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JOHNSTON'S PATENT

SELF-RAKING REAPER,



CHAMPION OF THE
GRAND "SWEEPSTAKES"
PRIZE.

Manufactured by
C. C. BRADLEY & SON,
SYRACUSE, N. Y.

1869.

The Johnston Self-Raker

IS A SINGLE REAPER.

It has been demonstrated that a Reaper and Mower will last to cut more Grass and Grain than two combined Machines, and costs much less; besides, a separate machine is less complicated and less liable to get out of order, and is always ready for use without the trouble and delay of changing one from the other.

This is the most reliable SELF-RAKING REAPER now in use; it is both simple and compact; it has passed through the harvests of five seasons *more successfully* than any other single Self-Raker, and as now built, is the *Strongest, most Durable, and Lightest Draft Reaper made.*

In the mean time it has been thoroughly tried in competition with all other Reapers of note, and in every instance has proved *more competent*, and given BETTER SATISFACTION in the quality of its work, than any of its competitors.

The Rakes, five in number, revolve around as illustrated in the engraving, and as you see they are so arranged as to be entirely under the control of the driver. It cuts a 6 foot swath with as light draft as that of a 4 foot cut Light Mower, and with no side-draft whatever.

With a common team, 15 acres is an ordinary day's work; it has been known to cut 140 acres in 7 days; it gathers up lodged grain in all conditions, and delivers it in good shape.

This Harvester is a great improvement; it is far in advance and fast superceding all others, consequently it meets from year to year with the most obstinate and determined opposition; but it is as sure to succeed as water is to find its level.



This is the only Reaper that will gather up Lodged Grain when leaning from the Machine.

It has mechanical principles that when at work, illustrate and establish its usefulness and practicability in your mind beyond a doubt; no one having seen it work five minutes will deny this fact at the risk of his reputation as a TRUTHFUL MECHANIC, whether friend or foe. Either Mowers or Reapers, if successful and practical, are susceptible of being improved from year to year during their entire existence; look at the older machines and compare them with what they were when first introduced; you will find some so changed in form that they have almost lost their identity; and inventors as well as manufacturers are aware of the fact that unless their respective machines are being improved from year to year, they are liable to be superceded by their more industrious and enterprising competitors.

Did you ever know or hear of a Reaper that its working powers and principles were so universally approved by every one as that of the JOHNSTON SELF-RAKING REAPER? Although comparatively new in the West, yet it has taken rank among the very best, and is destined to become the leading machine of its kind throughout all the grain-growing sections in the country.

This Reaper thus far has proved a greater success than any of its predecessors; being entirely new and original, it naturally attracts attention. The quality as well as the quantity of its work is so satisfactory, and being so easily handled by team and driver that it at once becomes the favorite even of its most stubborn opposer; at this age when so many good and worthy Reapers are in use, and have been in the field so long, it is not surprising that in introducing a *new one that has greater merits*, it should meet with determined opposition; and the new one would have to show a much greater capacity in order to enjoy an equal reputation; if you will examine this Reaper, as it is made for the harvest of 1869, you will find it not only as herein described, but it is the FINEST AND BEST MADE MACHINE YOU EVER SAW OF THE KIND.

Nearly all Mowers and Reapers of the present age are capable of doing good work under some circumstances, and when viewed in the light of practical harvesters, all are entitled to great credit, and should so be regarded by the farming public.

The improvements in agricultural implements the past few years have been rapid and practical; this progress has been from necessity, more than the promptings of genius. Had it not been for the late war in our country, causing a scarcity of laborers, and the consequent demand for machinery to take their place, farm machinery would not have become as practical as we now have it in so short a time. This is a fact generally acknowledged by our best judges; but it does not necessarily follow that all the machines have equal capacity, and that some are not more capable and practical than others; it is the Mower or Reaper that has the greatest practical capacity that becomes the most useful and economical.

Some Reapers will do good work when the grain is of ordinary growth, standing up, and otherwise in good condition, but would be useless under other circumstances.

"It works as well in standing grain as any I ever saw, and in lodged grain it far exceeds any Reaper I ever saw."—H. COOK, *Hastings, Minn.*

Some will even secure lodged grain if it is lodged towards the cut, but not otherwise.

"Your Johnston Reaper is a perfect Harvester, being all that a farmer desires; doing its work admirably, picking up lodged grain that leans from the machine."—N. HUNT, *Climax Prairie, Mich., 1868.*

Some will do well on level, but not on uneven ground.

"It works on the steepest hill sides without upsetting at all, and turns the corners without any trouble. It cuts a foot wider and still *runs two horses lighter* than the "Manny," or the "McCormick," and takes up down grain a great deal better than either."—JONATHAN ANDRE.

"I fully agree with the above."—JAMES KEPNER, *Big Rock, Iowa*, 1868.

Some will operate in dry, but not in wet grain or grass.

"The Johnston will cut wet or dry, with or against lodged grain, anywhere."—JAS. HENDERSON & Co., *Henderson Prairie, Iowa*, 1868.

Some will secure grain of even growth, but not of uneven.

"I can make the bundles any size I want them, or can make all the Arms rake and leave my grain in a swath, with my Johnston Reaper."—ERICK MEIBURY, *New Liberty, Iowa*, 1868.

Some will work well in a still day, but cannot work at all in a windy day.

"It gets all the grain, whether it is standing up or laying down; it leaves no scatterings, but makes clean work."—GEO. W. HARRINGTON.

Some will cut the grain on two sides, but are not able to go around the piece.

"I think it impossible for grain to get down so low that this Reaper will not get it going either way."—A. B. WATSON.

Some will cut the grain, and not gather it up clean.

"I have been in Iowa over 30 years, and have used 4 other machines; two of them "McCormick's," and I can truly say that for *clean cutting and good raking on all kinds of ground*, and in different kinds and conditions of grain, the "JOHNSTON" beats them all."—JOHN K. JAMES, *Grinnell, Iowa*. 1868.

Some will cut and gather, but do not deliver it in good shape for binding.

“Its great merit is shown in tangled and lodged grain ; where other Reapers run over and lose it, this gets it all. The gavels are laid off square and uniform, and can be bound much faster than when raked by hand.—ISAAC J. CUTTER, Glasgow, Minn.

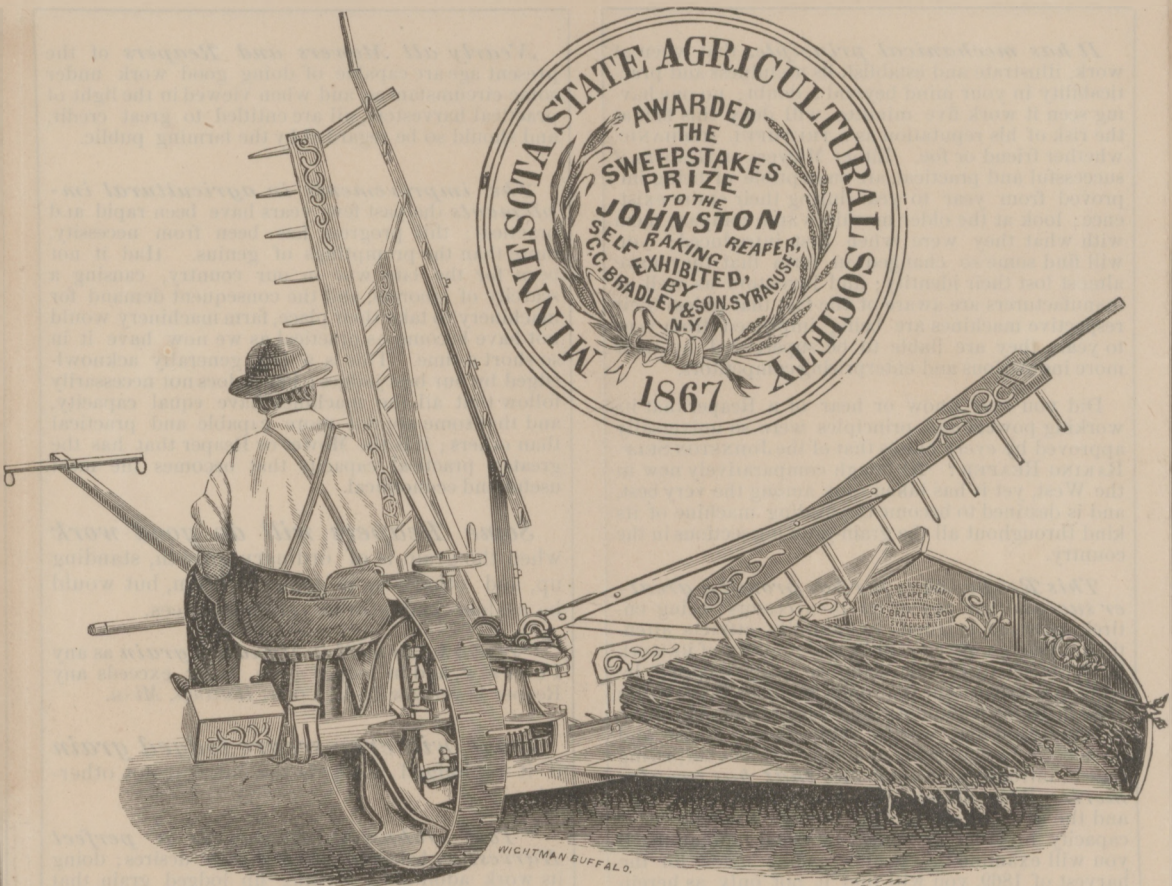
“It leaves the best bundles for binders of any Reaper I ever saw.”—ERICH MEIBERY.

Some do very good work ordinarily, but require too much skill and power to work them.

“My wheat was down flat, but it took it up clean, and left the bundles in good shape for binding. It was managed and driven through the entire harvest by a one-armed man, who could raise and lower it without stopping the team; he cut 16 acres of oats in one day with one team.”—ABRAM V. MILLER.

“We bound after Mr. Miller’s Reaper, and fully endorse all he says about it.”—S. POPE, J. S. POTTER, GEO. LESTER.

The Johnston Self-Raking Reaper will do good and satisfactory work under any and all the above circumstances, and do more of it in the same time than almost any other machine made; and requires but one pair of horses, while others require for the same two or three pairs.



As it Appears when at Work in the Field.

CHATSWORTH, Ill., Aug. 25, 1868.

GENTS:—You wish to know how we have succeeded with the "Johnston" during the harvest just closed. We raised 900 acres of grain the past season, the most of which was very heavy and badly lodged. At the commencement of harvest we had a "Header," "Marsh Harvester," "J. P. Manny," a hired "McCormick," and two "Johnston's." As the grain ripened so fast, and the straw being in such bad condition, it was evident we should require more machines of those capable of working under unfavorable circumstances in order to save our crop. We therefore purchased three more of your Reapers this season, making five "Johnston's" we now have on our farm. When we picked out the best pieces for the other machines, we finished all the rest with the "Johnstons," and would have lost a large portion of our crop had it not been for these machines. With a cut of six feet, the draft is so light that two mules work it easily from morning till night, and travel over more ground than four can on the "J. P. Manny."

After two years' experience with the "Johnston," and running them along side of others, we unhesitatingly say, that for *lightness of draft, fast cutting, and perfect work in all kinds of grain*, it has in our opinion, *not a rival in the land*, and we believe it is destined to lead all others throughout the West. Your "Tilting device," for throwing the rakes clear to the ground to pick up lodged grain, works admirably, and is a great improvement. If we can sell our other machines, we shall want more "Johnston's" next year.

Very Respectfully yours,

GERMANIA SUGAR COMPANY,

G. GENNETT, Sup't.

At the present day a Reaper that cannot be worked to its *full capacity with one pair of horses and driver*, is not, strictly speaking, a practical and economical Reaper for an ordinary farmer.

“In one of the worst fields of lodged and tangled grain I ever saw, it worked to perfection. I had a Wood, and McCormick Self-Raking Reaper at work in my field, and proposed to try a “JOHNSTON,” with the understanding that I was to keep the best. I gave the Wood Machine a trial and laid it aside. The McCormick did its work pretty well; but the “JOHNSTON” done its work better, and to my entire satisfaction; picking up the lodged grain that the others could not. Being light draft and easy for the team, I consider it the best harvester in use.”—STEPHEN ELDRED, *Climax Prairie, Mich.*

“I have worked my Reaper, cutting six feet wide, with one pair of light horses, and would rather they would work on it than on a plow”—ELEAZER BROWN, *Spring Lake, Minn.*

“The Reaper runs very easy, and being so nearly balanced on the drive wheel, runs very strong, and positively has not one ounce of side-draft.”—F. E. AUSTIN, *Prairie Center, Ill.*

“The JOHNSTON REAPER which I purchased of you, cut for me 140 acres the first 7 days it was run, It will be superfluous to add that it laid the bundles FIRST RATE, when I state further that five men bound it as fast as cut. I think it embraces the best principles ever put into a Reaper.”—WM. L. AMES, *St. Paul, Minn.*

“In lodged grain it can't be beat by any Reaper in existence. I cut 16 acres per day with perfect ease with one pair of horses. They are the easiest on the team of any Reaper of my experience. I am also satisfied that they are very strong and durable. I reaped some very rough and grubby land which would have tested the strength of any machine.”—E. E. CHASE, *Cannon Falls, Minn.*

“With this Reaper it is a pleasure rather than a task to secure the crop; we are satisfied that a Reaper for Reaping, and a Mower for Mowing, each separate from the other, is most to the advantage of the farmer.”—J. HENRY CLARK, *with W. BROWN SMITH, Syracuse Nurseries.*