through the season for a number of other fields that will not furnish pasture for more than they are losing it by radiation; so the surface merely piled up in many small piles. We would adturn five head per acre through the season for a number of other fields that will not furnish pasture for more than five head per acre through the season for a number of the area of the death per acre intotage the season for a number of the area of the fields that will not furnish pasture for more than they are losing it by radiation; so the surface merely piled up in many small piles. We would adturn five head per acre through the season for a number of the fields in the season for a number of the field is only acres.

FIELD NOTES

Bird's Hill Plowing Match

when bodies on the surface of the earth are loosing eat by radiation faster than they are gaining it by bsorption, they are growing colder. Thus, at night the heat absorbed during the day is lost by radiation. tute and from many a standpoint it was a pronounced success. The quality of the work performed was of a high order. Professor Peters of the Agricultural College having no easy task in making the awards.

Considerable interest was shown in the work done by the various competitors although the attendance was not speakably large. The ladies' aid of the Presbyterian Church catered to the hungry needs of

institute strove to make the competition a success tary, was a live wire in promoting the success of the

Twenty-one contestants totalled the number of the

A. Henderson carried off the honors of the day When the surface of the earth and the leaves of with a score of 92½ points, winning the sweepstake's

being heavier than warm air, will slowly slide down score 781; J. Black, third, score 774; R. Waugh, fourth,

In protecting tender plants from frost, then, one Boys twenty years and under brought out four plow-has simply to keep in mind the conditions which men; F. Henderson, 883; A. Hamelin, score 784;

In the class for men twenty-one and over there were three entries: W. Knipe, 813; J. Williams, 791; J. Michie, 793.

For the gang competition A. H. Studham was the only entry, he earning a score of 90½ points.

Six plowmen rivalled for honors in the open by the cold air away from the seesion that championship class. J. A. Henderson was awarded first with the score of 92½; H. Bushel, 2nd, score 87; E. Garven, third, 841; J. E. Franks, 781.

During the afternoon the good roads committee Any covering will prevent the radiation of heat, held a conference and many prominent men interested lass screens are used in greenhouses and cold frames, in the work held forth. Representation were there

The most important decision of the meeting was a good roads' commissioner to have superintendence orange groves actually house in acres of the groves.

Strawberries are very successfully protected by ing on of a campaign of education such as was conturning the mulch up over the plants, and cabbages ducted with such signal success by Mr. Campbell

It was the census of opinion that proper gravelling crops have been successfully protected by covering of the leading roads was the best method of improvement besides being a cheap and efficient one. Others If a damp material is burned, the smoke and cloud advocated the use of the split log drag in road work, of moisture diminishes the radiation of heat, the and doing the work at a time when it would count for moisture raises the dew point of the air, the fire adds most. Every speaker appeared to be enthused with heat to the air, and the air is mixed, so that the colder the importance of improving the rural high-ways believing the situation demanded combined and

> An exhibition in sheep shearing will be one of the features of the Calgary Provincial Exhibition this year. A number of expert shearers from the south will compete. One hundred sheep will be sheared

An even better plan is to build a smudge fire upon some low wagon or sled, so that it can be drawn about to pasture swine on alfalfa is in overstocking. There The great mistake made by too many who attempt is a tendency or temptation to keep in a pasture more would under more rational treatment.

As to the amount of pasturage or the number of tive men who have had much experience. River In some cases it has been found practicable to add valley and creek bottom land well set in alfalfa will carry from fifteen to twenty head per acre of 50 to 125-pound hogs. Upland of fair average fertility will

-From Coburn's "Swine in America."

in Central New Bruns vailed for some weeks a loss will be hundreds of dreds of men are engage A rush north to th Rouge is expected now

trains for days.

lakes. Gold has been remarkably rich quar nearest point in civiliza

For the first time steamer arrived in Wi Forks. The steamer cof the North Dakota of with the possibilities of commerce.

Seventeen quarter Indian Reserve were s almost phenomenal price obtained was \$8.75 an average of \$17.70 per ac covered with heavy scr

Many of the large line refused to take wheat preferring to take water cut from Canadian line trade developed within passenger boats out of wheat at the cost of loa of the Canadian lines to is resulting in a good sli American ports but it is owners will long contin of handling.

BRITISH

An international ball Indianapolis last week, s

As things are develop as if President Taft is go tariff measure as revise dent, it is believed, is to Republican party is co lower tariff, there must revision.

Things to

Provincial Plowing M. Oakville Plowing Mate Winnipeg Horse Show Edmonton Exhibition Provincial Exhibition Portage Exhibition, Winnipeg Industrial 1 Brandon Exhibition, Highland Society's

Provincial Exhibition, Neepawa Exhibition, Central Saskatchewan August 3-6.

Prospects G

EDITOR FARMER'S ADV I would like to dray things. When anyone ticular kind of cultivat of crops, he should be v he lives as such a meth gives from Winnipeg, part-Southern Albert we can work in manure the manure dries out the crop. This is a goo the manure on to the thawing out now and t while the horses are fee well and that pulverize

the weeds, then start t

June, harrow later on

If a good heavy rain co

and cause evaporatio

or as soon as the grou

field worked like this wi

kind of grain or potato The land is in good s moisture and prospects to hear from other farr farming as the advoca have a few things to The ordinary farmer has