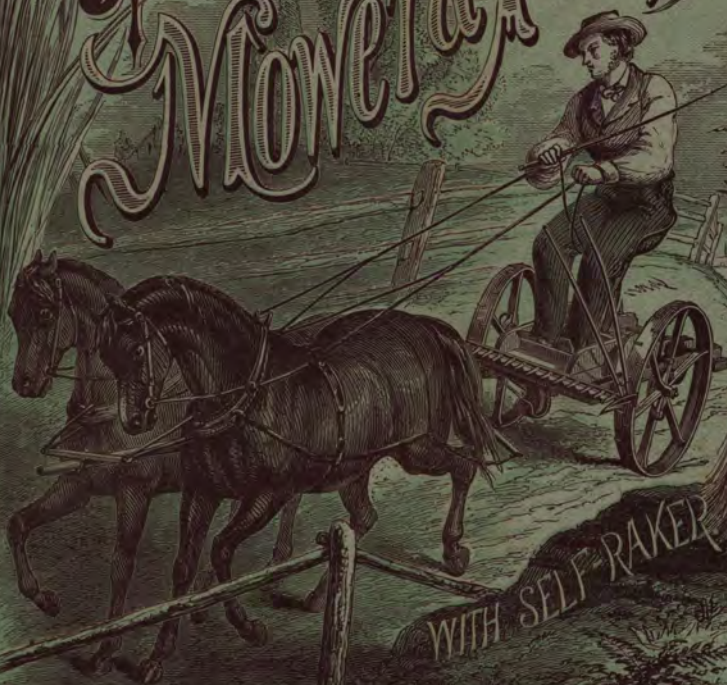


Buckeye Mower & Reaper,



WITH SELF-RAKER

MANUFACTURED BY

ADRIANCE PLATT & CO.

Warehouse

POUGHKEEPSIE N.Y.

N.º 165 Greenwich St. New York.

A. A. JUSTIN,

Black Rock, N. Y.



THE **BUCKEYE** MOWER AND REAPER,

No. 165 Greenwich Street.

New York, March 1st, 1874.

The Verdict of the Farmers.

Seventeen years have passed since the **Buckeye Machine** was first put in the field, during which time **hundreds of thousands of farmers**, after the most thorough tests and comparisons, have given their verdict in its favor, pronouncing it

The most Perfect, the most Reliable, and the most Durable.

The Secret of Success.

Believing that the best way to secure the patronage and support of the farmers was to **deserve it**, we have ever used our best efforts to produce a machine of such **exceptional excellence** as to **command their approval**, and the **ever increasing success** which has attended us in the past is the strongest incentive to renewed exertion, that we may **maintain the Buckeye in the high position which it has won.**

Record of the Buckeye in Europe.

The large sale of the Buckeye at home has so taxed our manufacturing resources, that no efforts were made to secure a foreign trade.

A few of our machines having, however, been sent to Europe by parties who knew of their high reputation, their operation in the field was so much superior to anything that had been previously seen, that a demand for them at once sprung up, and their fame spread so rapidly that we were unable to fill the orders that poured in upon us.

The foreign **Field Trials** in which the Buckeye took part during the season of 1873, were those held in Prussia, Holland, Austria, Hungary, Norway and Sweden. The best known American and foreign built machines competed at these trials, where the **Buckeye again proved its superiority** and **received the highest awards.**

Increased Manufacturing Facilities.

In order to meet the greatly increased demand, we have again made very extensive additions to our works, which we **have kept running at their full capacity during the winter.** The machines we are now building combine all of those features which have given the **Buckeye** its great reputation, together with the many improvements which our seventeen years of constant experiment and study have enabled us to add.

Early Orders.

We earnestly request our farming friends to favor us with **early orders**, as by so doing they will avoid the risk of delays and disappointments, which are unavoidable in the **height of the season**, in which the business of a year has to be condensed into a few weeks.



NEW MODEL MOWER.

The Peculiar Features

Originally introduced in the **Buckeye Machine** are now universally recognized as essential points of an efficient Harvester, and the only Machines of any standing or reputation, at the present time, are those which have secured the right to use more or less of the Buckeye Patents. The many advantages of the **Buckeye** are now so well known that we shall here only briefly enumerate a few of its **leading points of excellence**.

Two Driving Wheels support the **whole weight** of the **Frame, Gearing, and Driver**, and thus all the weight is used directly to give motion to the knives. As these wheels operate **together or independently**, short turns can be made to the **right or left**, without **clogging or stopping the knives**.

The **Driving Wheels** have **no cogs on them**, and **no cog-wheel fitted close against them**, but the gears are all arranged at such a height from the ground as to avoid all danger of being clogged by mud or sand.

Pawls and Ratchets are used to drive the gearing, and in backing, the knives cease to vibrate. The pawls are held either in or out of gear by a spring, and when out of gear, the wheels turn independently on the axle, and none of the gearing is moved.

The Double-Jointed Cutter-Bar adapts itself to all varieties of surface, entirely independent of the frame, mowing as closely and evenly over knolls and ridges, or through hollows, dead furrows, and ditches, as on the most level ground.

The Cutter-Bar folds over on top of the Frame, and the operation of folding and unfolding is so simple that it can be done by a boy in less than one minute. **The Buckeye is the only Machine in which the cutting apparatus can be laid firmly and securely over and on to the Machine**, which the farmer must readily see has great advantages over merely tilting the bar against one side or corner.

The Driver's Seat is behind the Cutters, enabling the driver at all times to have a full view of the operation of the Knives without interfering with his management of the team; and if at any time he should be thrown from his seat, the danger of falling in front of the knives is entirely avoided.

The Guard-Fingers are attached to the bar by a single bolt. By the use of malleable iron, we obtain what experience has demonstrated to be the best form of finger, and by fitting a plate of steel for the knife to cut against, we combine a perfect shear-cut with the greatest possible strength.

The Point of connection between the Pitman and Scythe is well known to be the most sensitive part of a Mowing Machine, and the place where breakages are most liable to occur. On the "**Buckeye**" Machine, the low point at which the Connecting Rod enters the Scythe, renders the draft almost entirely direct. The Connecting Rod and Scythe-head fit in a groove on the inside shoe, and no spring keys, nuts, or other unreliable devices are used. The breakage of either a Connecting Rod or a Scythe is almost unknown in the Buckeye as we have built it for several years past.

A Leading Wheel is attached to the inner shoe, which entirely prevents the loose grass, over which it must frequently pass, from being pushed along and clogging the machine. It also prevents the points of the Guard-Fingers catching in the ground while passing through hollows and ridges.

The Outer Shoe is of malleable iron, fitted with a steel plate for the knife to cut against, and with a steel runner. It is very light and strong, and being no wider than the Guard-Finger, leaves no combing at the end of the swath.

The Height of Cut is regulated by means of the adjustable spring on outer shoe and adjustable wheel on inner shoe, so that both ends of the bar can be raised or lowered to cut any required height of stubble.

The Cutting apparatus is always level with the ground when moving, securing a perfectly square cut and the most even, uniform work in lodged clover.



CUTTERS RAISED TO PASS OVER A STUMP.

To pass Obstructions, a lever is attached to the finger-bar and main frame, by which the driver can, with one hand, while on his seat, **raise both ends of the finger-bar** from the ground to the height of eighteen inches.

A Ratchet is connected with this lever, which sustains the finger-bar at any required height while the machine is moving, serving an excellent purpose for passing over cut grass and turning at the corners.

To throw in or out of Gear, a lever is placed at the side of the driver, by which he can instantly stop or start the gearing.

Side-Draught and Weight on the Horses' Necks are entirely obviated in the **Buckeye** by the perfect manner in which the machine is balanced.

The Draught of the Buckeye is reduced to the lowest point ever attained. It is not the lightest machine in weight alone that runs the lightest for the team, but that which has the weight properly balanced on the ground or driving-wheels, the gearing most firmly secured, so that there can be no cramping of the frame, and has its cutting apparatus best adapted to the work. The draught of the **Buckeye** is lighter than **ordinary plowing**, being only from one hundred and twenty-five to two hundred and twenty-five pounds, as **fairly demonstrated by numerous dynamometer tests**.

The "Buckeye" Mower.

The perfection of the "BUCKEYE" as a Mower is universally acknowledged, its practical operation in the farmer's hands having established its **SUPERIORITY OVER ALL COMPETITORS** in **lightness of draught, ease of management, simplicity, portability, safety, adaptation to every variety of surface or crop, strength and durability.**

The New Model Mower.

This Machine we introduced in 1871, and its success has been unbounded. It has a Tubular Iron Frame of great strength and simplicity, which is cast in one piece, and dispenses almost entirely with bolts. **WE RETAIN IN IT ALL OF THE ORIGINAL BUCKEYE FEATURES** of gearing, bracing, leading-wheel, double-jointed coupling, and folding bar. The gearing is very compact, thoroughly protected, and very accessible. It has a light cutting apparatus, and a three-inch knife-section. The bearings are long, perfectly fitted, and lined with babbet metal. For beauty of model and simplicity of construction it is unapproached by any machine of this class.

The New Model Mower is made in two sizes.

Size B cuts a swath of 4 feet. Size A cuts a swath of 4 feet 6 inches.

The No. 3, or One-Horse Mower,

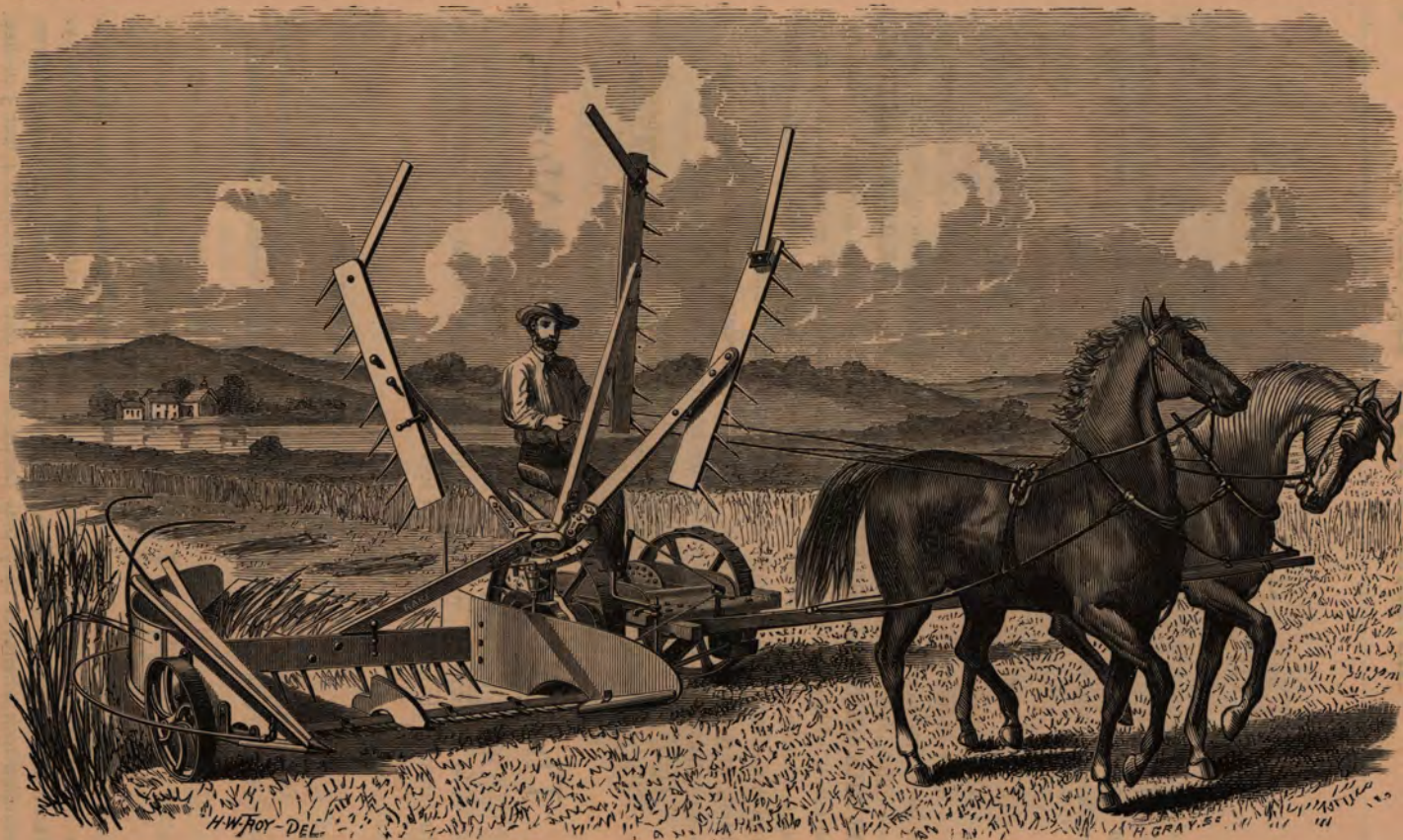
Is built throughout from patterns made expressly for this size machine, and is the most symmetrical and **lightest draught** one-horse mower ever offered to the farmer. It cuts a swath of 3 feet 6 inches.

The No. 2 Mower.

We continue to build this machine, which has for so many years enjoyed the confidence of the farming community. It cuts a swath of 4 feet 1 inch.

The Harvester Mower.

The **Harvester** continues to be our **Standard Machine**. As a Mower, it is acknowledged to surpass all others in capacity, strength, and durability. Farmers purchasing a Harvester Mower can have the Self-Rake Reaper attached to it whenever they may desire it. It cuts a swath of 4 feet 5 inches in mowing.



BUCKEYE SELF-RAKING REAPER.

The Buckeye Self-Raker.

[SEE ENGRAVING ON OPPOSITE PAGE.]

This machine has taken the precedence over all other Reaping Machines wherever it has been introduced in America or Europe, and is now recognized as the **only Self-Raker which will give entire satisfaction to the farmer, under all circumstances.**

The Self-Rake Attachment is very light, simple, and compact. It does not interfere in the slightest degree with the simplicity of the Machine as a Mower, and is very readily and easily attached and detached.

The arms, which are operated by a very simple mechanism, answer the double purpose of reel and rake. They possess a decided advantage over the old style of reel, as they require no special adjustment for grain of different heights, but perform the work of bringing the grain on the platform equally well, whether it be tall or short.

The front of the platform can be instantly depressed by the driver, to pick up lodged grain.

The Cutting Apparatus of the Self-Rake Reaper **is made expressly for it**, and is separate and distinct from that used on the Mower. The Guard-Fingers are of malleable iron, fitted with a steel plate for the knife to cut against, and are attached level with the **under side** of the bar, allowing the Machine to cut very close, if desired. A smooth or sickle-edged Knife, as preferred, can be used in the same Guard-Fingers.

The Raking Machinery is at all times under the control of the driver, who rides on the machine, in rear of the Cutting Apparatus.

Gavels of uniform size can be secured in the most uneven grain ; the driver, by a slight movement of his foot, causing the arms to act as reel arms or rakes at will.

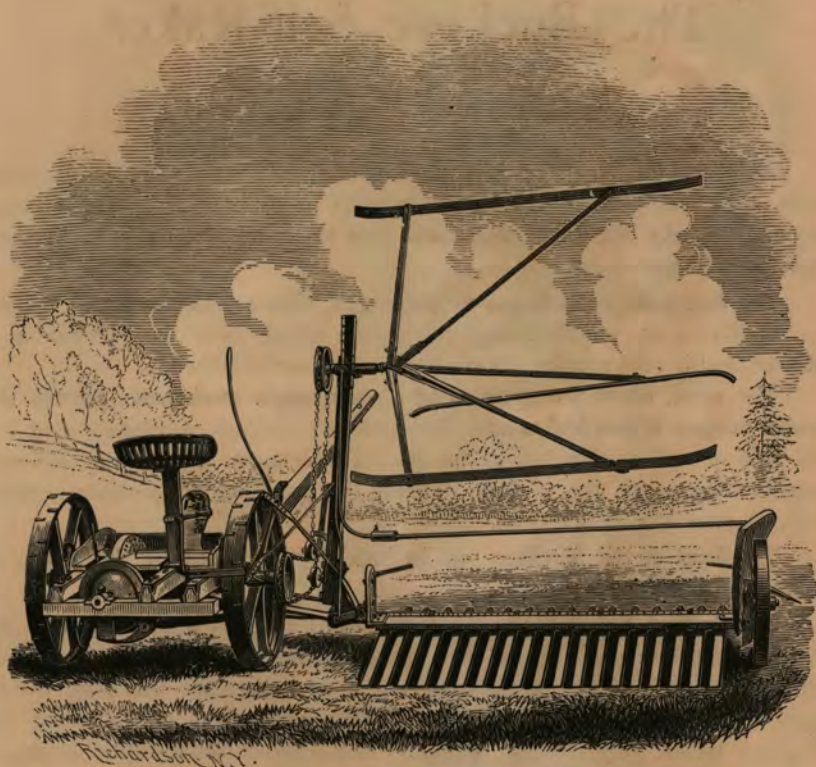
The arms can be so adjusted that a gavel will be delivered at a uniform distance, and the driver can always prevent the dropping of a gavel at a corner.

The grain is delivered at the back of the Machine, entirely out of the way of the team on the next round, in good-shaped gavels for binding.

The Platform is readily adjusted to any required height of cut.

The lateral brace at the rear of the Machine is of great advantage in steadying and supporting the Platform, and **can be obtained only in a Machine which has the Cutter-Bar in front of the Driving-Wheels.**

The Outer Wheel of the Platform is almost in a direct line with the Driving-Wheels, so that there is no cramping or straining in turning corners.



THE BUCKEYE DROPPER.

The Buckeye Dropper.

Farmers who prefer this style of delivering the grain will find the Dropper in its simplest and most perfect form on the Buckeye machine.

In building the Dropper, we have done away with all complications that have no practical utility, and offer to the farmer a Machine unequaled in simplicity and efficiency.

A light platform, made of slats, is hinged to the rear of the cutter-bar, from which the driver delivers a gavel when sufficient grain has accumulated on the platform.

While the slats are dropped to deliver a gavel, the fresh falling grain is sustained by a rod, which moves away as the slats resume their level position to receive the grain.

The high standard of excellence in material and workmanship which has always distinguished our Machines will be maintained in the Dropper.



Chapman & Co.

Richmond, Va.

BUCKEYE MOWER ON THE ROAD.

THE HIGHEST HONORS AT VIENNA.

THE "BUCKEYE"

Again Triumphant.

The **Buckeye Machines**, which have won so many honors at home, were sent to **Vienna** to compete, for the first time, at a **World's Fair**, where they were again successful in distancing all competitors, and were awarded

Two First Premium Grand Medals for Merit,

As announced on pages 27 and 29 of the "**Official List of Exhibitors who received the Prizes by the Authority of the International Jury.**"

Only **one** other Medal of this class appears in the official list as awarded to any American Mower or Reaper, the Buckeye being the **only Harvesting Machine** honored with the **exclusive distinction** of

TWO MEDALS.

All American manufacturers of Mowers and Reapers, who competed at Vienna, were informed of the nature and classification of the Premiums offered, by the **Official Circular** of "**General Regulations for the Foreign Exhibitors and Commissions,**" issued from the Government Printing Office, Washington.

We quote from page 28 of this **Official Circular**, under the heading "**Award of Prizes,**" the definition there given of the **only Premiums that were awarded to Harvesting Machines.**

"For the **objects exhibited** the Prizes will be as follows:"

"**Exhibitors in former universal exhibitions** will receive for the Progress Made since the last Exhibition, **A Medal for Progress.**"

"**Exhibitors for the first time taking part in a Universal Exhibition** will receive as **reward** for the **merit they have shown** in a National, Economical or Technical point of view, **THE Medal for Merit.**"

In addition to the Premiums for objects exhibited, the Official Circular states on page 28, that

“The merits of **individuals** or **corporations** who have promoted the development of Industry or the National Economy, or have specially promoted the Intellectual, Moral and Material welfare of the working classes, shall be rewarded by special **Diplomas of Honor.**”

This award was not given to any **Manufacturing Company** or **Corporation** who are builders of **Mowers** or **Reapers**, but it was given to **several individuals**, among whom was **Mr. Corliss**, the inventor of improvements on the Steam Engine, who was not an exhibitor at the exposition, conclusively proving that it was **not given for objects exhibited.**

The manufacturers of the **Buckeye** Machine ask no other endorsement of their “merits as individuals” than that given by the **many thousand American Farmers** who have favored them with their confidence and patronage, but believe that their many farming friends will be gratified to know that the

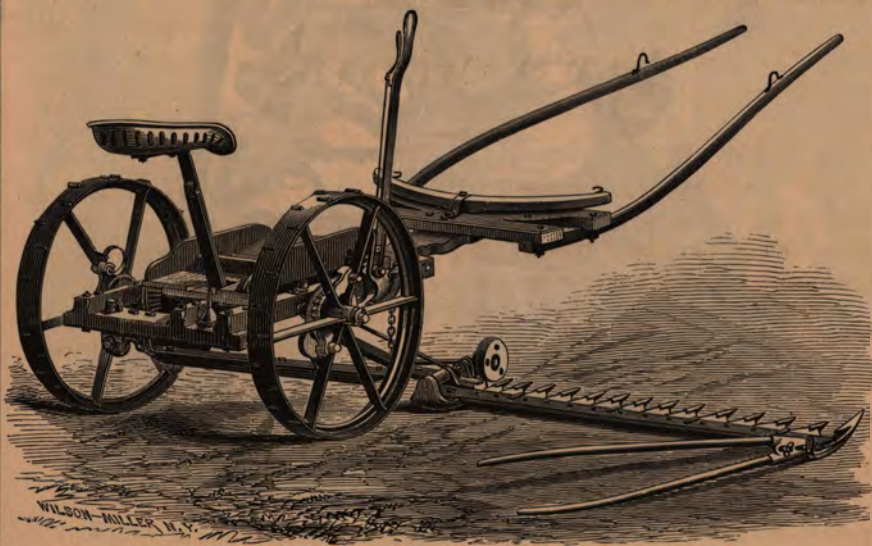
Merits of the BUCKEYE Machine

HAVE WON FOR IT

A HIGHER DISTINCTION

THAN THAT CONFERRED ON ANY OTHER MOWER
OR REAPER AT THE

Great Vienna World's Fair.



ONE-HORSE BUCKEYE.



MOWING ON ROUGH GROUND.

FIELD TRIALS IN EUROPE.

At the Great FIELD TRIALS of 1873, held in PRUSSIA, HOLLAND, HUNGARY, NORWAY and SWEDEN, the BUCKEYE Machines won the FIRST PREMIUM, in competition with the best-known American and English Machines.

At OREBRO, SWEDEN.

The **First Prize** as **Best Mower**, in competition with the Samuelson, Bramlette and Wood.

At AMSTERDAM, HOLLAND.

The **First Prize** as **Best Mower**, in competition with the Wood, Samuelson, Hornsby, and Brigham.

At DRAMMEN, NORWAY.

The **First Prize** as **Best Mower**, in competition with the Hornsby.

At TAVARNOK, HUNGARY.

The **First Prize** as **Best Combined Reaper and Mower**. List of competing machines not yet received.

At LINKOPING, SWEDEN.

The **First Prize** as **Best Mower**, in competition with the Bramlette, Hornsby, and Bickerton.

At BRANDENBURG, PRUSSIA.

The **First Prize** as **Best Combined Reaper and Mower**, in competition with the Champion, Kirby, and Excelsior.

At BROMBERG, POSEN.

The **First Prize** as **Best Reaper**, in competition with the Johnston, Champion, Wood, Howard, Burgess & Keys, Burdick, and Samuelson.

At KOSTRYZN, POSEN.

The **First Prize** as **Best Reaper**, in competition with the Burdick, Hubbard, Howard, Wood, and Samuelson.

At GHRONDE, HANOVER.

The **First Prize** as **Best Reaper**, in competition with the Wood, Samuelson, Hornsby, and Burdick.



REAR VIEW OF SELF-RAKER.

Premiums at Home.

The **BUCKEYE Machine** has received the **Highest Awards** at the **most important Field Trials** held in the United States, including the **Great National Trials** of 1857, at **Syracuse, N. Y.**; 1866, at **Auburn, N. Y.**; and 1870, at **Mansfield, O.** Among the **Agricultural Societies** that have awarded it their **Highest Honors**, are :

United States Agr. Soc.	Ohio State Agr. Soc.	Kentucky State Agr. Soc.
New York State “	Virginia “ “	Missouri “ “
New Jersey “ “	Maryland “ “	Louisiana “ “
Pennsylvania “ “	Indiana “ “	Iowa “ “
New England “	N. Carolina “ “	Texas “ “
Connecticut State “	Michigan “ “	Nebraska “ “
Vermont “ “	Tennessee “ “	

American Institute, New York. Mass. Char. Mech. Association, Boston.

And an immense number of County and Town Agricultural Associations.

Premiums in 1873.

The **BUCKEYE** competed at a few Fairs last Fall, and the following is a partial list of the Premiums received:

New Jersey State Agr. Society	.....	At WAVERLY	.....	Best Mower.
Inter. Industrial Exhibition	.....	BUFFALO, N. Y.	.....	" Combined.
Cen. New York Agricultural Soc'y	.....	UTICA, "	.....	" Mower.
Genesee County	"	"	.....	BATAVIA, " Combined.
St. Lawrence	"	"	.....	CANTON, " Mower.
"	"	"	.....	" " Combined.
Warren	"	"	.....	SANDY HILL, N. Y. " Mower.
Ulster	"	"	.....	KINGSTON, " " "
Suffolk	"	"	.....	RIVERHEAD, " " "
"	"	"	.....	" " Combined.
Queens	"	"	.....	MINEOLA, " " "
Oswegatchie,	"	"	.....	OGDENSBURG, " " Mower.
"	"	"	.....	" " Combined.
Montgomery	"	"	.....	FONDA, " " Mower.
Fulton	"	"	.....	JOHNSTOWN, " " Combined.
Orange	"	"	.....	MIDDLETOWN, " " Mower.
Schoharie	"	"	.....	SCHOHARIE, " " "
Rockland	"	"	.....	NEW CITY, " " Combined.
Tompkins	"	Ithaca Agr'l Society	.....	ITHACA, " " Reaper.
"	"	"	.....	" " Mower.
"	"	"	.....	" " Combined.
"	"	Trumansburg Ag'l Soc.	.....	" " "
Westchester County Agr'l Society	.....	WHITE PLAINS,	"	" " "
Schuyler	"	"	.....	WATKINS, " " "
Broome	"	"	.....	WHITNEYS PT., " " Mower.
Waterville Union	"	"	.....	ONEIDA CO., N. Y. " "
Moravia	"	"	.....	CAYUGA Co., " " Combined.
Upper Dauphin	"	"	.....	MILLERSBURG, PA. { Field Trial,
Berks County	"	"	.....	READING, " " Best Combined.
Northumberland Co.	"	"	.....	SUDBURY, " " Mower.
"	"	"		" " " "
Montour	"	"	.....	DANVILLE, " " Combined.
"	"	"	.....	" " Mower.
Cape May	"	"	.....	N. J. " Combined.
Burlington	"	"	.....	MT. HOLLY, N. J. " Mower.
"	"	"		" " " "
Warren	"	"	.....	BELVIDERE, " " Combined.
Berkshire	"	"	.....	PITTSFIELD, MASS. " Mower.
Worcester Co. N. Mass. Agr'l Soc'y	.....	FITCHBURG,	"	" " "

BUCKEYE MOWER & REAPER.

Prices Reduced for Season of 1874.

Net Cash Prices for Machines.

DELIVERED AT NEW YORK OR POUGHKEEPSIE.

MOWING MACHINES.

TUBULAR IRON FRAME.

Size B, New Model...	FOR TWO HORSES.....4 feet cut.....	\$100
Size A, New Model.....	FOR TWO HORSES.....4 feet 6 inch cut	110

WOOD FRAME.

No. 3.....	FOR ONE HORSE..... 3 feet 6 inch cut	\$90
No. 2.....	FOR TWO HORSES .....4 feet 1 inch cut	110
Harvester (to which Reaper can be attached) do	...4 feet 5 inch cut	125

COMBINED MOWERS AND REAPERS.

Harvester, Self-Rake Combined..	{ 5 feet 6 inch cut, in Reaping } 4 feet 5 inch cut, in Mowing }	\$200
Harvester, Dropper Combined..	{ 5 feet 6 inch cut, in Reaping } 4 feet 5 inch cut, in Mowing }	175

SELF-RAKE REAPER.

Harvester Self-Rake Reaper.	{ WITHOUT MOWING } ATTACHMENT, } 5 feet 6 inch cut..	\$160
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ATTACHMENTS.

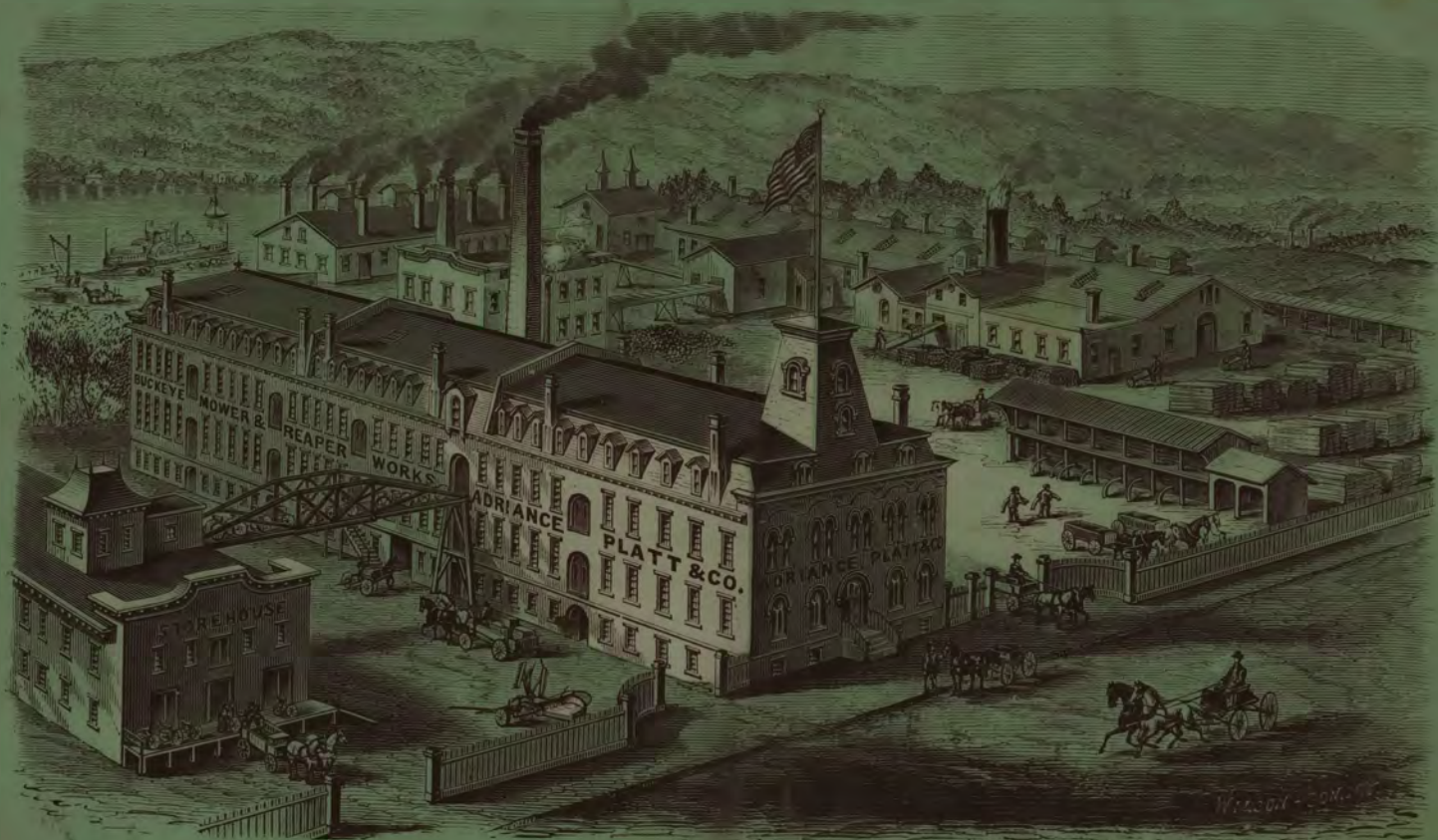
Harvester Self-Rake Reaping Attachment....	5 feet 6 inch cut.....	\$80
Harvester Dropper " "	5 feet 6 inch cut.....	55
Harvester Mowing Attachment.....	4 feet 5 inch cut.....	40

Each Mower is furnished with Two Complete Scythes, Two Extra Knife Sections, Two Extra Guard-Fingers, Rivets, Bolts, &c.

Each Harvester Reaper is furnished with One Complete Scythe (or Sickle, if preferred), Two Extra Knife Sections, and Two Extra Guard-Fingers, Rivets, Bolts, &c.

Screw Wrench, Punch, Cold Chisel, Oil Can, together with Whiffletrees and Neck Yoke, furnished with each machine.





MANUFACTORY AT POUGHKEEPSIE.