

WILBER'S EUREKA MOWER,

← **DIRECT DRAFT.** →

The Largest, Cheapest, Lightest Draft, and the Best
Mower in the World.

1880.



1880.

MANUFACTURED BY THE

EUREKA MOWER CO.,

TOWANDA, PA.

← **OFFICERS.** →

E. T. FOX, President.

N. N. BETTS, Treasurer.

J. W. MIX, Secretary.

← **DIRECTORS.** →

JOS. POWELL,

J. W. MIX,

R. F. WALSH,

W. T. DAVIES,

N. N. BETTS,

E. T. FOX.

Gies & Co., Litho., Engravers & Printers, Buffalo, N. Y.

OFFICE EUREKA MOWER COMPANY,

TOWANDA, BRADFORD CO., PA., January 1, 1880.

In greeting faces, old and new, in 1880, we come with confidence, thanking once more those earnest, faithful friends who in the infancy of the "Eureka," saw what was to come out of the practical principles and superior advantages, even then felt, but not fully realized. To-day, the "Eureka" is established; a successful business career inaugurated. THE DIRECT DRAFT MOWER in many thousand hands, has lived down and *out* the most adverse and prejudiced criticism. It has successfully demonstrated its superiority over all competitors, and is at this date recognized and known as *the best mower in the world*. The cost of material has advanced fully 33 $\frac{1}{3}$ per cent. over prices in 1879. The price of manufactured goods will naturally advance. We promise our patrons that, while we shall endeavor to give the best material and workmanship, and, as heretofore, fully warrant our work, we shall advance prices as little as possible. We still advocate and maintain our claim, that the "Eureka Mower" is the best Mower and cheapest Mower in the market. Do not shrink from investigation. The farmer *ought* to know and readily point out the great difference between "direct draft" and "side draft," between "front cut" and "side cut," mowers. The superiority of the front-cut, direct-draft mower is apparent *at sight*. Ease of draft, quick cutting and leaving the cut grass *standing* light and loose, untrampled by the horses, *not* run over by machine, *cured* and *ready for the mow* in half the time required after side-cut mowers. Such is the standing plain record of the DIRECT DRAFT EUREKA MOWER. The Eureka is *the only machine in the market* that has such record. The practical farmer of 1880 will not be satisfied to *play at harvesting* with his BABY MACHINE. He will enquire for the EUREKA and TRY THE EUREKA, and *know for himself* the truth.

We cordially invite examination, investigation and criticism. We want every farmer who *expects to purchase* a mower this season, to first try the "DIRECT DRAFT EUREKA."

Correspondence solicited. Circulars mailed on application.

EUREKA MOWER CO.

Points of Superiority and Advantages Claimed for Wilber's Direct Draft Eureka Mower.

1st. **ABSOLUTE DIRECT DRAFT.**—A principle that all Mowing Machine inventors and manufacturers have been trying to arrive at for years, and which several claim to have achieved, notwithstanding the mechanical fact that the cutter-bar is located on one side.

Although to accomplish this we drive one horse in the standing grass, we are enable to cut the grass trampled, by using a long neck-yoke and whiffletrees, and placing the horses outside the cut—cutting against the lodge of the trampled grass on the return of the machine—always mowing on one side of the piece or lot.

2d. **REVERSIBILITY.**—Which gives the choice of the side to mow on, working the machine back and forth on side hills, cutting back and forth across lodged grass, cutting across dead furrows instead of mowing with them, always cutting long swaths—all features of great advantage in practical work.

3d. **EASE OF DRAFT.**—Admitting the use of a five feet or six feet cutter-bar without overworking the horses. By practical use we have fully demonstrated that a six feet bar is worked with less power than required on the average to work a cutter-bar four feet long on side-cut mowers.

4th. **RAPIDITY OF CURING.**—Caused by leaving the cut grass nearly standing; the most favorable position for the sun and air to have full effect upon *every part of it*. Nothing more is necessary for curing rapidly and evenly. The side-cut mowers are compelled to drive horses and mower over the cut grass, leaving it in a flat and compacted position, the top only being exposed to the air and sun, which is over cured, while the grass is still green under.

5th. **BETTER HAY.**

6th. **TEDDERS ARE USELESS,** and, in fact, an injury when used after the Eureka.

7th. **SUPERIOR CONFORMITY TO SURFACE.**—Obtained by the use of the new Floating Finger Bar.

8th. **SIMPLICITY OF CONSTRUCTION.**—Doing away with the bevel gear and other "complicated and expensive features" of the old side-cut principle.

The use of WILBER'S EUREKA MOWER enables the farmer to cut grass rapidly, and cure quickly and evenly. By rapid cutting the extra time gained for curing is of immense importance, coming as it does, in most cases, during the middle of the day when the sun is at the meridian. This, together with the very favorable position of the grass, ensures early gathering of the hay, often saving it from the afternoon showers.

By curing evenly a far better quality of hay is obtained.

On all the above named points we challenge a thorough, and exhaustive, practical examination and test in the field, by every farmer who intends to purchase a mower.

For further information, address:

EUREKA MOWER COMPANY.

DESCRIPTION OF MACHINE.

The wheels are large and set directly back of the ends of the cutter-bar, the cutter-bar is in front of the whole machine.

The cutter-bar is either five or six feet long; can be set to cut any required height; is attached to a floating frame, and readily adapts itself to the unevenness of the ground. Can be raised with perfect ease by the driver, and can be folded and fastened for transportation on the road, without the driver leaving his seat.

Nothing but spur gears are used throughout, thereby dispensing with bevel gears, and other complications of side-cut machines.

The Pitman works at right angles with the knife; consequently there is not the jar which is so unpleasant and objectionable in all machines where both are in the same line. It is always in the same relative position to the knife, and works equally well whatever the position of the cutter-bar.

It is easily thrown out of gear, by hand or foot. The horses are placed far apart, with a long neck-yoke and evener, and in use, the machine is driven like a side-hill plow or horse-rake, back and forth on the same side of the piece. One horse walks in the standing grass entirely beyond the cut, pressing it down in the opposite direction from which the next cut will be made. The other walks in the cleared track outside the standing grass.

EXTRAS—LIST No. 1.*Extra Parts for Wilber's Eureka Mower (Wood Frame), Built in 1875 to 1880.*

NO.			NO.		
26	Axle.....	\$ 3 00	32	Pitman Rod.....	\$ 75
56	" Cap, right.....	25	49	Pawl, right.....	05
57	" Cap, left.....	25	50	" left.....	05
68	" Washer.....	05	47	" Holder, right.....	50
30	Bar (Finger) Drilled.....	6 00	48	" left.....	50
31	" " complete.....	13 50		Pole, complete.....	4 00
	" " " with Shoes.....	21 00		Piston Barrel.....	20
13	Hook.....	10		Punch.....	10
58	Box Back.....	50	45	Ratchet Gear, right.....	75
62	" Right Crank.....	1 00	46	" left.....	75
63	" Left.....	1 25	75	Rods, Long Guide.....	20
	Bolt Shoe and Bar.....	10	76	" Short Guide.....	10
	" Guard.....	05	71	Rock Pin and Nut.....	1 00
	" Track Clearer.....	10	85	" Shaft.....	1 50
	" " Lead Wheel.....	10		Rivets, per pound.....	30
	" Banger Iron.....	10	22	Side Arm, right.....	1 00
20	Clutch.....	50	23	" left.....	1 25
11	" Fork.....	10	21	" " Socket.....	30
44	Crank Balance, complete.....	1 00	27	Shaft Back.....	3 00
70	" Pin and Nut.....	50	28	" Crank.....	1 50
	Cold Chisel.....	25	29	" " complete.....	3 00
	Doubletree.....	75	38	Shoe, right.....	2 25
	Evener Back.....	60	39	" left.....	3 00
	Draft Iron, right.....	20	64	" Cap.....	10
	" left.....	30	65	" Steel, right.....	15
	" Chain.....	25	65	" left.....	15
	" Rod.....	30	40	Shield.....	75
84	Guard Overlap.....	40	69	Shipper Rig, complete.....	75
16	Hoisting Stirrup and Chain.....	60	79	" Bottom.....	30
51	" Rig, complete.....	1 50	80	" Handle.....	30
52	" Lever Bed.....	75	81	" Pin.....	20
53	" Chain Wheel.....	50	72	Sections.....	12
54	" Pawl.....	20	41	Seat.....	1 00
55	" Spring.....	05	74	Seat Spring.....	2 00
	" Lever Handle.....	25		Sliding Hasp and Banger.....	1 00
33	Knife, Size "A".....	5 00		Tongue and Banger Iron.....	60
	" " "C".....	4 50		" " " Pin.....	10
34	" Head.....	1 00	86	Thimble Piston.....	25
35	" Holder.....	10	73	" Lead Wheel.....	20
36	" " Heel.....	10	4	Tongue Hook.....	20
10	Linch Pin.....	05	59	" and Axle Strap, right.....	30
	Neck Yoke.....	1 00	60	" " left.....	30
5	" " Iron.....	20	66	Tool Box.....	1 00
6	" " Ring.....	10	77	Track Clearer, right.....	50
7	" " Staple.....	10	78	" left.....	50
8	" " Ferule.....	05		" " Head, right.....	25
	Nut Rock Pin.....	10		" " left.....	25
	" Crank Pin.....	10		Under Draft, complete.....	3 00
	" Pitman.....	.05		Whiffletrees.....	50
	Oil Can.....	20	3	" Clevis.....	20
	" " Holder.....	10	12	" Hook.....	15
9	Oil Cup Cap.....	05	37	Wheel Drive.....	10 00
87	Pitman Head, upper.....	1 20	42	" Large Gear.....	2 00
	" " Ball, upper.....	25	43	" Pinion.....	75
19	" " lower.....	80	61	" Lead.....	1 00
	" " Box, lower.....	25		Wrench.....	60

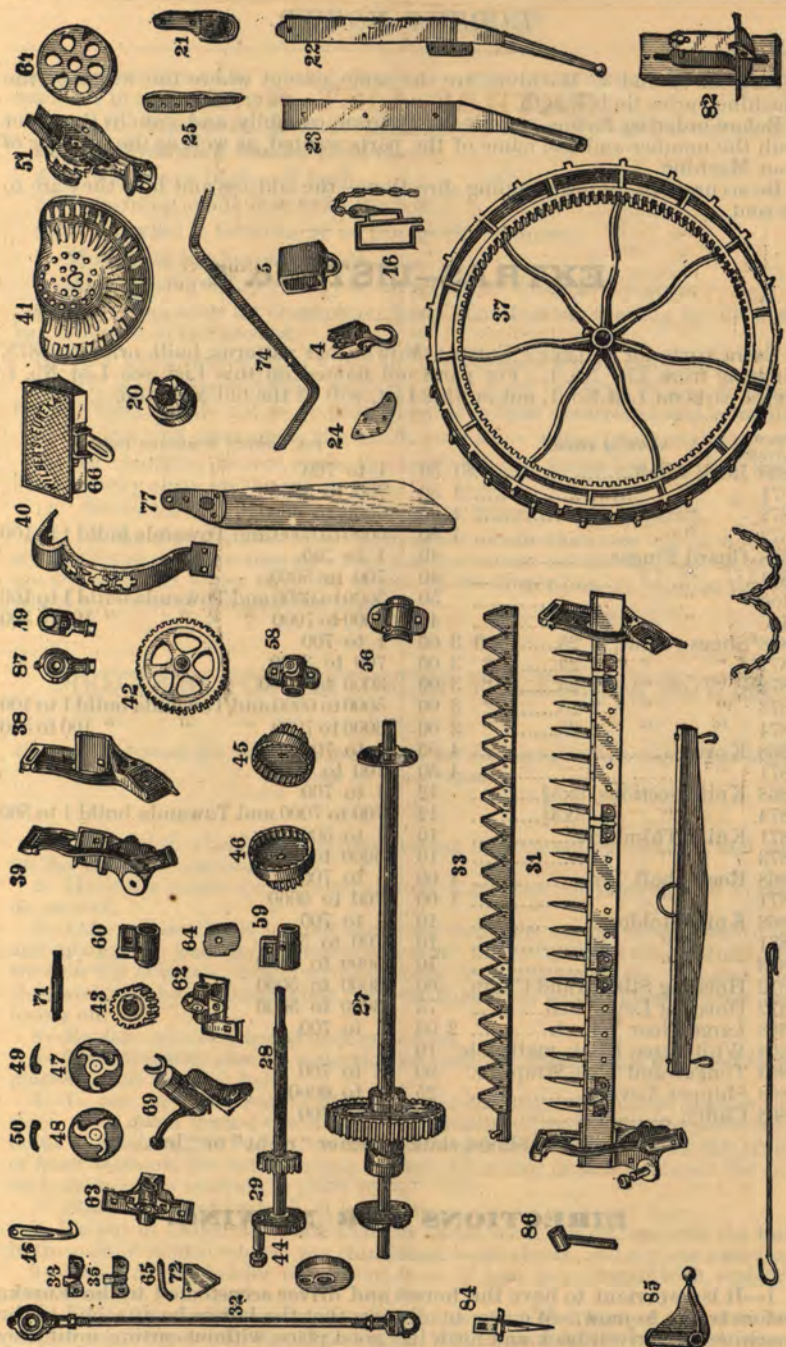


DIAGRAM OF EXTRA PARTS OF EUREKA MOWER.

Parts of *A* and *C* Machines are the same, except where the width of the Machine varies their length.

Before ordering Extras, consult the Diagram carefully, and state in the order both the number and the name of the parts wanted, as well as the number of your Machine.

Be accurate in giving shipping directions—the address and how they are to be sent.

EXTRAS—LIST No. 2.

Extra parts for WILBER'S EUREKA MOWER, old patterns, built prior to 1875, differing from List No. 1. For parts not named on this List, see List No. 1. Extra parts on List No. 1, not on this List, will fit the old Machine.

NO. ON PATTERN.	NAME OF PIECE.		FOR MOWERS NUMBERED FROM—
1868	Rock Shaft.....	\$1 50	1 to 700
1871	“	1 50	700 to 3000
1872	“	1 50	3000 to 5000
1873	“	1 50	5000 to 6000 and Towanda build 1 to 100
1868	Guard Finger.....	40	1 to 700
1871	“	40	700 to 5000
Steel	“	50	5000 to 6000 and Towanda build 1 to 100
84A	“	40	6000 to 7000 “ “ “ 100 to 500
1868*	Shoes—right, 2 25.....left 3 00		1 to 700
1871	“ “ 2 25..... “ 3 00		700 to 3000
1872	“ “ 2 25..... “ 3 00		3000 to 5000
1873	“ “ 2 25..... “ 3 00		5000 to 6000 and Towanda build 1 to 100
1874	“ “ 2 25..... “ 3 00		6000 to 7000 “ “ “ 100 to 500
1868	Knives.....	4 50	1 to 700
1871	“	4 50	700 to 1200
1868	Knife Sections, 3x3 $\frac{3}{4}$	12	1 to 700
1874	“ 3x3 $\frac{3}{4}$	12	700 to 7000 and Towanda build 1 to 500
1871	Knife Thimbles.....	10	1 to 5000
1873	“	10	5000 to 6000
1868	Rock Shaft Pin.....	1 00	1 to 700
1871	“	1 00	700 to 6000
1868	Knife Holder.....	10	1 to 700
1871	“	10	700 to 5000
1873	“	10	5000 to 7000
1872	Hoisting Stirrup and Chain	60	3000 to 5000
1872	Hoisting Lever Bed.....	75	3000 to 5000
1868	Large Gear Wheel.....	2 00	1 to 700
1868	Whiffletree Hook, malleable	10	
1868	Tongue and Axle Strap.....	30	1 to 700
1868	Shipper Lever.....	25	1 to 6000
1868	Clutch	50	1 to 700

*In ordering Shoes, state whether “right” or “left.”

DIRECTIONS FOR MOWING.

1—It is important to have the horses and driver accustomed to the Eureka before trying to mow. We *urge* in all cases that the horses be attached to the machine and driven back and forth in a good place, without cutting, until they drive well wide apart *entirely outside the cut*, and turn handy, and until the driver

becomes accustomed to reining the horses, raising the cutter-bar, and putting machine in and out of gear.

2—Oil the thimble on the *knife head, pitman heads, and crank boxes* frequently.

3—Mow headlands first for turning.

4—Always mow back and forth.

5—In turning at the end, raise the bar.

6—If the wind is blowing, go on the lea side to mow.

7—Mow from the lower hill side.

8—Always back when you try to raise the bar while in the grass.

9—In raising over an obstruction, keep your foot on the dog, to allow the bar to return to the ground.

10—Don't continue cutting when any obstructions are on the guards.

11—In mowing, should the machine work hard, or there be any unnatural noise, STOP, and do not go on until the difficulty is discovered and remedied.

12—When the grass gums the knife, pour some water occasionally upon it.

13—In changing knives, clean the knife-bar and finger-bar, keeping knife-bar perfectly clean on the under side.

14. Never leave the knife in the machine when through cutting.

15. If the Eureka fails to cut a smoother swath than any other mower, it will be for one of two reasons—first, the horses are *not spread properly*, or you are trying to cut wider than the length of the finger-bar, by running the lead wheel too close to the standing grass.

DIRECTIONS FOR SETTING UP THE EUREKA MOWER.

Be sure and Read the following Directions for Setting up Mower before you undertake to put it together.

1—Place drive wheels on machine having corresponding number, and each on the side it is marked.

2—Have the number on knives and on finger-bar correspond with number on mower.

3—Take out *small pin*, located near rock shaft pin, on left shoe; remove bolt and plate from rear end of right shoe; put finger-bar in place by sliding left shoe on left side arm, fastening the same by replacing *small pin*. Connect right shoe and arm by bolt and plate; cut the thread on bolt to keep the nut from losing off.

4—Replace connecting rod and rock shaft.

5—Place hoisting gear on right side of platform, fastening it by a bolt in the platform and by draft bolt.

6—To put on guide rods: Place one end of long rods in axle caps on each side; place them toward the center of the machine, and spring forward end in point of shoe. Short rods go on under side of frame—each side—in the groove of front washers, the rods pointing toward the center of axle. Loosen the nuts on bolts holding washers to place rods.

7—Place the V lead wheel on left shoe.

8—To put in knife, raise rock shaft by unscrewing nut on top; run the knife in through V in lead wheel; put thimble on knife-shank, and replace rock shaft.

9—Place oil can holder on pole in front of tool box; fasten with screws in rivet package.

10—Place the doubletree in the sliding hasp iron and banger, and then bolt tongue and banger iron firmly to tongue, with bolts in tool box; attach eveners to doubletree with long draft rod; connect each end of eveners to draft irons on

frame and side arm with the chains. Each draft iron has several holes for graduating the lift on finger bar, to relieve the pressure on the ground; keep chains the proper length by taking up on upper hook; have sliding hasp iron move one inch ahead of back bolt when the chains are tight—oil between sliding hasp iron and tongue iron.

11—See that all nuts are tight, particularly those on under side of frame, which should be looked after occasionally, and fastened, if necessary, by cutting thread on bolt with cold chisel.

12—Test the mower by working the knife with thumb and finger on the pitman, the machine being out of gear. If right, it will work easy; if there is a bind, find and remedy it.

13—In putting on track clearers, put the bolts from the inside out, and have head of bolt against track clearer, and screw from the head.

PREPARATION FOR MOWING.

1—FILL upper pitman head pocket with the oil before starting, and oil frequently when mowing.

2—Oil every bearing before starting.

3—Oil under knife at starting.

4—Use sperm or lard oil; don't use "machinery oil" unless you wish to damage your machine; it is poor stuff.

5—Spread the horses wide apart, quite beyond the cut.

6—Take the inside reins out of the front or hame terrets, and lengthen them about two feet, with straps in tool box.

DIRECTIONS FOR STORING THE MACHINE.

Take off the pole, and set mower up on back rail in a dry place. Clean guards and bar, and cover the same with oil to prevent rust. If the bar is left on the ground, it will be seriously injured by rust.

IMPORTANT TESTIMONIALS.

The Great Centennial Field Trial, Philadelphia, June 26, 27, 28 and 29, 1876, the EUREKA receives the HIGHEST AWARD,

GRAND MEDAL AND DIPLOMA.

NAME OF MACHINE.	WIDTH OF CUT.	DRAFT IN LBS.	DRAFT PER FT.
Wilber's Direct Draft Eureka Mower.....	6 feet	172	29
Screw Mower.....	4 " 29/4 in.	235	56
Ball's Keystone Mower.....	4 " 5 1/2	228	51
Screw Cam Mower.....	4 " 3	186	44
Buckeye Mower.....	4 " 3	200	47
Buckeye Mower.....	4 " 4 1/2	178	41
Buckeye Mower.....	4 " 0	171	43
Johnston Small Mower.....	4 " 2 1/2	204	48
Hubbard Meadow Lark Mower.....	4 " 0	not tested	
Hubbard Large Combined Mower.....	4 " 6 3/4	206	45
Wood Special Mower.....	4 " 4	222 1/2	51
Haymaker Mower.....	4 " 3	165	39
Wheeler No. 6 Mower.....	4 " 7 1/2	206	45
Kirby No. 3 Mower.....	4 " 11 3/4	238	48
Kirby Special Mower.....	4 " 3 3/4	220	51
Acme Special Mower.....	4 " 3	182 1/2	43
Champion one horse, specially provided with pole.....	3 " 0 3/4	131	34
Champion Light Special Mower.....	4 " 1	declined test	
Champion No. 4 Mower.....	4 " 6	declined test	
Champion No. 4 Mower.....	4 " 11	declined test	
Peerless Small Mower.....	4 " 4	157	36
McCormic Small Mower.....	4 " 3 1/4	190	47
Meadow King Mower.....	4 " 7	205	45

"The EUREKA cut a quarter of an inch higher; but allowing for this, we still have the fact that this machine was the **LIGHTEST DRAFT OF ALL THAT WERE TRIED.**" (See Judges' Official Report, page 16.)

PHILADELPHIA, Nov. 15, 1876.

PRODUCT. WILBER'S DIRECT DRAFT EUREKA MOWER. Name and address of exhibitor: *The Towanda Eureka Mower Company, Towanda, Pa.* The undersigned having examined the product herein described, respectfully recommend to the U. S. Centennial Commission, FOR AWARD, for the following reasons:

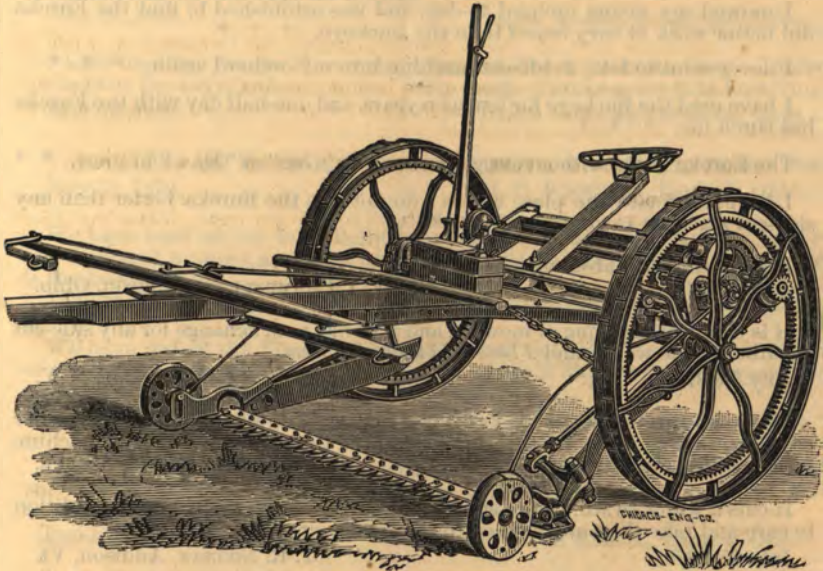
First—For the introduction of an entirely new principle by that of direct draft.

Second—The horses are attached to the center of the machine; the cut grass is not trodden at all.

Third—Owing to the presence of double clearers within the cover, comprised of light iron rods, the grass is left raised up, and so light that curing follows without the aid of tedders, &c.

Fourth—For the great advantage of being able to work the land in any direction, and thus attack difficult crops in the best way.

Fifth—For the excellent arrangement by which flexibility of the knife is secured.



Sixth—For the LIGHTNESS OF DRAFT.

Seventh—FOR ITS GREAT CAPACITY FOR RAPID WORK.

Signed, { JNO. COLEMAN, E. OLDENDORF, JAS. BRUCE,
IKEDA KENZO, PEDRO PAES LEINE, J. S. GRINNEL.

The United States Centennial Commission has examined the report of the Judges, and accept the above, and have decreed an award in conformity therewith.

FRANCIS A. WALKER, Chief of the Bureau of Awards.

Given by authority of the United States Centennial Commission.

A. T. GOSHORN, Director-General.
J. L. CAMPBELL, Secretary.
J. B. HAWLEY, President.

At this trial all the leading machines were in competition. The draft was carefully tested with Baldwin & Eickmeyr's celebrated Dynamometer. The table above shows the name of each machine, width of cut, draft when mowing, &c. By it you will see the EUREKA is the LIGHT-EST DRAFT MOWER IN THE WORLD.

WHAT WE KNOW ABOUT THE EUREKA.

IMPORTANT TESTIMONIALS.

The Eureka was the lightest draft of all that were tried. * * *

The great advantage of the Eureka is being able to work the land in any direction, and thus attack difficult crops in the best way. * * *

One great merit in this machine is that, having a track clearer on both sides, the cut grass is laid up in a beautiful, light, open swath, very favorable for curing.

JOHN COLEMAN, Chairman of Judges on Group XXIII, Centennial Com.

I mowed my young orchard to-day, and was astonished to find the Eureka did better work *in every respect* than the Buckeye. * * *

I never want to take a side-cut machine into my orchard again. * * *

I have used the Buckeye for fourteen years, and one-half day with the Eureka has cured me. * * *

The Eureka works without clogging when you "Gee" or "Haw" in short. * *

I have not found the place where I do not like the Eureka better than any side-cut machine I ever saw. * * *

It gives the most absolute satisfaction.

July 8, 1879.

W. I. CHAMBERLAIN, Hudson, Ohio.

It is certainly the king of mowers, and I would not exchange for any side-cut machine in the world, and *I have used the best of them.*

July 7, 1879.

GEORGE K. SMITH, Monroe, N. Y.

I opposed the Eureka as long as it was honest to do so. Now I would rather pay a reasonable price for the Eureka Mower than use any side-cut machine furnished me for nothing.

E. C. SPENCER, Wysox, Pa.

It cuts a wider swath, draws easier, and leaves the grass in better condition to cure and rake than any side-cut machine I ever saw.

July 15, 1879.

T. R. NOONAN, Addison, Vt.

I have used the Eureka Mower to cut all my grass for four years. I consider it the best mower in use.

August 15, 1879.

HARRY EVERTS, Waltham, Vt.

We have used the Eureka Mower to cut about 150 acres yearly during the past *eight years*, with little expense for repairs. We consider it in all respects the best mower in use.

J. O. WALKER, G. M. ADAMS, Ferrisburg, Vt.

We fully endorse the above. Each of us bought a Eureka Mower in 1870. The Eureka gives perfect satisfaction.

H. T. BOOTH, JARED BOOTH, R. D. BOOTH, B. W. COLLINS.

The grass will gather cleaner from the swaths of the Eureka than from any other machine I ever used.

GEORGE HOFFMAN, President Elmira Farmers' Club.

There is evident advantage in the manner of leaving the grass by the Eureka Mower.
W. A. ARMSTRONG, Elmira, N. Y.

After using the Ketchum, the Wood, and the Buckeye, I have settled down on the Eureka Mower as superior to any side-cut machine I ever used or saw in use.
HARRIS LEWIS, President N. Y. State Dairymen's Association.

I have used the Eureka Mower four years, mowing about one hundred acres each year with *very little expense* for repairs.
MANSON ELSBREE, Athens, Pa.

In no case will it bunch up the grass like the side-cut mowers. I think it superior to all other machines.

June 28, 1879. R. B. BIDDLECOM, Lafargeville, Jefferson Co., N. Y.

I mow seventy-five acres per year. I have had my machine four years, and it has not cost me one cent for repairs.

May 26, 1879. JOSIAH ADAMS, Salineville, Ohio.

I have used the Eureka Mower six years, and like it the best of any. I have owned two Buckeyes and one Acme. Give me the Eureka every time for saving.

May 29, 1879. DAVID STOCKER, Ravenna, Ohio.

You will find the Eureka the nicest machine to cut oats with you ever saw.

May 28, 1879. M. E. ELSWORTH, Hudson, Ohio.

We have used on our farm Ball-Ohio, Buckeye, Champion, Climax, Clipper, and Hubbard mowers, and have used the Eureka *ten years*, and say the Eureka is the best mower.

June 26, 1879. E. W. CHAMBERLAIN, Sullivan, Ashland Co., Ohio.

We have owned the Eureka Mower six years, and have used it in all kinds of grass. We have never yet found a place where it did not do good work, nor have we ever had a mower that would equal it.

May 28, 1879. D. E. FENN & SONS, Talmadge, Ohio.

I have used all the standard machines in this and western markets for the past twenty-five years, and for lightness of draft, ease of management, and excellence of work, the Eureka beats them all.

October 10, 1879. ABNER M. REEVES, Warren, Ohio.

I have cut 120 acres of grass this season with the Eureka Mower, and it has worked to my entire satisfaction in all kinds of grass.

October 23, 1879. R. A. HUNT, Euclid, Ohio.

Shrink not from strife unequalled,
With THE BEST is always hope.
And always in the sequel
God holds the right side up.

—Whittier.

We have used the W. A. Wood, the Allen, the Clipper, and different makes of Buckeyes (we now have two Buckeyes in good order.) We have used the Eureka this season on all kinds of ground and in all kinds of grass, and do not hesitate to say it is the best machine manufactured at the present time, and we shall continue to use it in preference to any other.

July 30, 1879. POMEROY BROTHERS, Troy, Pa.

I have laid the W. A. Wood by, I think, forever, after using it for twenty-one years. I can mow the sights off from any side-cut mower with the Eureka.

July 14, 1879.

S. F. WELLER, New Lexington, Ohio.

The Eureka stood the highest test. In a word, it is the best machine for doing the work, in existence.

June 30, 1879.

WM. H. SOHN, New Scottsville, Pa.

I have used the Eureka Mower seven years, cutting each year from sixty to eighty acres of heavy grass, and on hilly ground *without a single break*, and no expense save natural wear of pitman box.

KENNETH M. LENNAN, Salineville, Ohio.

OFFICE OF W. I. CHAMBERLIN, }
HUDSON, OHIO, July 8, 1879. }

MR. DAVISON: *Dear Sir*—I mowed my young orchard to-day and was astonished to find the Eureka did better work there, *in every respect*, than the Buckeye. I didn't leave six clips for the scythe on the average at each tree, and I didn't bark a tree or have to stop for clogging as I invariably have to do with the Buckeye. I padded the out ends of the whiffletrees with a soft rag, and then drove close and turned in pretty short as soon as the whiffletrees passed the tree. I never want to take a side-draft machine into my young orchard again. I have used the Buckeye for fourteen years, and one-half day with the Eureka has cured me. I write this because you seemed to admit that for orchards a side-draft machine might be better. Don't you ever admit any such foolish thing again. Half the time I have to leave a strip for the scythe, the whole length of the row, with the Buckeye, or else clear back the mown grass so as to work the machine. But the Eureka works without clogging when you "gee" or "haw" in short, and when you drive half of the cutter bar on the mown grass, it slides right under the cut grass. I have mowed about thirty acres, and have not cut a guard or nicked a section, and the knives are not injured at all. I have not found the place where I do not like the Eureka better than any side-draft machine I ever saw. If it works as I think it will in lodged clover and heavy Hungarian grass, I shall call it a necessity on any farm where these crops or any very heavy grass is raised. I have mowed very green timothy (just in bloom) that would yield three tons per acre, and in four hours it was fit to go into the barn. It stood up so loose that both sun and wind got entirely through it and cured it equally and uniformly throughout.

Mr. Clark thinks I am "awfully converted," for a man so strongly prejudiced against the Eureka as I was up to the day I first sat on one, only a week ago.

You did not ask me to write you how I liked the machine on further trial, in orchard, &c., &c., but I cannot deny myself the pleasure of doing so. You are at liberty to show this to whomsoever you choose. *As far as I have tried the Eureka, it gives the most absolute satisfaction.*

(Signed)

Very truly yours,

W. I. CHAMBERLIN.

P. S.—We put up forty loads of hay last week in the five days after the Eureka came.

FROM GLENDALE, OHIO.

EDITOR LIVE PATRON:

I see the advertisement of the Eureka Mower in your valuable paper, and it reminds me of a duty I owe to each and every reader of the PATRON who might wish to purchase a mower for the coming season, to recommend them to buy this machine.

But in so doing I wish it understood that I have not got a dollar invested in this machine, either as agent or manufacturer; but after using the Eureka for five years along with a side-cut mower, I would unhesitatingly say that I would not, if wanting a mower, accept a side-cut machine for a gift (the celebrated Champion included), when I could purchase the Eureka; for I consider that it is all that is claimed for it by the manufacturers in the way of lightness of draft, simplicity of construction, durability, and the fine condition it leaves the grass in after being cut; it has no equal.

The Eureka Mower has been sold by our State Agent (W. H. Hill), and has been in the reach of all farmers in the way of price. It is my opinion that any one who has ten acres of grass to cut every year, will be paid by the purchase of the Eureka. If any reader wishes to know anything further about this mower, it will be cheerfully answered through the paper.

J. L. VAN DOREN.

TARRYTOWN, N. Y., March 26, 1880.

MESSRS. ACKERMAN BROTHERS:

Yours of the 23d inst., asking information about Eureka Mower, received—I have used a five feet cutter-bar Eureka Mower the past five years, and like it so well that I have purchased a six feet cutter-bar, believing that a six feet machine will work easier for driver and horses than any four feet side-draft mower now made. I previously used a Buckeye, which is about the best side-draft, but could not afford to use one as a gift if I could buy a Eureka for one hundred dollars; the Eureka saving the difference in a short time, in the extra work it does in the cutting and drying the grass. I send you one of the manufacturers' circulars in which there is a number of testimonials, all of which I fully endorse, as I think its merits cannot be over-estimated. It is about as near perfection as we are likely to get a mower for some time yet.

I. GIBNEY.

[From the Country Gentleman.]

As for curing aftermath, I cure a clover second crop just as I would the first crop. It is often quite as heavy and well developed, and August weather is nearly as good for curing as June. Late timothy aftermath requires great care in curing, especially if intended for horses. I happen to have the Eureka Mower, and find it a most astonishing help in curing very green hay, and hay for winter milk should always be cut *very green*. This machine leaves the grass, especially if thick and heavy, standing nearly erect where it was cut off, and never tramps it with team or wheel. I have had men come into the field and kick the grass aside before they would believe it was really cut off. Of course, sun and air go clear through it, and it cures far more evenly and rapidly. It never needs turning or "tedding." In fact, it is in better shape for curing as left by the mower, than it can possibly be put by any other means I have ever seen. Heavy clover cut thus one evening is fit for the cock the next, without stirring, and for the mow the next, without opening the cocks. My clover, first and second crop, comes out of the mow as bright as a dollar, and you do not have to "brine" the hay or "tone up" the cows to get them to eat it—

W. I. CHAMBERLAIN, Summit County, O.

THE BEST MOWER IN THE WORLD.

At the Summit County Fair, held at Akron, Ohio, September 30 and October 1, 2, 3, 1879, the Committee of Awards on Agricultural Implements awarded FIRST PREMIUM DIPLOMA to the "EUREKA" as BEST MOWER.

To-day (October 6, 1879) I tried one of the Eureka six-feet cut in very bad tangled clover. After trial I am satisfied that the mower is all it is recommended, and is deserving all our committee gave it. The grass is left in better condition for curing than I supposed possible. The horse walking in standing grass is no objection whatever.

JOSEPH BABB,

AKRON, O., October 6, 1879.

Chairman Awarding Committee.

Akron is the home of the BUCKEYE, EMPIRE, and EXCELSIOR Mowers.

"A letter, received in the beginning of the meeting, called for information about the work of the Eureka Mower in harvesting Barley. It happened that of those present none had so used the machine, but the letter sent to Mr. G. W. Hoffman later brought the following reply:

"In reply to your inquiry as to the Eureka, I have this to say: After trying what I believe to be the best self-raking reaper (the Johnson Harvester), I found my six-feet Eureka Mower very much superior, in that it left the barley spread over the ground perfectly loose, so that the sun and air could act upon it; neither the horses' hoofs nor the wheels of the machine packing it to the ground, permitting it to dry in a few hours, besides cutting it much cleaner than any appliance that I have ever tried. GEORGE W. HOFFMAN."

—*From the Husbandman, Elmira, N. Y., March 10, 1880.*

OFFICE OF KNAPP, STOUT & Co., }
MENOMONIE, Wis., March 17, 1879. }

MESSRS. GEORGE D. DAVIS' SONS, Lynchburg, Va.

Gents—Yours of the 5th duly received, making inquiry about the Eureka Mower. We heard of them late last summer for the first time, and ordered a six-feet mower for trial, and though it came late we liked it so much we ordered thirty more. It leaves the grass evenly spread just as it cuts it, and cuts more and easier than the side-cut mowers. We had in use nearly all the side-cut mowers. We shall sell all we have, and use the Eureka exclusively until we find a better one.

We give you the names of some we have in use, viz.: McCormick, Atkins, Buckeye, Kirby, Manny, Little Giant, Sprague, Clipper, William Anson Wood, Walter A. Wood, Champion, Ohio, &c.

Yours respectfully,

JOHN H. KNAPP, President.

Wysox, Pa., December 23, 1878.

We avail ourselves of this occasion to say that we have had one of your six-feet cutter-bar mowers for the past three years, and purchased the second one the past season. So far as our testimonial is of service to you, we gladly give it.

The Eureka Mower is the very best we ever saw, and there is no side-draft mower that will compare with it in any respect. We can operate a six-feet cutter-bar Eureka machine with more ease to a pair of horses than any four and a half cutter-bar of any side-cut mower we ever used. The advantage of your mower in cutting back and forth on one side of a grass field enables us to mow heavy grass that is lodged, cutting it clean, and the grass is left to cure without being trampled by the team, or run over by the machine. The mower we have had in use for three years is as good in all its parts as when first used, and that, too, after cutting over one hundred acres each year. We commend the Eureka Mower, unhesitatingly, to farmers who desire the best mowing machine in use.

V. E. & J. E. PIOLLET.

THE EUREKA MOWER.

Probably no other agricultural implement has had to fight its way to popular favor against a greater amount of prejudice, engendered and cultivated by competitors, than the Eureka Mower. Until this direct-draft machine came into the field, the manufacturers *warred* indiscriminately among themselves, but on the appearance of this dangerous innovation, the side-draft machine men stood shoulder to shoulder against its introduction.

The objection to having one horse walk through the standing grass was enlarged upon, and the Eureka was cried down as generally impracticable. But notwithstanding all the obstacles in the way, the merits of the Eureka have secured for it general recognition among intelligent and enterprising farmers who are not afraid of a thing because it is new.

Its advantages of absolutely direct draft, and of leaving the mown grass in better condition, untrodden by the horses, and untouched by the wheels of the machine, are always appreciated when the Eureka has been tried. Hitching the horses directly in front enables them to draw a machine cutting a six-foot swath with as much ease as a four-foot side-draft cut.

The Eureka has been used by many of the best farmers about Elmira for several years. Among those using the machine are G. W. Hoffman, ex-President of the State Agricultural Society, and Jesse Owen, Executive officer, and Charles Heller, President of the *Husbandman* Association.—*The Husbandman*.

THE MOWING MACHINE OF THE FUTURE.

The improvements in mowers, to benefit farmers the most, are in the direction we have taken, viz.: *Rapidity of cutting* without increased draft, thereby giving the grass more time to cure the day it is cut; *rapidity of curing* without the increased expense, which occurs in the use of the tedder. *Curing evenly*, thereby making a much *better quality of hay*, and reversability, which allows the mower to be used on one side of the piece or lot.

The great trouble with the side-cut mowers now in use, is that work enough cannot be done for the power expended by a pair of horses, labor of man, and time taken.

The *light, little, cheap, pony mowers*, with four-foot cutter-bars, that are offered to farmers, will in a short time be considered good playthings for children. *A man* will not then *waste his time and labor* and the *work of a pair of horses* in using a mower making such slow work in cutting and curing grass.

The direct-draft principle in mowers saves labor, power, time and money, and saves the crop from injury while being gathered.

We say, confidently, it is the principle that will be universally adopted.

Farmers who expect to buy mowers this year are urgently solicited to test our machines before making purchase.

Wilber's Eureka Mower, with Six Feet Cutter-Bar, at Work in the Field.



The Grass Trampled by one Horse is **ALWAYS** Cut on the Return of the Machine.

The Eureka is Driven Back and Forth on One Side of the Piece. The Horses are Placed Wide Apart, Outside the Cut.