

No. 1-B Hand Corn Sheller



OPERATORS MANUAL

No. 1-B Hand Corn
Sheller

OMC7258 (01FEB58) English

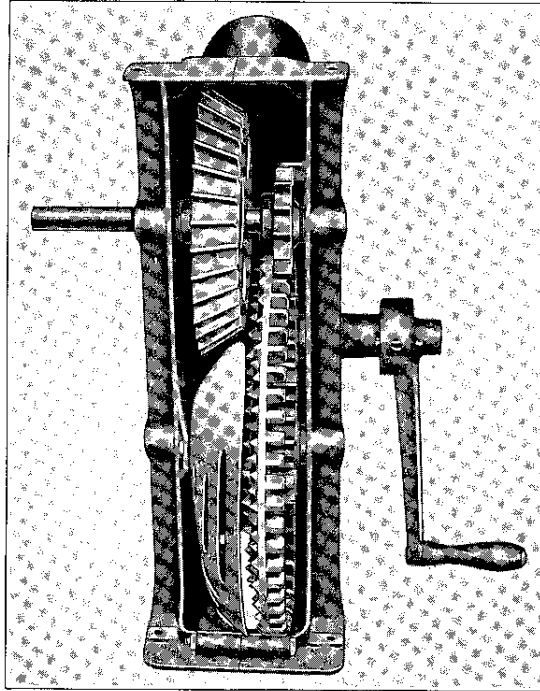
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WHY THE JOHN DEERE HAND SELLER RUNS EASIER

In the John Deere Hand Sheller, the shelling mechanism is carried in a two-piece cast-iron housing which keeps shaft and crank bearings in proper alignment at all times. The two-piece housing is accurately machined in a jig which bores and faces all bearings and bolt holes at one time. Shafts turn on high-grade bronze bearings, insuring smooth, easy running. These bearings are the same as are used on the wrist pins of some makes of tractors.



WHY THE JOHN DEERE DOES A REAL JOB OF SELLING

Each ear of corn, as it is fed into the sheller throat, passes between the bevel runner, the straight runner, and the pivoted rag iron, which, under spring pressure, holds the ear of corn in shelling position. The shelling wheels are so set that, with the rag iron, they form a triangular opening thru which the corn must travel. The straight runner revolves the ears of corn, the bevel runner does the shelling, and the adjustable rag iron holds the ear so that all the kernels are shelled off the cobs.

NEW RATCHET CRANK

The hand crank is of the ratchet type. This type of crank eliminates danger of injury to the operator from a revolving crank after letting go of the handle.

Date Purchased _____ 19____.

OPERATING INSTRUCTIONS

RAG IRON ADJUSTMENTS

To meet different shelling conditions, the rag iron pressure can be increased or decreased by means of the nut and washer on the rag iron spring.

In addition, the rag iron can be adjusted forward or backward as at "A" and "B" making it possible to shell either large or small, dry or damp corn.

For shelling extremely small rice popcorn, use the special rag iron (6761-C) and cob guard (6760-C).

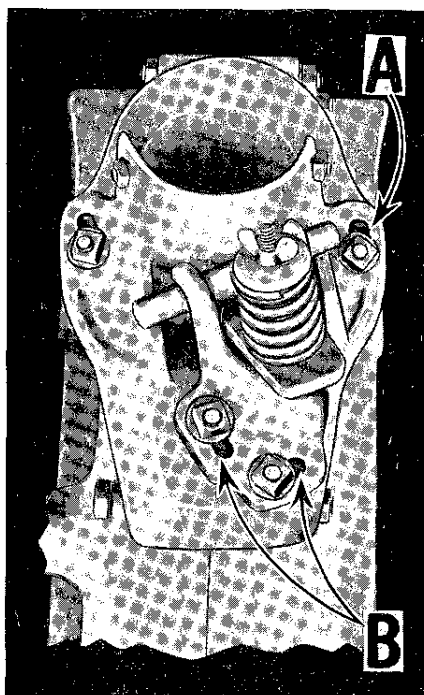


Figure 1

BASKET RACK OR FEED TABLE

Either the basket rack or feed table can be used with the sheller.

The basket rack is adjustable up or down, to take care of different sizes of baskets or boxes. See Figures 2 and 3.

SEED CORN TIPPER

(EXTRA WHEN ORDERED)

The seed corn tipper saves many hours of tedious hand tipping. It is attached with set screw to the bevel runner shaft, next to the flywheel. See Figure 2.

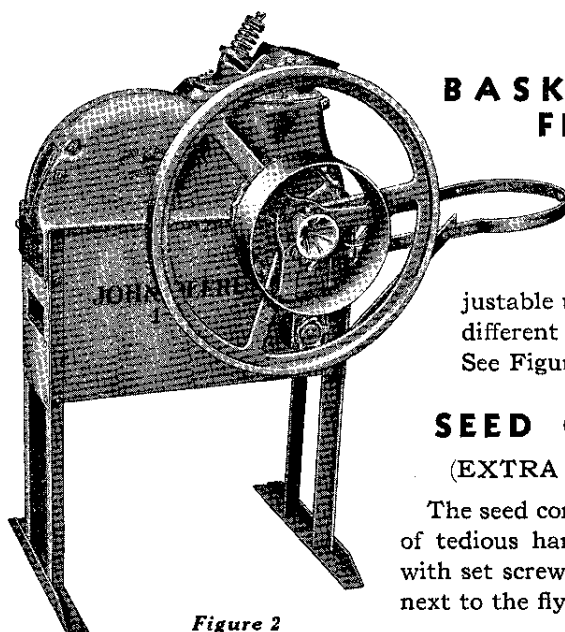


Figure 2

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