

THE ONTONAGON HERALD.

DEVOTED TO THE ADVANCEMENT AND PROSPERITY OF MINING, AGRICULTURAL, RAILROAD AND LUMBER INTERESTS OF ONTONAGON COUNTY.

VOL. 34. No. 20.

ONTONAGON, MICHIGAN SEPTEMBER 9.

\$2.00 PER ANNUM

SOUVENIER EDITION ONTONAGON-GREENLAND-MASS-ROCKLAND.

Wm. Krohn, Dr.

LIVERY.

Boarding, Sale and Exchange Stable, Autos for Hire. First-Class Turnouts Furnished for all Occasions. — Also dealing in Wines, Liquors and Cigars.

— Telephone Connection. —

Wm. Krohn.

A member and citizen of the community for a great many years unquestionably deserves the support of his neighbors. For 17 years he has been in business in the same location, carrying on successfully his livery business.

Mr. Krohn is the Republican Nominee for County Clerk and Register of Deeds. He is fully able to perform the duties of this important office. From his long experience in business he will unquestionably fulfill the duties required in an efficient and business-like manner.

Mr. Krohn has host of friends who are giving him their support. If elected to the office he will be unhesitatingly benefited by having an able citizen directing its destinies.

The Elk Hotel

H. W. STEGEMAN, Proprietor.
THE LIVE WIRE HOTEL MAN.

Mr. H. W. Stegeman.

Proprietor of the Elk Hotel, is a man of varied experience in the Hotel Business, which qualifies him as one of the most competent hotel men in this section of the country. His former connection with the Cushman Hotel at Petoskey, Mich., as chef and owner of Summer Hotel at Kalamazoo, Mich., and the public of splendid accommodations at the Elk Hotel. He maintains a splendid service and serves a wholesome table, well prepared and under his able direction.

Mr. Stegeman is always seeking to please and it is very seldom that a traveler can find such good service and good fellowship as exists at his hotel. He is now permanently located at Ontonagon.

Marleys Variety Store

Dry Goods, Notions, Confectionery, Cigars, Tobacco, Ice Cream, Canned Goods, and Supplies, Cents Furnishing Goods. — Manufacturers of Cigars and Tobacco.

The Variety Store Man.

14 years ago Mr. Marley located in Ontonagon in the Clear Mill busi-ness, and later decided to enter the Variety Store business in connection with which he is devoting most of his time. His efforts and ambition has made him a friend to all. His mainly and upright character, won for himself the respect and confidence of every one in the county.

Edward Carroll

TOWNSHIP TREASURER.

Edward Carroll

is the owner of a prosperous insurance and real estate business, which he established over 20 years ago in Ontonagon.

Mr. Carroll is no stranger in Ontonagon County and is in the pioneer class, having been born in Ontonagon in 1868.

Mr. Carroll's specialty is fire insurance and during the past 21 years has built up a business that is second to none in the County.

He takes considerable pride in the fact that every loss incurred in his agency has been satisfactorily adjusted and paid in full. Mr. Carroll has also found time to devote some of his energies to public affairs, being especially interested in school affairs and it was largely through his efforts that Ontonagon secured its magnificent high school in which the citizens all take pride. He is now serving his second term as Township Treasurer.

Henry M. Powers.

Among the men of whom Ontonagon County is justly proud, is Henry M. Powers. We take great pleasure in presenting the following brief sketch of his life and characteristics.

Mr. Henry M. Powers was born December 22, 1859, at Hancock, Michigan, of Irish ancestry.

In 1874, after the death of his parents, Henry M. Powers came to Ontonagon to live with his brother, Michael A. Powers, who was County Clerk and Registrar for Ontonagon County for thirty years. Having previously acquired a good education in the schools at Hancock and Ontonagon, he soon began to be self-supporting, putting his shoulder to the wheel whenever opportunity offered, among his other employments having been employed much of his time as a clerk in the exploring camps. He was subsequently appointed Deputy County Clerk and Registrar, commencing in that capacity in 1884. In that year Mr. Powers entered the drug business in partnership with Dr. H. E. Cary and succeeding well in its management, he bought the doctor's interest in the store in 1887, and has since carried on a substantial business as its sole proprietor.

In addition to his drug business Mr. Powers for fourteen years was editor of the Ontonagon Herald.

Mr. Powers is one of the live wires of Ontonagon County and is ever willing to aid in the cause of up-building Ontonagon and Ontonagon county.

Ira E. Bush.

If a man in the county is entitled to the support of the people, he is our well known and upright citizen Ira E. Bush, who is a democratic nominee for Probate Judge. Mr. Bush stands on his record for squareness and honor. His connection with the following institutions for the past 2 years, first coming from Illinois in 1893 engaged 4 years with F. J. Hargrave Co. Even

Two years with James Suits, Even.

Two terms as Treasurer in the Village of Ewen, Ontario, Canada.

Three years Supervisor of McMillan Township.

Four years Treasurer of Ontonagon County.

One year as Cashier of The First National Bank, Ontonagon.

Five years as Cashier of Citizens State Bank, Ontonagon, which qualifies him as a man capable of performing honestly and conscientiously the duty of this important office. Having been a citizen of this community for so many years, he is recognized as the able man and the people will find a benefactor in electing him to the office of Probate Judge.

We sincerely hope that the next prefix to Mr. Bush will be honorable judge Ira E. Bush.

J. P. Driscoll

SHERIFF OF ONTONAGON COUNTY.

J. P. Driscoll.

In his appeal to the people of this community for re-election to the office of Sheriff of Ontonagon County stands firmly upon his record, always an upright citizen and a firm believer in upholding the law. He has creditably and conscientiously performed the duties of his office when his duties called.

Mr. Driscoll was born in Wisconsin and has lived in this county for 17 years. He is known as always having been sober and industrious and if re-elected, he will aim to maintain and perform his duties as a public spirited and high minded citizen.

J. P. Donnelly & Co.

Dealers in —
GENERAL MERCHANDISE.

J. P. Donnelly & Co.

This concern is the pioneer business firm of Ontonagon inaugurating in 1896, just 5 days after the great fire. Starting in a small building they have gradually forged ahead, until they stand today, firmly established upon a foundation of confidence and good faith.

This splendid concern always maintaining a fine spirit of progressiveness has successfully developed a foundation that has brought success in abundance. Their policy always has been and will be service to the public first.

The merchandise handled here is the best the markets offer.

Carefulness in their selection has been the key note of satisfaction. It is well known that when you buy anything at Donnelly's it must be right.

Success is its future.

Halter & LeMoine

Dealers in —
GENERAL MERCHANDISE.

Halter & LeMoine.

The term general merchandise comprises of many things in the true sense of the definition. It means commodities used in a general way. Here we have a fine example at this store, practically visualized. Coming in this store, the eye is pleased, because of the many fine things it can feast upon. Truly Ontonagon should be proud of this store.

The men who directed its policy are of substantial character.

From its inception in 1896 starting in a very modest way it has gradually grown to its present proportion. They have guarded their reputation for square dealing very carefully and today Halter & LeMoine's store stands second to none.

Ontonagon Sanitary Bakery

WALTER BERGERON, Proprietor.
Ontonagon, Mich.

Walter Bergeron.

The spirit of progressiveness and eminence exists in Walter Bergeron who is the general of Ontonagon Sanitary Bakery coming here in 1913 from Chicago, he has built up a bakery business, that is a credit to this county, keeping right in line with up-to-date ideas. He has installed a machine which is a bread and cake mixer which insures on absolute sanitation. Mr. Bergeron was born in Ontonagon and attended high school. He is a credit to the community and through his efforts has built up a most remarkable and successful baker business. His bread can be obtained from any section of the county.

Central Garage

R. J. Barbera, Proprietor.
AUTOMOBILE ACCESSORIES
AND REPAIRING, RACINE
TIRES AND TUBES, TIRE
VULCANIZING.

R. J. Barbera.

proprietor of the Central Garage came to Greenland from Duluth 4 months ago. He is a true and practical mechanic and understands automobiles. In addition he handles a complete line of automobile accessories, vulcanizes tires and is local agent for the Racine tires and tubes.

His Garage has an oiling station which is located across from the Bank.

Mr. Barbera, although a young man, seems to be capable and asks the public to give him a trial. All his work is guaranteed and he makes a business of completely overhauling and repairing cars.

Greenland Meat Market

Wm. McClaskey, Proprietor.
Dealer in —

FRESH AND SALT MEATS,
FRESH AND SALT FISH,
BUTTER, EGGS AND
CHEESE.

Mr. Wm. McClaskey,

the Proprietor of the Greenland Meat Market has carried a line of staples including vegetables, fruits and line of Groceries of a standard quality. For 9 years Mr. McClaskey was mining, then he started in the Meat Market Business 18 months ago. Through his efforts to please and to serve the public, he has developed a successful retail business. Mr. McClaskey's venture, is rather unusual however, it proves that a man who has been foresight and good judgement can make a success in almost any undertaking. His business will undoubtedly prosper, as his efforts to please are becoming recognized.

The Greenland Hardware

Emil Trudeau.

Greenland's leading hardware merchant, catering to the needs with a full and complete stock of paints and cutlery, shelf and heavy hardware. He is also agent for the Graystone store. His new building was completed in July and is fully equipped with all of the newest and most modern up-to-date fixtures. Within the near future Mr. Trudeau intends to handle a complete line of machinery and furniture, he anticipates a good business and will endeavor to carry everything the public needs in this line.

Mr. Trudeau has given evidence of progressiveness and his untiring efforts will surely reward him his ideas of conducting business, and he believes in giving his customers. The very best service possible. Greenland community is indeed fortunate in having such a progressive young business man in their community.

Miners and Merchants State Bank

Capital \$200,000. Surplus and Undivided Profits \$80,000.
Established November 1st, 1912.

OFFICERS:
B. F. Barze, President; W. B. Hanna, Vice President; Paul Francis, and Vice President; Martin Forslund, Cashier; W. E. Nines, Teller.

The Miners and Merchants State Bank

of Greenland, Mich. was established Nov. 1st 1912 with a capital of \$200,000 and does a general commercial banking business.

Sells foreign and domestic exchange.

Money Orders are the cheapest and most convenient method of transmitting funds. The safe and up-to-date method of paying bills is by check. You always get a receipt and always have the right change. Ask us about it. One Dollar starts an account. Start one for each one of the family and teach them the value of economy and thrift.

A safe deposit box in our vault is safer and cheaper than a small safe in your home. Rent one and protect your valuable papers.



J. T. Kirkish Co.

GENERAL MERCHANDISE,
Greenland, Mich.

J. and T. Kirkish Co., Greenland.

The Kirkish Bros. were firstly located in Chicago in business. Then locating here 1 1/2 years ago and have the most complete stock of any one store in Ontonagon county. They have the name of the one price only and handle up-to-date clothing, also carrying a \$6000 stock of the Getz shoe and the Reducto shoe. T. A. Kirkish is the general manager and is one of the most intelligent and young progressive fellows agoing. You can rest assured of getting everything you want that you can get in any large store in the city. The Kirkish concern has through its former experience in the city installed the same ideas here in their business which is growing rapidly and their store is a credit to the public. Their aim is to please and they surely have proven same from the moment the establishment was opened. When buying their stock they buy in large quantities to lower the price to the people.

Nara Bros. & Pfeifer.

Dealers in —

Staple and Fancy Dry Goods, Groceries, Meats, Provisions, Ready-made Clothing, Notions, Boots, Shoes, Hats, Caps, etc.

Nara Bros & Pfeifer.

This store must be given a complement to which it is duly entitled. The Nara Bros., both actively engaged in the management of this splendid business have devoted their entire energies in the upbuilding of their fine institution. It is seldom seen in a community of this size a store so full of up to date ideas. Everything can be secured here and what more, they have jealously guarded their reputation so that the public can feel certain that the standard maintained here is un-qualified. In connection they have an up to date butcher-shop where the 1st principles of sanitary conditions have been carefully observed. Nara Bros. are entitled to the confidence of the people, because of the earnest and sincere efforts to treat everybody right. Four wagons are in constant service to fill orders and make prompt deliveries.

John Kerma

Dealers in —
GENERAL MERCHANDISE.

Dry Goods, Groceries, Etc. Highest Market Price for Farm Produce.

John Kerma, Mass, Mich.

A great deal of credit should be given Miss Helen Kerns who is the manager of this thriving business. She has not only devoted her best efforts towards the success of this business, but also has enlisted the services of her 2 younger brothers. Ages respectively 14 and 15 years. Her efforts have been rewarded and proves that women occupy a position in the business world equal to man. Her judgement is keen and clear in her selection of merchandise. She has taken advantage of womanly intuition, knowing just what is right at the right time. The merchandise handled at the Kerma store is of the best standard.

Mass Co-Operative Company.

Dealers in —
FARM IMPLEMENTS AND GENERAL MERCHANDISE.
Buy, Sell and Exchange Farm Produce.

The Co-operative Store of Mass.

Co-operation today is the key note to success. This store organized about 2 1/2 years ago. Has made a wonderful success. Under the management of Jacob Vainionena who has successfully directed the destinies of this organization about 125 people share in the spirit of co-operation here and from the showing made so far this business undoubtedly has a wonderful future. Farm implements and general merchandise are the commodities handled here and there never was any question as to the splendid character of the goods sold here.

Lawrence J. Maloney & Co.

Dealers in —
DRY GOODS, NOTIONS,
BOOTS AND SHOES.

Lawrence J. Maloney

is among the men who rank foremost in Mass. 20 years ago he came from lower Michigan and in 1906 found the Lawrence J. Maloney & Co's store. The business prospered and to-day it is one of the finest stores in Mass.

The Lawrence J. Maloney & Co. carries a full line of Dry Goods, Notions, Boots and Shoes. Mr. Maloney and partner Mr. Nelson Conlin are men of sterling worth and through their honorable methods of doing business hold the respect and liking of the community. Mr. Maloney was Town Clerk for 2 years and Supervisor for 2 years.

A. E. Ives & Son.

LIVERY, FEED AND SALES STABLE.

Special attention given to traveling men.

A. E. Ives & Son, Mass.

R. A. Ives who is in charge of the business of A. E. Ives and Son at Mass, has developed a fine business catering to the public at all times. His splendid service has become almost an absolute necessity in this surrounding vicinity. Auto hire can be secured here at very reasonable prices at any time day or night. His connection maintains a dry line which is always at the public service. The business is now 12 years old and will continue to prosper under A. A. Ives able management to the fact that he is a live hustler and always on the job.

Notice.

Suits and Overcoats made to measure \$24.00 and up.

I will make suits and overcoats for the low price mentioned above, and guarantee perfect satisfaction on fit and workmanship.

Repairing Prices: Pressing, suit 75c. French Dry Cleaning \$1.00 and up. Washing \$2.00. All small repairs done for such low prices it is not worth mentioning.

GUST, HAKOLA, Tailor.

P. O. Box 23, Mass, Michigan.

A Thriving Tailor.

Seven years ago Gust Hakola left Finland for America and firstly located at Calumet, working there for 3 years at his trade to learn the American up to date cutting, then came to Mass and opened a first class shop, that is located on Main street.

Gust says he can satisfy them all and guarantee his work with any Easter, tailor so give him a trial.

Mueller & Stannard

Dealers in —
GENERAL MERCHANDISE.

Mueller & Stannard.

Rockland should surely take a great deal of pride in the store of Mueller and Stannard. Through persistent hard work and conscientious effort they have developed a splendid business born in 1892 and from a mere fragment it struggled along until 1897 when it erected a building where they are now located, which is one of the standard of its kind. A glowing tribute should be given the men heading this business. They have shown the proper spirit of progressiveness, so give them your support. In connection with Mr. G. W. Stannards interest in the store he is manager of Ontonagon Telephone Co, which has maintained such fine service to the people here-about.

E. J. Perron

FARM MACHINES & IMPLEMENTS

Milwaukee Hay, Grain and Corn Machines

Tillage Implements, Corn Cultivators, Planters, Shellers, Knife Grinders, Twine, Motor Trucks, Feed Grinders, Thrashers, Drills, Cream Separators, Oil & Gas Engines, Oil Tractors, Manure Spreaders, Ensilage Cutters, Farm Wagons, Trucks & Sagineau Silos.

E. J. Perron.

Consistent work and fair treatment has shown conclusively that E. J. Perron is a man of real ideas. Coming here in 1909 after being in business for 11 years in Rockland, starting there in a small way, he has gradually build up a splendid business. Ontonagon is the field where he saw fine possibilities and through his foresightness and keen judgement his efforts were well repaid.

Mr. Perron has been progressive. He not only has pleased those who dealt with him, but he maintains a standard that is worthy of the peoples confidence.

ONTONAGON COUNTY

Ontonagon is a county which not only has been prominent since the advent of white men here, but also was a place of prominence before that time. In prehistoric times, in periods so remote from the present that men cannot with any degree of accuracy calculate during what century of Christian era or in what century of ancient race, who were here before the Indians and perhaps before the Mound Builders, worked many of the copper deposits in Ontonagon, and judging by the relics they have left, this race is known to have been made of no doubted resources and ingenuity. In the historical outline we advert to the evidence of work in copper mining left by this prehistoric race. Near the old Minnesota mine several of the pits of the ancient miners were discovered in 1847. In one was found a "cylinder made of copper, raised on axle, on top of which grew a hemlock tree having ninety-four rings of annual growth." This is but one proof out of many which exist here, of the work of these miners of a race that has long since disappeared from this region.

The first man who conducted any explorations of account in this county was Samuel E. Hill, who in 1836 took much time about the Ontonagon river exploring the different copper deposits there. He was also the first to conduct the geological surveys made in this county under the direction of Doctor Douglas. Two years later James K. Paul made a preliminary examination of the copper deposits in Ontonagon and built a log cabin there. This cabin was later used as a store by Mr. Paul and was used for a long business in the little store, for the locality was the seat of one of the early mining booms and was called here here before and shortly after 1836.

In 1844 the government established a mineral survey of the area. Major Campbell, who was in charge, constructed for his office a building sixteen feet by twenty feet. In the following year the first practical copper mining was done at what is now called the Ontonagon mine, but which was later known as the Minnesota mine. This mine has been fully famous for the immense masses of virgin copper which have since been discovered. The largest mass was found in 1854 and it measured 12 feet 6 inches by 18 feet 6 inches by 46 inches. It weighed 527 short tons and the services of 26 men were required to lift it 15 months in cutting it into pieces small enough for hoisting. The Minnesota mine was operated continuously from 1847 to 1876, and during that time it produced 3,792,468 pounds of fine copper valued at \$2,970,000 in dividends. The Minnesota property was taken over by the Ontario Mining Company, which was organized in 1876. This company, which has a location comprising 17,000 acres, also has possession of two other old mines, namely the Rockland and the Superior. The Michigan district has over ten miles of underground workings and the usual number of men employed here is over 400. It produces annually from 2,800,000 to 3,000,000 pounds of copper, which is noted for its high electrical conductivity, surpassing in this respect all other varieties of copper mined in the Lake Superior district.

The principal workings of the Michigan mines are carried on in the vicinity of Rockland, which is a mining town of about 1,000 people. It is located twelve miles back from Lake Superior, on the summit of several lofty hills. The magnificent view which is obtained from Rockland of the distant lake and the upper Peninsula of Ontario which is located on the shores of the lake, is certainly sufficient reward to induce the tourist to tarry in this pretty little village of the hills. Although much copper was done during the early days of Ontario county and several mines were incorporated, the largest was the Ontario mine at nearly all of the mines were suspended at a later day. Today nearly all the active mines in Ontario date in organization since 1893. Present among these mines are the Mass, Victoria, Adventure, Lake Superior, and the White Pine. The Mass Consolidated Mining Company was organized in 1889 and its property embraces the old Ridge, Mass and Ogema mines and the old prospects known as Merriam, Mass and Hazard. All these properties were worked to considerable extent during the early days of the county. The Ridge being opened in 1835, the Mass in 1836 and the Ogema in 1840. The Mass location of today is the seat of a little mining village of importance, Mass City, which is the terminus of the Mineral Range railroad, Milwaukee & St. Paul line.

The Victoria Copper Mining Company was also organized in 1889, and its location, which comprises 2,335 acres, is just west of the Ontonagon river at a point sixteen miles south of the mouth. This property was opened in 1845, as the Cushman location, and at that time much was expected of it because of the immense masses of copper found in several old prehistoric pits here. The name of the mine was changed to the Forest mine in 1860, following its opening, and finally in 1885 the mine was reorganized as the Victoria Mining Company. One misfortune after another befell this mine until when less than 5,000 pounds of copper had been produced, a mass of 110,000 lb. had been lost in the mine. The first attempt was made to work this mine as a "float" mine, but was abandoned by a forest fire. From 1852 until 1859 the mine was worked only sporadically, but since the latter date several very promising openings have been worked. Since its incorporation in 1889 the company has developed a water power from Glen Falls on the Ontonagon river, which has been pronounced to be the best natural water power in the copper region. The hydraulic-pneumatic power plant, which was completed here in May, 1914, is the most powerful shaft-driven compressor in the world. Everything about the mine in modern methods. Ideas regarding construction and a great future is expected for the mine. Its location is built the village of Victoria, a typical mining town of Ontario country.

ance of maple, birch, basswood, ash, elm, and hemlock; with a sprinkling of immense white pine trees and other valuable timber. There are, however, less abundant. The present annual output of logs is manufactured two hundred and thirty thousand cords. A considerable part of this timber is moved into lumber by railroads of the county, and a small army of men is constantly at work turning these forests into lumber. The main products of the county are for tanning leather, hoops, pulpwood, cordwood, ties and many other valuable commodities. At present Ontario needs industries to use up its forest products at home. There are now many inviting fields, for the fine harbor at Ontonagon, together with its levee, railroads, wharves, and ample transportation facilities both by water and rail. Forestry as Ontonagon is in having such vast forests, it needs the less can boast of other resources as well. The timber lands in the valley of the Ontonagon river have been known and used for glazing pottery and annealing brick. There are great deposits of clay here that can be used in the manufacture of many different kinds of pots and pipes and have been demonstrated to be of great value for the most varied of bricks.

**Jon. K. Paul,
The founder of Ontonagon.**

The Adventure mine, which is located at Greenland includes the old Adventure and Elliot tracks and the one known as the Ontario mine. It was discovered in 1856, the known in 1855 and the Ontario mine in 1855 and the Hill or Ohio mine in 1855. The mine was discovered in 1848, the Ontario mine was discovered in 1848, the Hill or Ohio mine in 1848. The mine was discovered in 1848, the Ontario mine was discovered in 1848, the Hill or Ohio mine in 1848. The mine was discovered in 1848, the Ontario mine was discovered in 1848, the Hill or Ohio mine in 1848.

good soil, roads and schools, combined with opportunities to work at good wages in agriculture. While this is a true country from the white collar, of the farmer, nevertheless it is in no way a wilderness. The modern villages are scattered all over the county, connected up by railroads running in all directions, the outside world is easily reached and it will be many years before the farmers will be able to feed the miners of this district alone. Chicago, Milwaukee, Minneapolis and St. Paul are only a night's ride away and the train service of these cities is excellent.

The western side of the county contains the Porcupine Mountains, and this district offers a wonderful opportunity for hunting and fishing. It is ideal for summer resorts—game and fish abound. The entire country is one great natural summer resort, with Lake Superior on the north, and many small lakes scattered through the western hills and countless trout streams in every direction.

Clover grows in rank abundance and alfalfa is done remarkably well. Both bear abundant crops of seed. The other agraria yield immense crops. The great crops here are wheat and spring wheat, oats, hay, corn, and clover. The soil is very fertile, especially in the north and east. The climate is very favorable for the present time and the future has been known and used for glazing pottery and annealing brick. There are great deposits of clay here that can be used in the manufacture of many different kinds of pots and pipes and have been demonstrated to be of great value for the most varied of bricks.

Ontonagon has many miles of fine roads, including about twenty miles of main roads. Tourism finds difficulty in coming by automobile from the south and west into Ontonagon county. Taken all in all, Ontonagon is a county which should receive the careful consideration of the prospective farmer. It is a county where agriculture is the main pursuit and the climate is ideal for the farmer. The soil is very fertile, especially in the north and east. The climate is very favorable for the present time and the future has been known and used for glazing pottery and annealing brick.

Ontonagon Harbor, in 1850.

GREENEY, MICHIGAN.

The little village of Green, seven miles west of Ontonagon on the shores of Lake Superior, has grown entirely during the past twelve years. It was started in 1901 when Mr. Green commenced logging for the C. V. McMillan Company, where there has since been developed, he conceived the idea that this section of the Country is a good farming district and proceeded to demonstrate his idea by a single year's experiment. He offered for sale and seven Finnish families settled there. The majority of these families are still there, having their second and larger homes. Pine bars and shos are now in evidence. Experiments were made, especially on Hemlock Hill Farm, to demonstrate what the soil was adapted for and after an exhaustive study, it was shown that practically all seven farms crops, usually grown in the Northern States, did well. One year there were practically all green farms crops, usually grown in the Northern States, did well. One year there were practically all green farms crops, usually grown in the Northern States, did well.

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The Michigan farm near here from forty acres has produced for the past year a bumper crop of 150 tons of fine timothy hay. The crop to the acre was 110.00 tons here. There are on the Cash farm produced \$70 per acre. In 1912 it produced a net profit of \$250 on an acre over all expenses.

STATION	Average date	Average date	Highest	Mean	Lowest
Ironstone, Mich.	Oct 7	Sept 22	100	60	27
Ann Arbor, Mich.	Oct 7	Sept 22	100	60	27
Grand Rapids, Mich.	Oct 7	Sept 22	100	60	27
Port Huron, Mich.	Oct 7	Sept 22	100	60	27
St. Ignace, Mich.	Oct 7	Sept 22	100	60	27
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County Farm Silo.

Total 493 bushels all told, or 239 bushels to the acre.
(Signed) Jonas Kotila.

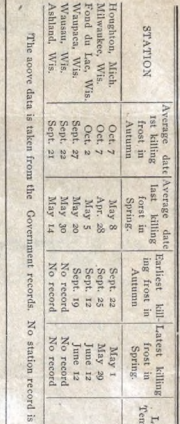
State of Michigan.
Subscribed and sworn to before me, a Notary Public in and for Ontario County, this 15th day of October, 1912.
J. J. Toussaint.

State of Michigan.
Anthony Brettenbach, being duly sworn, deposes and says that in the month of April, 1912, a scrub Durburn belonging to him, had a calf, sired by Sir Pontius Marquess Hempstead No. 84814 H. P. H. B., the registered Holstein bull belonging to the Ontonagon Cattle Club, which was killed in January, 1914, and one half of this animal without the head or hide weighed one hundred and twenty-five pounds net when sold. This calf was fed with alfalfa from the separator until about the first of November, making a total of 224.00, or 14.80 per head for the year. The calf also had access to plants of good quality and was fed with alfalfa, silage, and clover hay and was given a total of 124.00, or 8.00 per head for the year. The calf was sold on the 7th day of April, 1914.

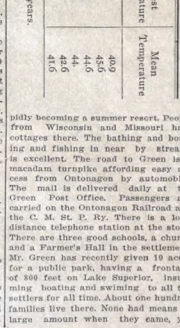
Alfalfa Field near Green, Mich.

State of Michigan.
W. A. Jamison, being duly sworn, deposes and says that in the year 1912, he planted five acres of Green Canada Field Peas on his farm situated about five miles south of Ontonagon village. In the fall of 1912, after feeding what was estimated to be twenty-five bushels of Peas to the pigs and chickens, unthreshed, he threshed from the remainder, one hundred and thirty-five bushels of seedable Peas, largely of good quality, and had a very large amount of Peas hay to feed to cattle and sheep. The average price received for these Peas was \$2.10 per bushel, making a total of \$224.00, or 14.80 per acre for the year. The Peas hay and Peas feed estimated to be worth \$19.00, making a total value received from the aforesaid five acres of \$243.00, or 48.60 per acre. The average price received for these Peas was \$2.10 per bushel, making a total of \$224.00, or 14.80 per acre for the year. The Peas hay and Peas feed estimated to be worth \$19.00, making a total value received from the aforesaid five acres of \$243.00, or 48.60 per acre.

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The above data is taken from the Government records. No other record is for less than ten years.



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One of Ontario County Farm.