

Cyclopedia 1872

B. F. AVERY & SONS'
PLOWS



Office, Corner Fifteenth and Main Sts.

WORKS—MAIN, FIFTEENTH, CROP & ROWAN STS.

LOUISVILLE, KY.

H. L. HEWITT,

GENERAL BUSINESS AGENT.

B. F. AVERY & SONS,
ILLUSTRATED
CATALOGUE AND PRICE LIST
OF
PLOW
AND
CULTIVATING IMPLEMENTS,
FOR THE SEASON OF
1872 AND 1873.



Works--Main, Fifteenth, Crop and Rowan Sts.
OFFICE--CORNER FIFTEENTH AND MAIN STREETS,
One square from Ohio River Bridge Depot,
LOUISVILLE, KENTUCKY.

White & Brayley, Printers, Buffalo, N. Y.

B. F. AVERY & SONS'

ORDERS.

We pay special attention to orders by mail, adhering rigidly to a rule long since adopted—to do as well by those who order by mail as by those who order in person.

To insure prompt attention, all orders from unknown correspondents should enclose the cash or draft on some responsible house in Louisville or New York, or undoubted city reference. Full shipping direction should always be given, the route specified and the names of consignees stated.

When the choice of route is left to us, we shall use our best judgment; but, in all cases, the articles are at purchasers' risk after shipment, *and the carrier alone must be held responsible if delay or loss occurs.*

INSURANCE.

All goods shipped by Water will be insured by us, and the premium charged in the bill, unless otherwise directed.

TERMS.

Our terms are Cash, current funds in Louisville on delivery of goods. All goods are delivered at the works, and actual cost of drayage charged. *We do not send goods on commission.*

B. F. AVERY & SONS'

REMITTANCES.

Remittances by Express must be prepaid.

Drafts to our order on Louisville or New York are preferred. ALL PAYMENTS MUST BE MADE IN FUNDS PAR IN LOUISVILLE. When we receive Drafts which are not par here, we shall sell them to the best advantage and place the proceeds to the credit of the account for which remittance is made.

Right Hand Plows will always be sent unless others are ordered.

B. F. AVERY & SONS.

B. F. AVERY & SONS'

CAST IRON PLOWS.

THE following Plows are offered to the public with great confidence. They have been introduced into nearly every State, and the great demand for them is the most satisfactory evidence of their great success. The chief advantage over Steel Plows is the comparatively low price at which they are sold, and the ease with which they are restored to their original shape when they become worn and dull, by means of extra parts which can be replaced by the planter himself without the trouble of hauling them to the shop. Moldboards, landsides and points can all be supplied at very little expense, making these Plows extremely cheap.

These Plows are all warranted to be well made, of the best materials, and to do good work. They are, beyond any question, the best Plows in market.

They all have polished surfaces, varnished to prevent the attack of rust. The stocks are made from the best seasoned white oak butts. Every Plow is clevised and complete. The handles have no side bend, and in case of injury, can be repaired by the planter himself.

The attention of dealers and planters is also invited to the fact that we make nothing but **PLOWS and OTHER CULTIVATING IMPLEMENTS**, and we, therefore, use great care in combining such metals as will give the most satisfactory results; and after an experience which extends from the year 1825, we feel confident of giving satisfaction. We invite sample orders from those who have never had our Plows.

B. F. AVERY & SONS'



No 13. OLD SERIES—CAST.

Light One Horse—7 inch Cut.

Price, with one extra point, \$5.50.

This Plow has a high abrupt moldboard, and is especially adapted for hilling up crops.

An extra point is furnished with every Plow sold by us.

All Plows of this "Old Series" are made under Patents of January 8th, 1856, and October 25th, 1859. They are made with our "Louisville lock or joint" and moldboard lugs.

B. F. AVERY & SONS'



No. 8, OLD SERIES.—CAST.

One Horse—7 inch Cut.

Price, with one extra point, \$5.75.

This is a short Plow, with a bold cutting angle. It throws off the earth with a lively motion, spreading it in all light soils, evenly and beautifully, giving the work the appearance of having been harrowed.

B. F. AVERY & SONS'



No. 11, OLD SERIES.—CAST.

Single Horse—8 inch Cut.

Price, with one extra point, \$5.75.

This Plow has a sharper cutting angle than No. 8, having, however, a broader moldboard. Its works very closely resembles that of the No. 8, turning a broader furrow.

R. F. AVERY & SONS'



No. 19, OLD SERIES.—CAST.

One Horse.—7 1-2 inch Cut.

Price, with one extra point, \$6.30.

This Plow corresponds with No. 14 of the earlier series.

The front cutting angle of this Plow is small, giving in this respect the advantage of long Plows—while the elevating and turning lines of the moldboard are full, and enlarge regularly until the furrow-slice leaves them. This gives greater width of furrow than the cut would indicate.

B. F. AVERY & SONS'



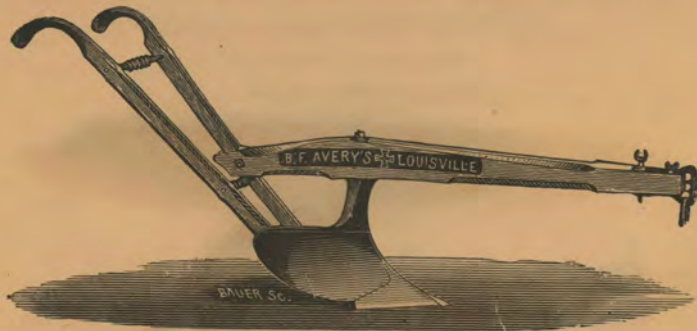
No. 7, OLD SERIES.—CAST.

Light Two Horse—7 1-2 inch Cut.

Price, with one extra point, \$6.73.

This Plow also resembles the No. 8, slightly enlarged, leaving the earth in very much the same form. It is intended for throwing a high bed for corn or cotton, on wet or bottom lands.

B. F. AVERY & SONS'



No. 20, OLD SERIES—CAST.

Light Two Horse—7 1-2 inch Cut.

Price, with one extra point, \$7.45.

This model resembles the No. 19, and is intended to supply the place of the No. 16 of the earlier series. The cutting angles are small, and the draft light.

B. F. AVERY & SONS'



No. 12, OLD SERIES—CAST.

Two Horse—8 1-2 inch Cut.

Price, with one extra point, \$7.60.

This is a short Plow, having a very high moldboard and helve, and throwing a high, well-turned furrow-slice. It is admirably adapted to bottom land culture, and is one of the most popular Plows of this series.

B. F. AVERY & SONS'



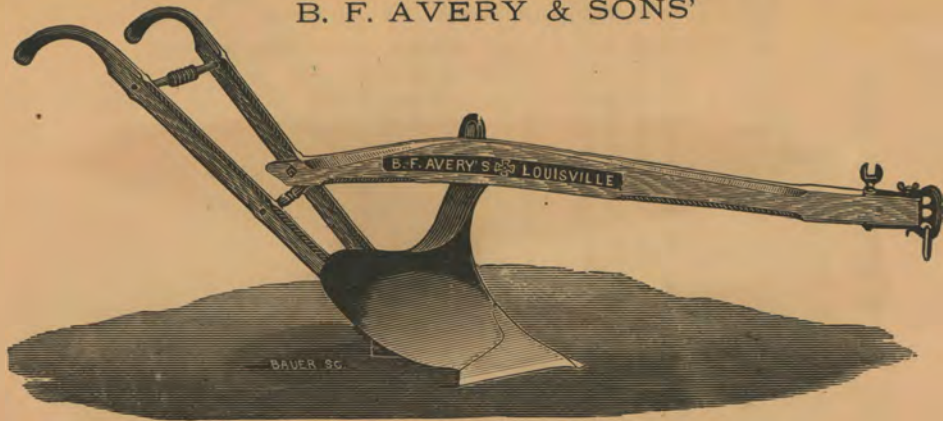
No. 21, OLD SERIES—CAST.

Two or Three Horse—Right Hand—9 inch Cut.

Price, with one extra point, \$10.00.

This Plow has the front cutting angle small, and in outline resembles the No. 19. These Plows have been used for years and have scoured well. They plow deep, turning the furrow-slice evenly at the side of the plow. All the Two Horse Plows of this "Old Series" turn the furrow-slice of turf lands well.

B. F. AVERY & SONS'



No. 15, OLD SERIES—CAST.

Two or Three Horse—Right or Left Hand—8 1-2 inch Cut.

Price, with one extra point, \$10.00.

This Plow is designed for honest deep work, and for all work except turf, it cannot be surpassed. It is a full sized Two Horse Plow, with a very high standard or helve, and will work admirably in foul lands.

B. F. AVERY & SONS'

CAST CAST-STEEL POINTS

FOR

NEW SERIES CAST PLOWS

These points have had one year's trial and have given great satisfaction. They are strong and have great wearing qualities, and in lands where rocks and roots abound they are destined to supersede the cast iron points.

These points are not *decarbonized cast iron*, but ARE CAST FROM CRUCIBLE STEEL, AND ARE MADE UNDER A PATENTED PROCESS.

We might furnish a long list of certificates as to their great durability, but we prefer to have planters and farmers satisfy themselves by a trial. One trial will be sufficient. These points can be worked by any smith familiar with working steel.

B. F. AVERY & SONS'



No. 1-2, NEW SERIES—CAST.

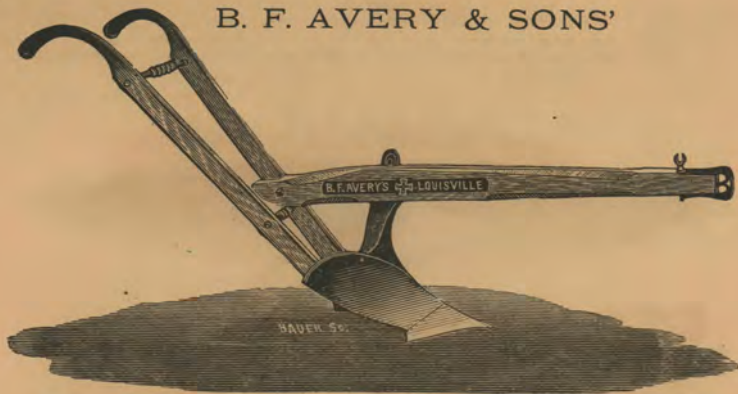
Light One Horse—7 inch Cut.

Price,	with cast iron point and one extra cast iron point,	\$5.50.
“	“ cast steel “ “ cast steel “	\$6.50.

This is the smallest Plow of this series. The model is an improvement on the “Old Series,” these Plows being of lighter draft than corresponding sizes of that series, at the same time turning the earth more perfectly and uniformly. The elevating and turning lines of the moldboards are beautifully drawn, and the work done is correspondingly attractive.

These Plows are made under Patents of January 8th, 1856, October 25th, 1859, and May 25th, 1869.

B. F. AVERY & SONS'



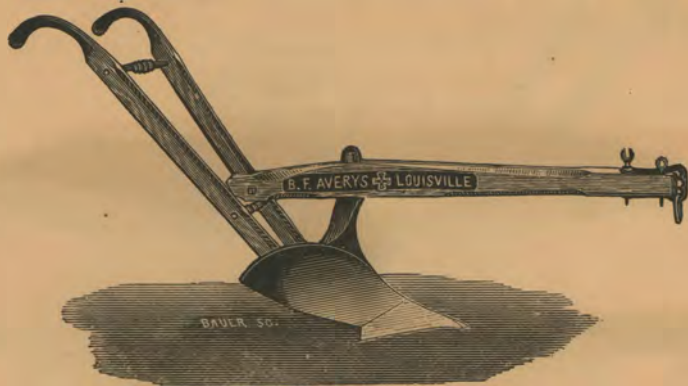
No. 1, NEW SERIES—CAST.

One Horse—8 inch Cut.

Price, with	cast iron point and one extra cast iron point,	\$3.75.
"	" cast steel " " " cast steel "	\$7.05.

All the points to this series have been strengthened, adding slightly to their cost and greatly to their durability.

B. F. AVERY & SONS'



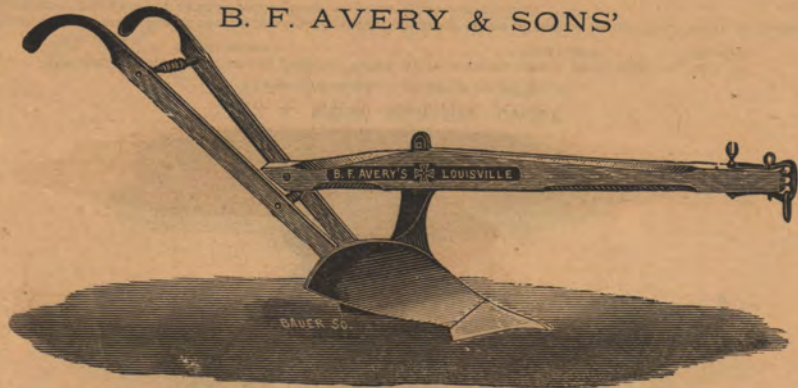
No. 2, NEW SERIES—CAST.

One Horse or Light Two Horse—8 inch Cut.

Price, with cast iron point, and one extra cast iron point, \$6.75.
" " cast steel " " " cast steel " \$8.60.

This Plow has the same model as the preceding, being slightly enlarged except in width of cut. The turning lines are carefully preserved, and the most effective work is accomplished with light draft.

B. F. AVERY & SONS'



No. 3, NEW SERIES—CAST.

Two Horse—Right Hand—9 inch Cut.

Price, with cast iron point, and one extra cast iron point, \$7.80.
“ “ cast steel “ “ “ cast steel “ \$9.80.

This has the same model as the others of this series, and will be found to work extremely well in old lands or in light sods, turning the furrow well and scouring perfectly. This is one of the popular sizes of this model.

B. F. AVERY & SONS'



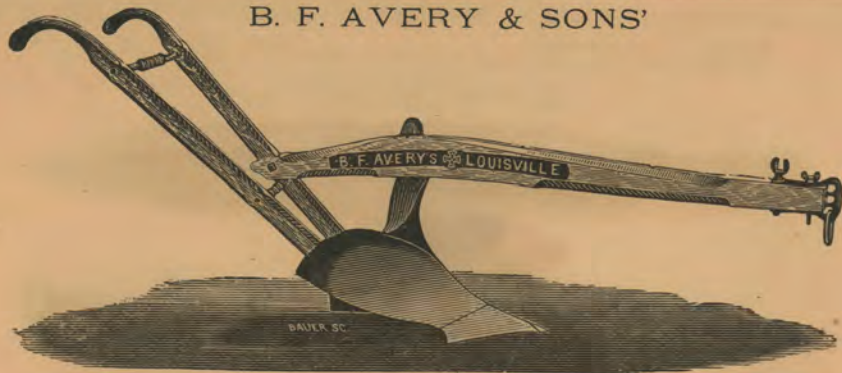
No. 3, NEW SERIES—CAST.

Two Horse—Left Hand—9 inch Cut.

Price,	with	cast iron point,	and one extra	cast iron point,	\$7.80.
"	"	cast steel	"	"	cast steel
					\$9.80.

This model is constructed on the same principles as the right hand plows of this series. These left hand plows have been steadily growing in popularity, and the demand for them is constantly increasing.

B. F. AVERY & SONS'



No. 4, NEW SERIES—CAST.

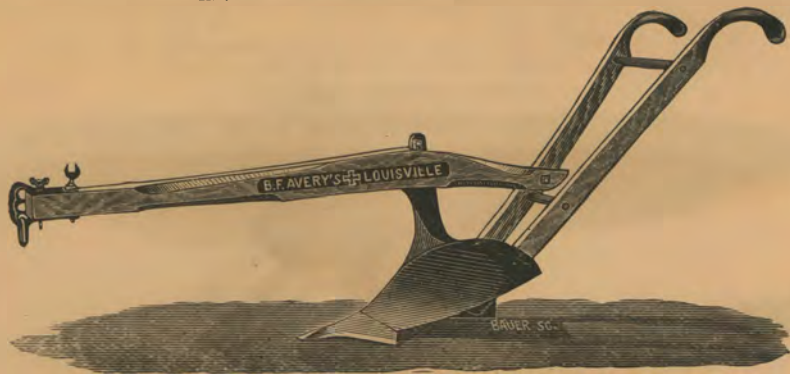
Two Horse—Right Hand—9 inch Cut.

Price, with cast iron point, and one extra cast iron point, \$10.00

“ “ cast steel “ “ “ cast steel “ \$12.10

These Plows work well in sod. They will turn a much wider furrow than their width of cut would indicate. When supplied with coulter they work exceedingly well in sod, cleaning perfectly in the most adhesive and sticky loams, while in stubble lands they cover all weeds and leave the earth in the best of order.

B. F. AVERY & SONS'



No. 4, NEW SERIES—CAST.

Two Horse—Left Hand—9 inch Cut.

Price,	with	cast iron point,	and	one extra	cast iron point,	\$10.00.
"	"	cast steel	"	"	cast steel	" \$12.10.

This plow corresponds in size with the right hand, No. 4, and will be found to do its work equally well.

B. F. AVERY & SONS'



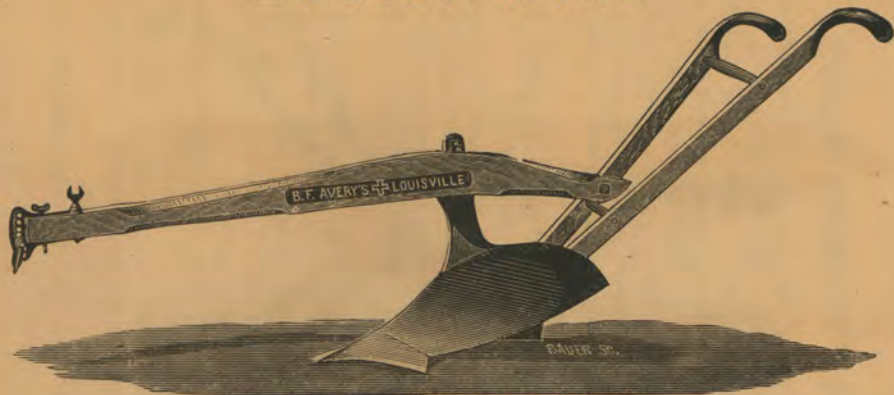
No. 5, NEW SERIES—CAST.

Two or Three Horse—Right Hand—10 inch Cut.

Price, with cast iron point, and one extra cast iron point, \$11.45.
" " cast iron " " cast steel " \$13.65.

These Plows are high in the moldboard and standard, and are designed for deep and heavy work. They are especially desirable for old lands, being thorough pulverizers and deep workers, carrying furrow slices from 12 to 14 inches wide and 5 to 10 inches deep and scouring perfectly, being also of light draft.

B. F. AVERY & SONS'



No. 5, NEW SERIES—CAST.

Two or Three Horse—Left Hand—10 inch Cut.

Price,	with	cast	iron	point,	and	one	extra	cast	iron	point,	\$11.43.
"	"	cast	steel	"	"	"	"	cast	steel	"	\$13.63.

This Plow does its work as well as the right hand of the same number. It will be found to work well in any soil in which cast plows will scour.

B. F. AVERY & SONS'

STEEL TURNING PLOWS.

A year's trial of this series of Wrought Standard Steel Plows has fully established them in the market. They have become very popular, and the demand for them has far exceeded our expectation. While they are very light, they are found to be abundantly strong. The models are conceded to be the best yet produced, and they are superseding other well established plows wherever they have become known.

They have movable points as heretofore, and will be found first-class in every respect.

The standards are rolled with round edges and are high and curved, so as to allow all trash to pass without lodging; and the moldboard handle is straight, standing clear from the moldboard, so that it never clogs.

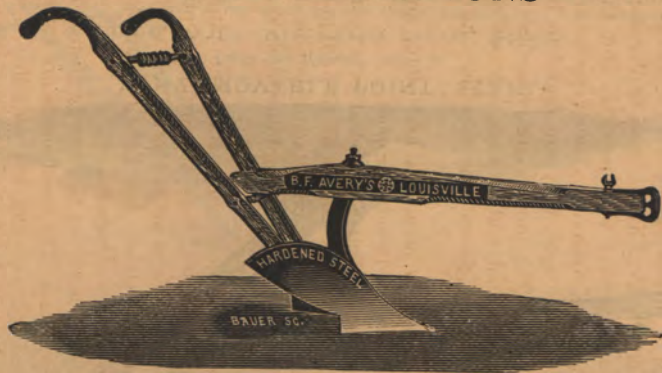
The standards run close under the front cutting angle of the moldboard, thus supporting it perfectly, and the landside is welded to the foot of the standard, making a strong and light construction which has never been surpassed.

These Plows are made of the best English Plow Steel, highly polished. The moldboards are EXTRA HARDENED and will scour in any soil; the points are hardened, and the landsides are now furnished with a HARDENED STEEL HEEL.

Any part of these Plows can be duplicated from the Factory at small cost.

The Cast Standard Plows, already well known, will be found quoted in Price List.

B. F. AVERY & SONS'



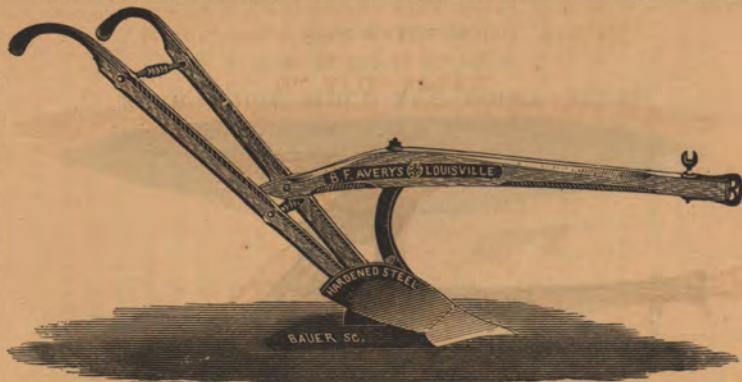
STAR—SOLID MOLD AND POINT—STEEL.

Light One Horse—6 1-2 inch Cut.

Price, \$7.25.

This Plow is intended for cultivating purposes only—for Nurserymen, Gardeners, Corn, Cotton and Tobacco planters
The cost is very small.

B. F. AVERY & SONS'



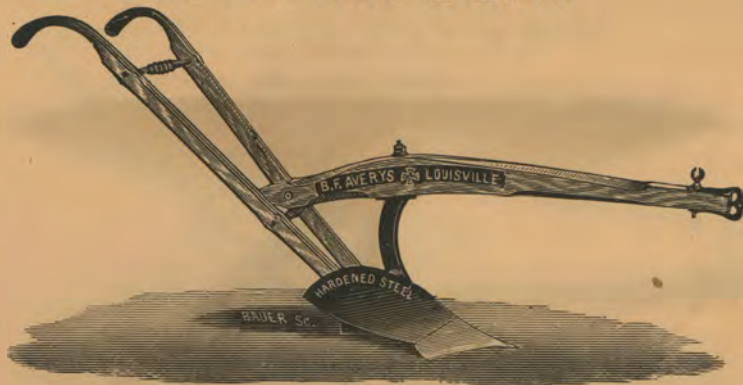
PONY—MOVABLE POINT—STEEL.

Light One Horse—7 inch Cut.

Price, with one extra point, \$8.63.

A large number of these Plows have been in use during the past season, and they have been pronounced, without exception, "*the Best Cultivating Plow ever used.*" They are especially adapted to hilling up and will be found very valuable to Corn, Cotton and Tobacco planters. The movable point gives the plow great wearing qualities.

B. F. AVERY & SONS'



No. A. O.—STEEL.

One Horse—7 1-2 inch Cut.

Price, with one extra point, \$10.15.

This Plow is the model of our No. 1, New Series—Cast, slightly widened in cut, and is well adapted to the cultivation of corn and cotton. An extra share is furnished with each Plow sold. The extra shares are all duplicates, and are welded to a strong point, making them far more valuable than the ordinary slip shares.

B. F. AVERY & SONS'



No. B-O—STEEL.

One Horse or Light Two Horse—8 inch Cut.

Price, with one extra point, \$11.35.

Designed for either stubble or light sod, doing both kinds of work in the most perfect manner; very light draft; scours in any soil. This Plow does decidedly more work than its width of cut would indicate.

B. F. AVERY & SONS'



No. C-O—STEEL.

Two Horse—Right Hand—8 1-2 inch Cut.

Price, with one extra point, \$13.75.

This is a popular size of our Steel Series, does its work well and scours perfectly. We make these Plows with the Sod Knife, running down in a regular curve from the standard to the top of the share. They are very strong and do excellent work.

B. F. AVERY & SONS'



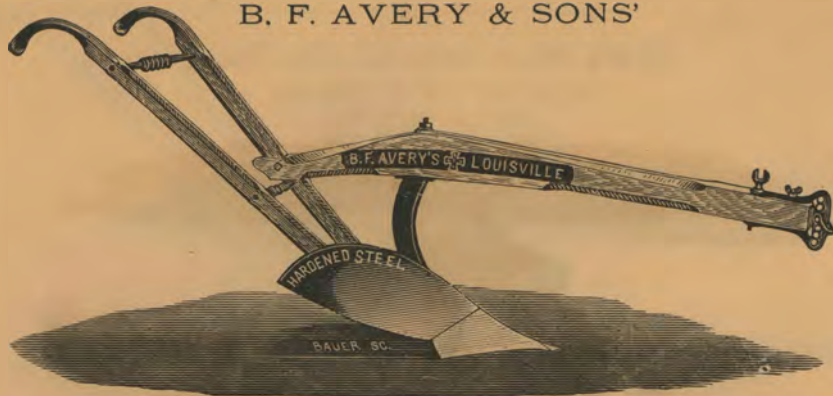
No. C-O—STEEL.

Two Horse—Left Hand—8 1-2 inch Cut.

Price, with one extra point, \$13.75.

The demand for left hand Plows has been so increased that we have brought out left hand Plows of all the two horse sizes of this series.

B. F. AVERY & SONS'



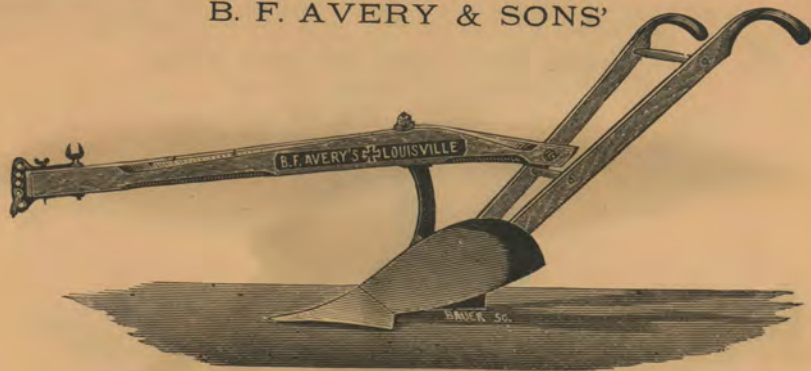
No. D-O—STEEL.

Two Horse—Right Hand—9 1-2 inch Cut.

Price, with one extra point, \$17.20.

This Plow is well adapted for either stubble or sod. It turns its furrow slice perfectly, and in foul lands needs no drag chain for covering weeds. We make the Sod Knife with this size also. Remember, all these Plows do more work than others rated at the same width.

B. F. AVERY & SONS'



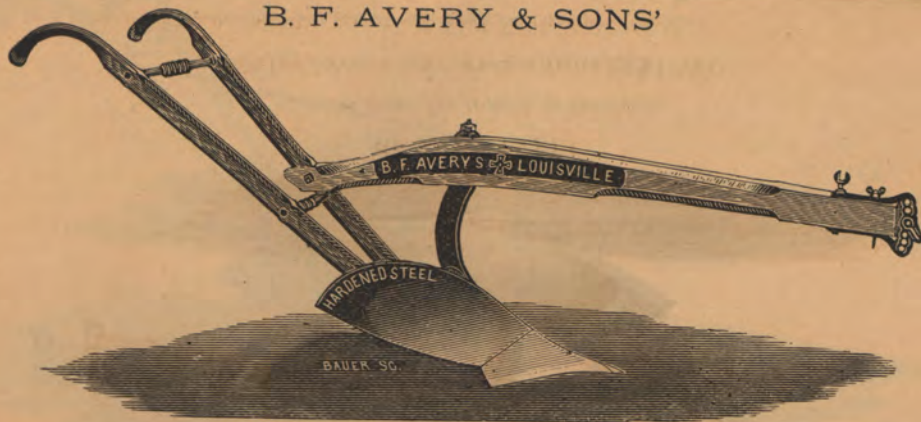
No. D—O—STEEL.

Two Horse—Left Hand—9 1-2 inch Cut.

Price, with one extra point, \$17.20.

The Sod-Knife, Bar Coulter or Castor Coulter can be attached to any of these Plows.

B. F. AVERY & SONS'



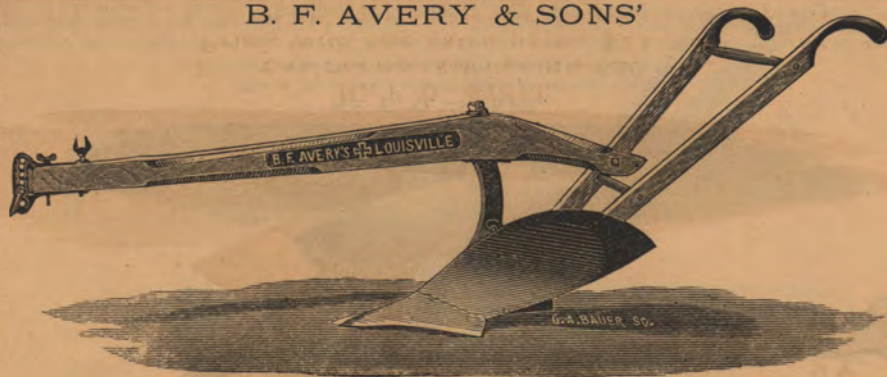
No. E. O.—STEEL.

Two or Three Horse—Right Hand—10 1-2 inch Cut.

Price, with one extra point, \$20.00.

This Plow, when rigged with wheel and coulter, is one of the best Sod Plows made. It also works well in any old lands or tame grass lands, plowing deep and pulverizing thoroughly. The wheel will be found a great advantage, regulating the depth and steadying the draft upon the team. The castor-rolling coulter, a cut of which will be found elsewhere, works admirably on any of these two-horse plows.

B. F. AVERY & SONS'



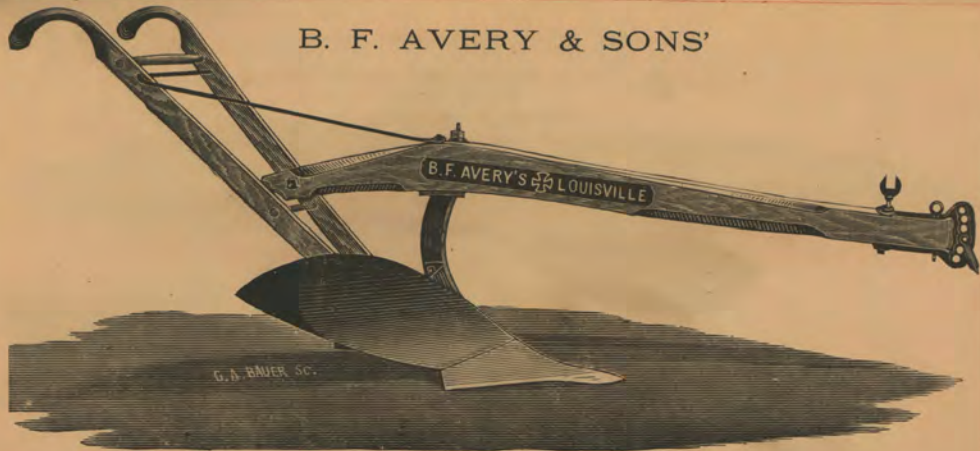
No. F-O—STEEL.

Two or Three Horse—Left Hand—10 1-2 inch Cut.

Price, with one extra point, \$20.00.

All these plows are now furnished with a HARDENED STEEL HEEL.

B. F. AVERY & SONS'



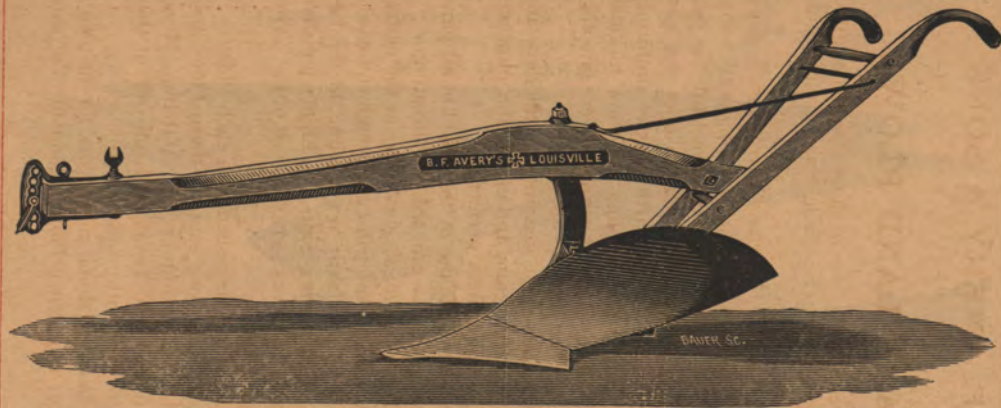
No. F. O.—STEEL.

Two or Three Horse—Right Hand—12 inch Cut.

Price, with one extra point, \$24.00.

The smaller Plows of this series were found to run with such ease, that a demand was made for a larger Plow. To answer the demand this Plow has been made, and it will be found to supply a want long felt.

B. F. AVERY & SONS'



No. F-O—STEEL.

Two or Three Horse—Left Hand—12 inch Cut.

Price, with one extra point, \$24.00.

These Plows have all the latest improvements. The handles are strongly braced for heavy work. They work well in sod and stubble.

B. F. AVERY & SONS'

BLACK LAND PLOWS.

WE present four sizes of these Plows, designed expressly for the black, waxy prairie lands of the South.

The model is low, long and narrow, with sharp cutting angles and long point running well under the soil. The moldboard is narrow and has but little curve, being so formed as to offer the least possible resistance. The earth presses uniformly upon every part, thus enabling the Plow to clean itself. The furrow slice is turned over smoothly and left flat. The handles are long.

All these features give steadiness to the Plow and ease of draft to the team, and enable the plowman to control his implement perfectly.

We recommend the use of the wheel in all plowing; though it may be omitted in cultivating.

No coulter is required, generally, as the cutting angle is very sharp, and will cut through sod easily.

These Plows are made very strong, of the best plow steel, EXTRA HARDENED and highly polished, AND THEY ARE WARRANTED TO SCOUR. They never clog.

An extra point is furnished with each Plow.

During the past two seasons these Plows have been used in large numbers in Alabama, Mississippi, Louisiana and Texas, and not one of them has failed to give entire satisfaction.

These Plows will do far more work for their width of cut than any other Plows made for the same purpose.

B. F. AVERY & SONS'



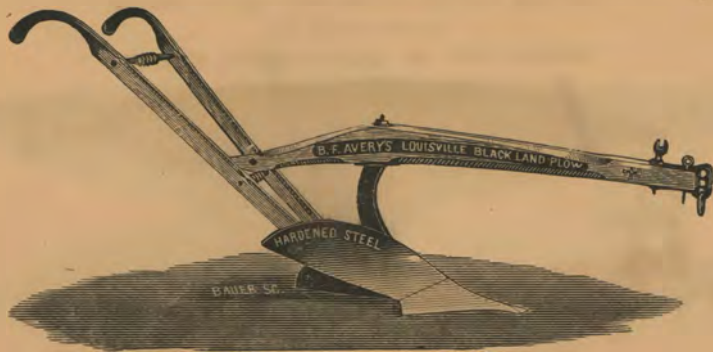
BLACK LAND PLOW, No. 20-0—STEEL.

One Horse—7 inch Cut.

Price, with one extra point, \$11.00.

This is a most excellent cultivating Plow, doing its work easily, handsomely and thoroughly. It has been found to work well in any condition of the waxy land.

B. F. AVERY & SONS'



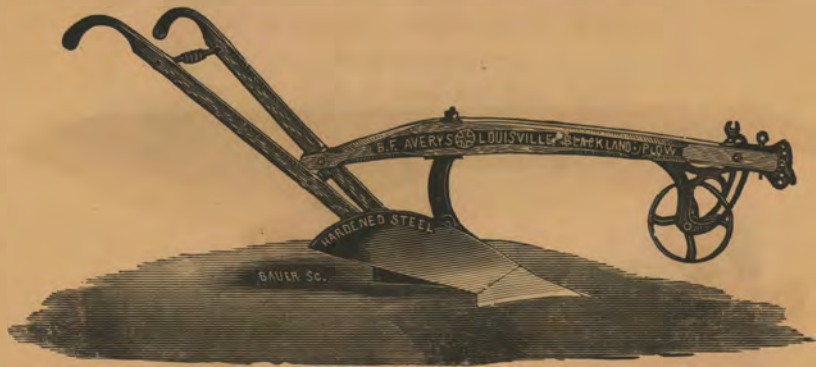
BLACK LAND PLOW, No. 30-0—STEEL.

Light Two Horse—7 1-2 inch Cut.

Price, with one extra point, \$14.10.

This is a superior cultivating Plow for the black land.

B. F. AVERY & SONS'



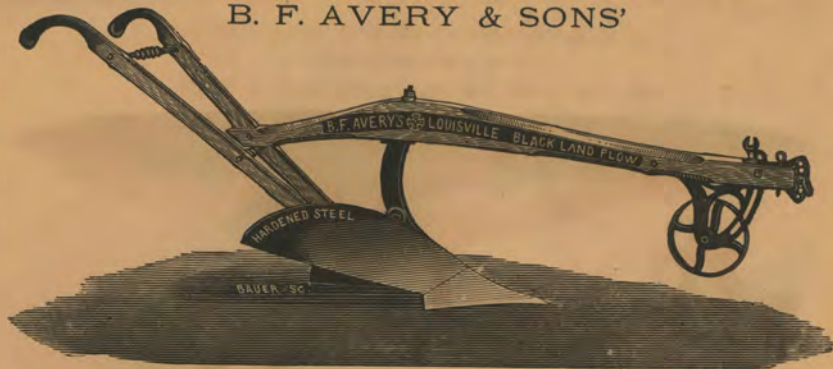
BLACK LAND PLOW, No. 40-0—STEEL.

Two Horse—8 inch Cut.

Price, with one extra point, \$15.50.

This Plow has the same model as the No. 30-0, somewhat enlarged.
For general work in these waxy lands it has no superior.

B. F. AVERY & SONS'



BLACK LAND PLOW, No. 50-0—STEEL.

Four Horse—9 inch Cut.

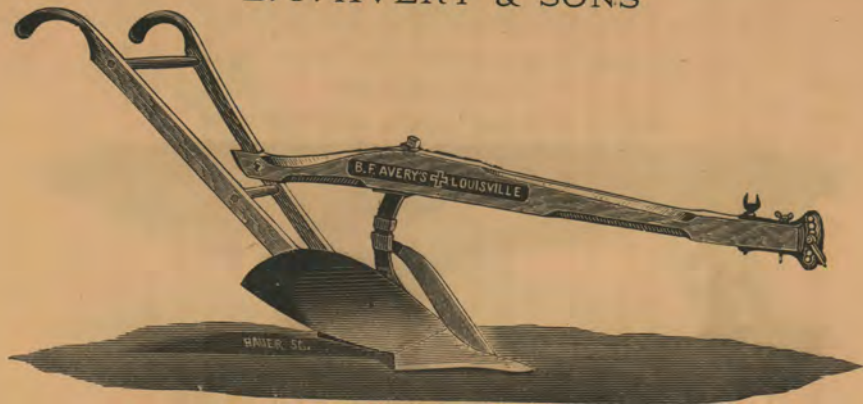
Price, with one extra point, \$19.50.

This Plow is intended for general breaking and plowing purposes.

The draft is very light, and the character of the work done is excellent.

It does fine work in sugar lands, though the sugar land Plows are designed to throw a higher bed.

B. F. AVERY & SONS'



SOD-KNIFE.

For Wrought Standard Steel Plows.

Price of Sod-Knife, \$1.85.

This Sod-Knife is seated in a clip at the top and dowed in the point, rendering it solid. It is easily removed when plowing stubble land. When replaced it is always right. We can supply them with any size of the Wrought Standard Plows.

SUGAR LAND PLOWS.

THESE Plows are designed expressly for the cultivation of Sugar lands. They are made of the best English Cast Steel, are hardened and highly polished.

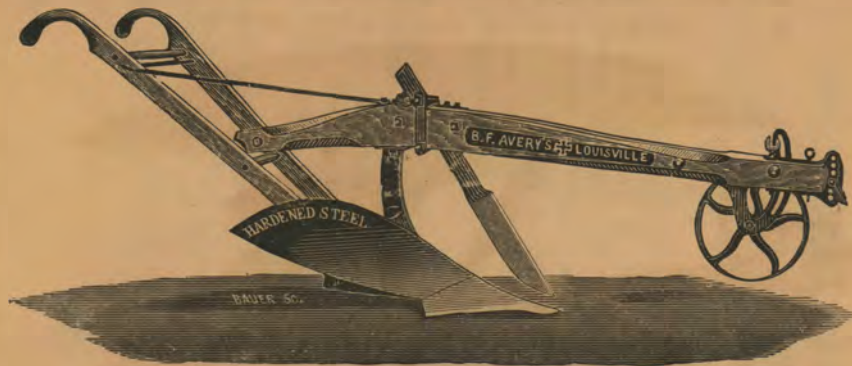
The model is long and slim, has sharp cutting angles and runs through the ground with much less draft than those which present a bold, abrupt front to the furrow slice, and have convex cutting angles.

An important feature of these Plows is, they have high standards which allow them to clear themselves of all trash, such as weeds, stalks and the like.

The points are made of steel, and are adjustable, every one being an exact duplicate of every other of the same No., and these duplicates can be had of the merchant, or can be obtained from the factory. An extra point is furnished with each plow sold.

Their sharp cutting angles render a coulter unnecessary in most, if not in all cases. We furnish them with or without a wheel. These plows throw a high bed, pulverize the earth well, scour in the most adhesive soil, and are warranted in every respect.

B. F. AVERY & SONS'



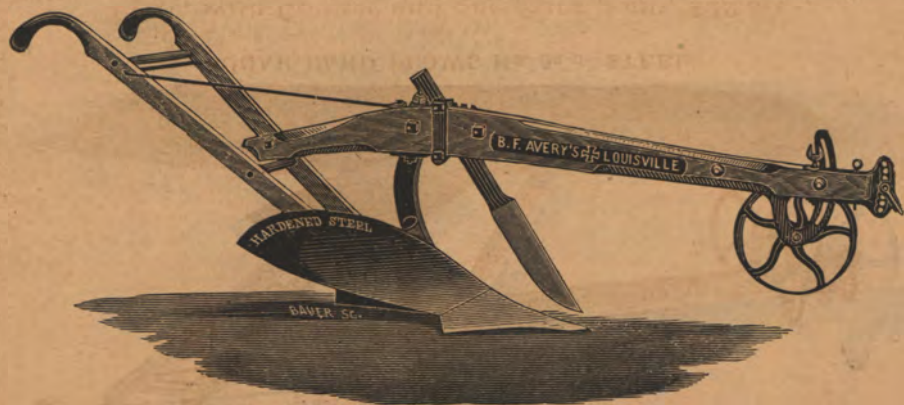
SUGAR LAND PLOWS No. 60-0—STEEL.

9 inch Cut.

Price, with Coulter and one extra point, \$22.50.

The above cut represents the smallest size of our Sugar Land Series. It is the regular two horse, and may be used for breaking as well as cultivating. Where a lighter Plow is required, we would recommend a suitable size of our Wrought Standard Series of Steel Plows. The Sugar Land Series throw a higher bed than the Black Land Series.

B. F. AVERY & SONS'

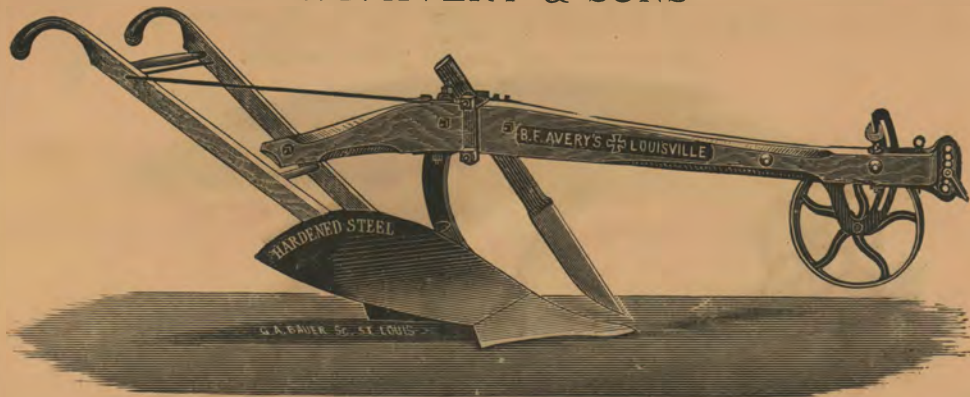


SUGAR LAND PLOW, No. 70-0—STEEL.
10 inch Cut.

Price, with Coulters and one extra point, \$25.10.

This Plow is the same in model as the No. 60-0, but is one size larger. It is a heavy two, or a light four horse. All the Plows of the Sugar Land Series are the same in model and differ only in size.

B. F. AVERY & SONS'



SUGAR LAND PLOW, No. 80-0—STEEL.

11 inch Cut.

Price, with Coulter and one extra point, \$29.00.

This Plow is one size larger than the No. 70-0, and is the largest of the Sugar Land Series. It is designed for four horses, but six may be used if necessary. All the Plows of this series do splendid work in both light and heavy soils, and will be found lighter in draft, and to do better work, than any heretofore put on the market.

B. F. AVERY & SONS'



COULTER CLEANING ATTACHMENT.

For use with Bar Coulters.

Price, \$1.25.

This Attachment can be fastened to any Plow without the slightest trouble, and will effectually prevent grass, weeds or stubble from gathering under the beam and choking up the coultter. Many ineffectual attempts have been made by Plow manufacturers to remedy the evils which this Attachment overcomes. Farmers acknowledge that it saves its cost every day, in trashy ground.

B. F. AVERY & SONS'

CULTIVATING IMPLEMENTS.

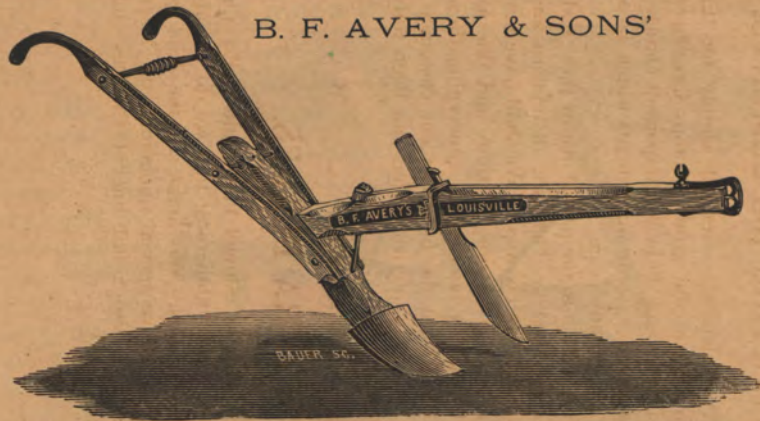
MANY implements intended simply for the cultivation of the growing crops have been lately designed: and slight but important changes have been made in some implements which have been in use for many years.

We call attention to the partial list of these Cultivators herein shown. They are all modern and popular, and all largely used. We shall have new ones to present from time to time, and this we shall do by placing information concerning these changes, directly in the hands of our customers. We shall offer nothing which has not been fully tested and found right.

EXTRA BLADES.

THE patterns of Shovel Plows and Cultivator Blades are so numerous, that we do not attempt to give cuts. We make all the leading styles, and will give special quotations on large lots. We have also a full line of Clevises and Plow Bolts.

B. F. AVERY & SONS'



SINGLE SHOVEL PLOW.

Price, without Coulters and Band, \$

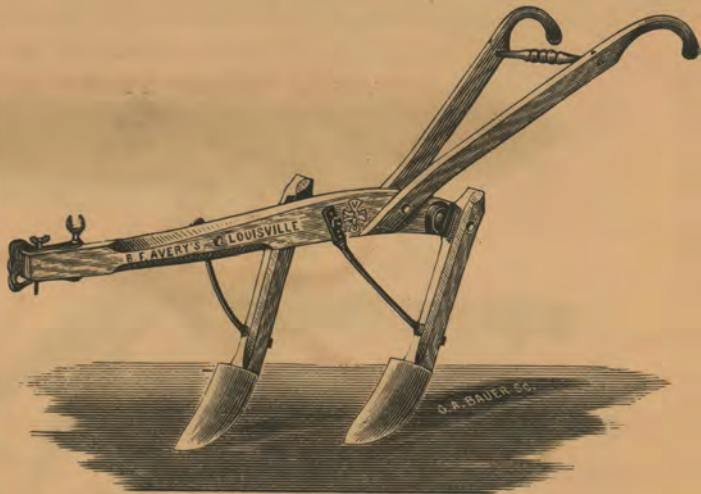
Price of Coulters and Band, . . \$

We make these Plows with wood stock as shown above, and with or without coulters. The blades are either iron or steel, and the sizes are 8, 10, 12 and 14 inches. The blades are all highly polished and varnished, and the steel blades are hardened. We make an extra shovel as shown in our price list. The Bull-Tongue, Buzzard-Wing and Solid Sweep may also be attached to this stock

This Plow can be regulated by the brace rods so as to run deep or shallow, the Standard turning easily upon its spool for that purpose. It is light and strong, and the shovels are of the best plow steel, highly polished. These double shovel plows are among the best cultivating implements made. Their draft is very light. For destroying weeds and deep tilling they are justly held in high esteem.

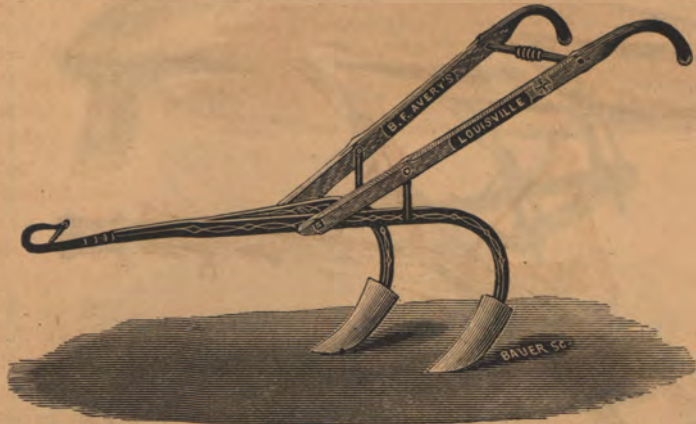
Price \$

B. F. AVERY & SONS'



WOOD BEAM DOUBLE SHOVEL PLOW.

B. F. AVERY & SONS'



IRON BEAM DOUBLE SHOVEL PLOW. Price \$

This Plow is made strong, with blades either flat or ridged as desired. It is preferred by some planters to the Common Wood Beam, as it is claimed to be less liable to choke in rubbish.

B. F. AVERY & SONS'



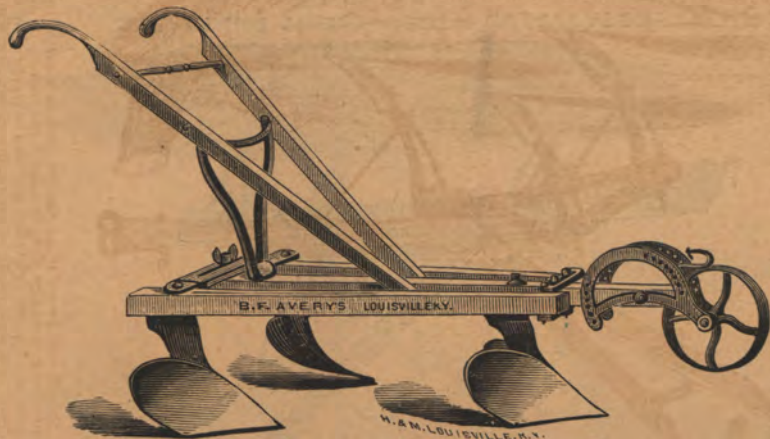
EXPANDING TRIPLE SHOVEL PLOW. Price \$

The Shovels may be run at any desired distance apart by turning the thumb screw at the top of the Standards and moving the Standards out or in as desired. The pitch may also be regulated by means of the brace rods, so as to run at any depth desired. It is light and high, and can not clog in foul lands. As a light cultivator it has no equal.

It is an excellent implement for preparing ground for grain.

The Standards are now made of malleable iron and are warranted. Teeth furnished of any desired pattern.

B. F. AVERY & SONS'



EXPANDING HORSE HOE. Price \$

This implement, by means of the draft attachment and wheel, can be perfectly regulated as to depth, and under the influence of the wheel it runs with all the steadiness of a plow. The width can also be regulated. The blades are of polished steel. In cultivating young crops the rights and lefts may be changed to turn the earth from the row.

B. F. AVERY & SONS'

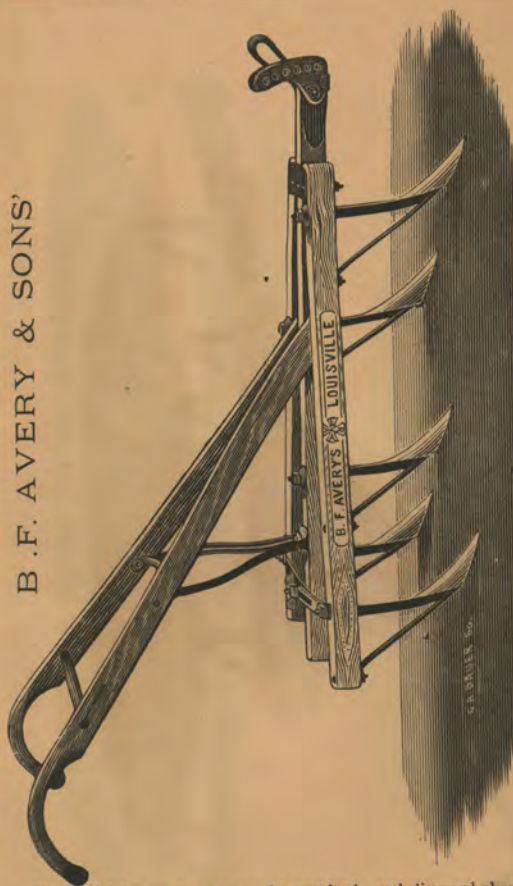


EXPANDING THREE TOOTH CULTIVATOR.

Price, \$8.00.

This Cultivator is made for general work, and with especial reference to lightness. The flat and oval blades are furnished at the same price, and the order should specify which is desired. It covers the same space as the Five Tooth Cultivator.

B. F. AVERY & SONS'

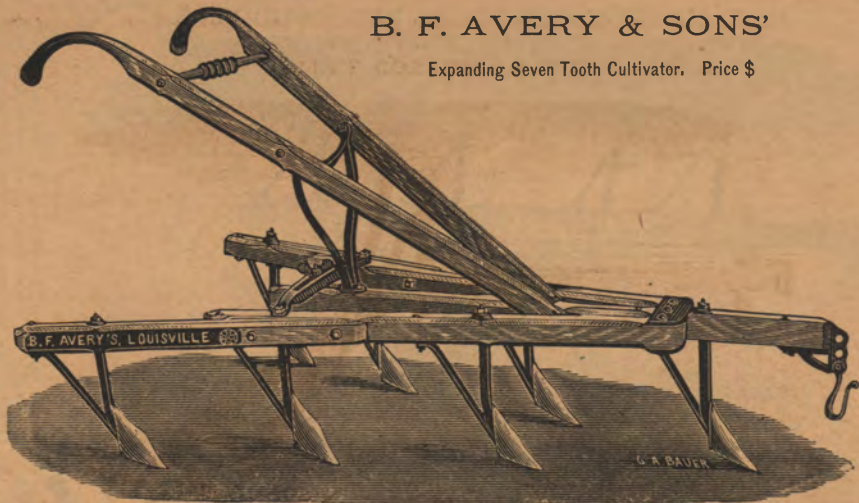


EXPANDING FIVE TOOTH CULTIVATOR. Price \$

These Cultivators have wrought standards, and diamond shaped reversible steel points. The whole construction is very light and strong. An excellent light harrow may be made by removing the steel points. The wheel will be found to improve its working qualities, giving regularity of depth and ease of draft. The Cultivator can be expanded to suit the space between the rows.

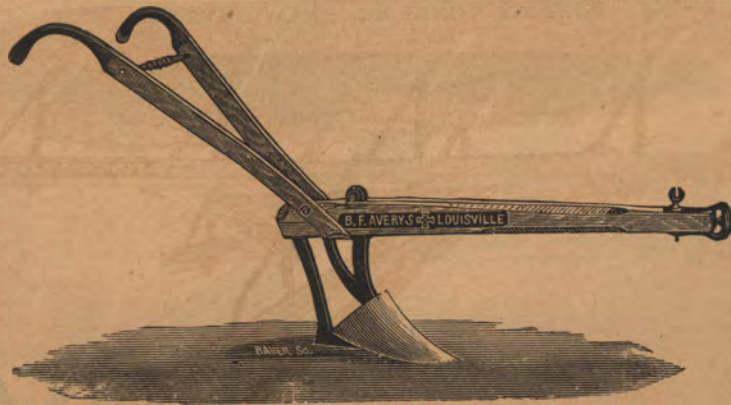
B. F. AVERY & SONS'

Expanding Seven Tooth Cultivator. Price \$



The two rear teeth are made to detach, leaving a five tooth cultivator. This is an excellent implement for killing grass or weeds, or for harrowing in grain on fallow ground.

B. F. AVERY & SONS'



STEEL COTTON SWEEP. Price \$

These Blades are made of superior steel, hardened and highly polished. We make extra blades to order.

B. F. AVERY & SONS'



BUZZARD WING, OR DIXON SWEEP. Price \$

Some Planters prefer this to the Solid Sweep. We make the blades any size desired, from 16 to 28 inches.

B. F. AVERY & SONS'



STEEL COTTON SCRAPER. Price \$

These Blades are also of Steel, hardened and polished. The standard is slotted, so that the blade can be moved down as it wears, and as these hardened blades wear sharp, they can be used a long time without requiring any smith's work.

B. F. AVERY & SONS'

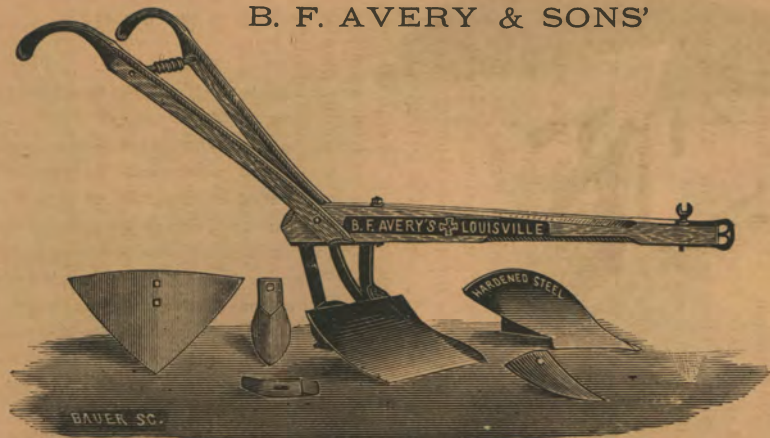
OUR "Combination," which was Patented Aug. 31st, 1869, is a Turning Plow, a Scraper, a Sweep, a Shovel Plow and a Bull Tongue—five implements with one stock.

The Plow is attached to the Standard with two bolts ; the Scraper with two bolts ; the Sweep with two bolts ; the Shovel and Bull Tongue with one bolt each. The Buzzard Wing, the Half Shovel, and the Scooter may also be attached, if desired.

The cutting or rudder wheel guides the implement perfectly and acts as a fulcrum, a slight pressure upon the handles by the operator giving the Plow any direction desired. The wheel at the same time holds the Scraper or Sweep in line, effectually preventing the implement from shooting into the cotton row and cutting the young plants, while it can be run so close to the row as to destroy all weeds. The blades can be changed in a few seconds, and the whole thing is so simple that it can be operated by a child. We believe it the cheapest and most perfect Cotton Cultivating Implement made.

Old planters have pronounced it a perfect success, and have expressed the opinion that it will prove the most popular implement we have ever made.

B. F. AVERY & SONS'



COMBINATION COTTON PLOW.

Price Complete \$

The above cut represents our Combination with its attachments.
The Standard has been strengthened and the turning plow added.

B. F. AVERY & SONS'

STEEL WING POTATO DIGGER.

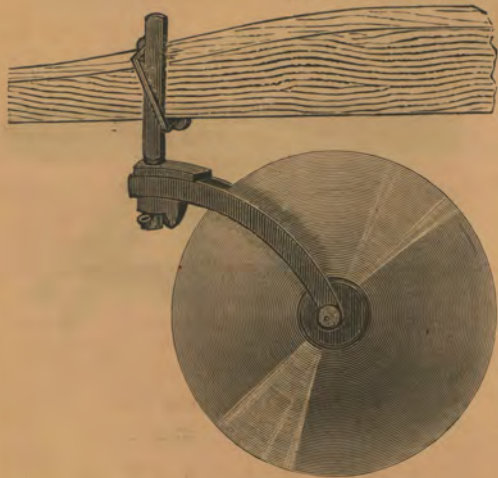
One man with a team can dig as fast as fifteen can pick up. The potatoes are gathered without being cut or bruised, and cleaner than is usually done with a hoe. It will pay for itself in digging four acres. For digging sweet potatoes, we have abundant testimony that it is equally valuable. The rudder on the standard can be lowered so as to run the plow in a perfect line. The Digger attached to a pair of horses is run immediately under the row, lifting the potatoes entirely out at one operation. Dig alternate rows.

When potatoes are planted in drills the use of the coulter wheel saves all expense of cutting or pulling vines. The wheel opens a way for the Digger to pass and the vines are left on either side.

Price, \$

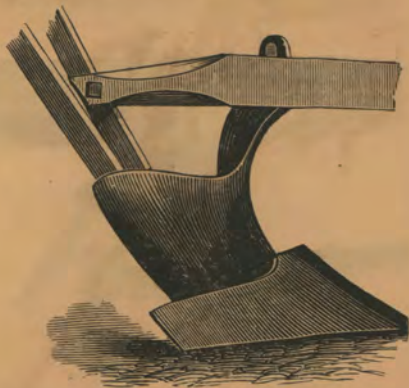


B. F. AVERY & SONS'



CASTOR-ROLLING-COULTER.

This is the best Coulter in use.



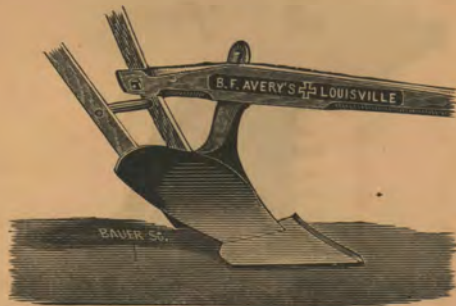
Cast Cotton Scraper Attachment for our No. 8 Plow.

The point is removed and the scraper fastened with a single bolt. They will be found very serviceable, and having our chilled edges they wear exceedingly well.

B. F. AVERY & SONS'



No. 1-2,



No. 1.

CAST COTTON SCRAPER ATTACHMENT.

These Attachments are polished and work extremely well in any soil where cast iron will scour.

B. F. AVERY & SONS'

RETAIL CASH PRICE LIST. PLOWS.

OLD SERIES--CAST.

Number.	Plow and Extra Point.	Points.	Land Sides.	Mold Boards.		Scraper Attachment.
No. 13	\$5 50	30	55	\$2 10		
No. 8	5 75	35	55	2 40		75
No. 11	5 75	35	55*	2 40		
No. 19	6 30	40	65	2 50		
No. 7	6 75	45	65	2 85		
No. 20	7 45	60	85	2 90		
No. 12	7 60	60	90	3 30		
No. 21	10 00	70	1 40	4 40	R. & L. H. {	Cutter Point
No. 15	10 00	70	1 15	5 05		R. H. 1 00

* The No. 8 Land Sides are used on all No. 11 Plows made since January, 1866.

NEW SERIES--CAST.

Number.	Plow and Extra Point.	Points.	Land Sides.	Mold Boards.		Scraper Attachment.
No. 1½	\$5 50	30	60	\$2 25		75
No. 1	5 75	35	65	2 40		75
No. 2	6 75	45	80	2 55		
No. 3	7 80	55	95	3 30	R. & L. H.	
No. 4	10 00	65	1 38	4 50	" "	
No. 5	11 45	80	1 55	5 10	" "	

B. F. AVERY & SONS'

CAST PLOW WITH STEEL POINT.

No. IX, with Steel Point attached, and extra Cast Point,---	\$6 70
Extra Steel Point,-----	1 15
Extra Cast Point,-----	35

Cast Plows with Cast Cast-Steel Points.

Number.	Plow with Steel Point & Extra Steel Point.	Steel Point.	Cast Point Extra.
No. 1/2	\$6 50	75	30
No. 1	7 05	95	35
No. 2	8 60	1 30	45
No. 3	9 80	1 45	55
No. 4	12 10	1 60	65
No. 5	13 65	1 75	80

STEEL PLOWS--CAST IRON STANDARDS.

Number.	Plow and Ex- tra Point.	Steel Mold Boards.	Steel Points.	Cast Stand'ds.	Cast Slides.
No. A.	\$9 85	\$2 70	\$1 10	\$1 55	25
No. B.	11 00	3 00	1 25	1 75	25
No. C.	12 20	3 50	1 65	2 10	30
No. D.	14 90	4 50	1 75	2 45	45
No. E.	18 60	5 65	2 20	3 40	50

} With Sod Knife
\$1 85 extra.

Black Land Plows--Cast Iron Standards.

Number.	Plow and Ex- tra Point.	Steel Points.		
No. 30	\$13 00	\$1 65		
No. 40	15 00	1 90		
No. 50	18 00	2 20		

Wheel extra, \$1 75

B. F. AVERY & SONS'

STEEL PLOWS--WROUGHT IRON STANDARDS.

Number.	Plow and Extra Point.	Steel Points.		
Pony	\$8 65	\$1 10		
A. O.	10 15	1 10		
B. O.	11 35	1 25		
C. O.	13 75	1 65	With Sod Knife, \$185 extra.	R. & L. H.
D. O.	17 20	1 75	" " " " "	" "
E. O.	20 00	2 20	" " " " "	" "
F. O.	24 00	3 00	" " " " "	" "

Star Plow--Wrought Iron Standard.

Solid Mold and Point,----- \$7 25

Black Land Plows--Wrought Iron Standards.

Number.	Plow and Extra Point.	Steel Point.	
20.0.	\$11 00	\$1 10	
30.0.	14 00	1 65	
40.0.	16 50	1 95	Wheel extra, \$1 75.
50.0.	19 50	2 20	

Sugar Land Plows--Wrought Iron Standards.

Number.	Plow and Extra Point.	Steel Points.	COULTERS AND WHEELS.
			Standing Coulter and Band,-----\$2 50
			Caster Rolling-Coulter and Band,-- 7 00
60.0	\$20 00	\$2 20	Wheel and Bolts,----- 1 75
70.0	22 60	2 75	Coulter Cleaning Attachment,----- 1 25
80.0	26 50	3 35	

Pea Vine Cutters for Sugar Land Plows.

18 inch,	\$14 00
20 "-----	16 00
22 "-----	17 25
24 "-----	23 50
26 "-----	27 00

B. F. AVERY & SONS'

CULTIVATING IMPLEMENTS.

SHOVEL PLOWS.

Shovel Plow (common), Steel Blade,	\$6 25
Shovel Plow " Iron Blade,	5 75
Coulter and Band,	1 50

EXTRA SHOVELS.

8 inch hardened Steel,	\$2 00	Iron,	\$1 50
10 " " "	2 05	" "	1 55
12 " " "	2 30	" "	1 80
14 " " "	2 30	" "	1 80

BULL TONGUE PLOWS.

Bull Tongue Plows, (common),	\$6 00
" " Blade extra—wrought-iron,	1 20
" " " "—cast-iron,	60
Coulter and Band,	1 50

DOUBLE SHOVELS.

Double Shovel (Wood Beam,) Steel Blades,	\$7 00
Double Shovel (Iron Beam,) Steel Blades,	9 50

TRIPLE SHOVELS.

Expanding Triple Shovel, (same with single blade in rear,)	\$10 75
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HORSE HOE.

Horse Hoe with Draft Bar,	\$10 00
" " " Wheel,	11 25

POTATO DIGGER.

Potato Digger with Cutter Wheel,	\$20 50
" " without Cutter Wheel,	15 25
Points,	1 25
Vine Cutter,	7 50

CULTIVATORS.

Seven Tooth Cultivator with Wheel,	\$14 75
" " " " Draft Bar,	13 50
Five " " " Wheel,	11 25
" " " " Draft Bar,	10 00
Three " " " " "	8 00
Standard and Tooth Diamond or Egg Pointed,	1 25
Tooth and Bolt,	1 00

COTTON SWEEPS.

Cotton Sweep, Iron Standard, Steel Blade,	\$7 00
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EXTRA STEEL BLADES.

14 inch, Polished,	\$2 15	20 inch, Polished,	\$2 90
16 " " "	2 40	22 " " "	3 00
18 " " "	2 65	24 " " "	3 15

Sweep Blades made to order. Extra Blades made with one hole unless otherwise ordered.

B. F. AVERY & SONS'

BUZZARD WING, OR DICKSON SWEEPS.

16 inch,	\$6 50	Extra Blades,	\$3 15
18 " "	6 90	" "	3 55
20 " "	6 95	" "	3 75
22 " "	7 55	" "	4 25
24 " "	8 00	" "	4 75
26 " "	8 50	" "	5 25
28 " "	8 85	" "	5 65

COTTON SCRAPER.

Cotton Scraper, Iron Standard, Steel Blades,	\$7 00
Scraper Blades, extra,	3 00

COMBINATION.

Complete Turning Plow, Scraper, Sweep, Shovel and Bull Tongue, with Blades hardened and polished,	\$15 25
Scraper, Sweep, Shovel and Bull Tongue,	11 75
Turning Plow (only) with Combination Standard,	7 25
Scraper " " " "	7 00
Sweep, " " " "	7 00
Shovel, " " " "	7 00
Bull Tongue, " " " "	6 25
Steel Scraper Blade, extra,	3 00
" Sweep " " (See Cotton Sweeps,)	
" Shovel " " (See Shovel Plows,)	

PLOW CLEVISES--MALLEABLE.

Half-Scotch, 2 Horse,	\$1 00
2 $\frac{1}{8}$ inch Beam, One Horse,	30
2 $\frac{3}{8}$ " " Two Horse,	40
2 $\frac{1}{2}$ " " " "	50
3 " " " "	60
Malleable S. Wrenches, fitting our Plows,	20
Lap Rings,	20

WROUGHT IRON PLOW CLEVISES.

One Horse,	\$0 50
Medium Two Horse,	60
Heavy Two Horse,	1 00

PLOW BOLTS.

For Points of Nos. 13 $\frac{1}{2}$, 1 and 2 L. H. Thread,	\$0 06
For Points of other sizes, L. H. Thread,	08
Plow Bolts, Right Hand Thread,	08

We have a large number of somewhat defective, rejected Beams and Handles, which we will sell at the following merely nominal prices:

Beams Nos. 13, 8, 19, 11 or 7—machine finished,	20 cents each.
Beams Nos. 3, 20 or 12, " "	25 cents each.
Handles Nos. 13, 8, 11, 19 or 7, " "	20 cts. per pair
Handles Nos. 20 or 12, " "	25 cts. per pair.

The foregoing prices are subject to chango, as the market changes, without notice



