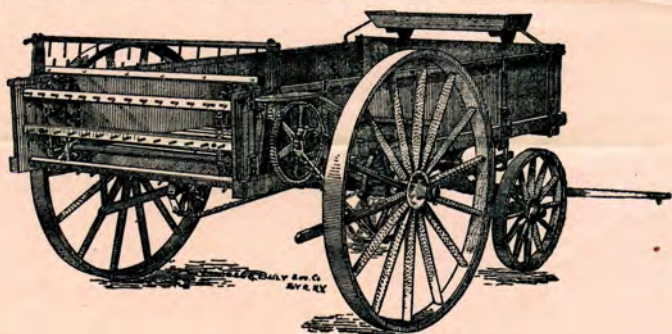


Empire Manure Spreader.

A NEW DEPARTURE.

Strong and Substantial.



Pulverizes Very Fine.

Draft Reduced 40 Per Cent.

The revolving cylinder has been believed to be the only device which would effectually pulverize or distribute manure. But as the result of years of experience and study, we are prepared to place before the public a new departure in manure spreaders superior to any other manufactured. Our new device for pulverizing and spreading consists of two endless chains working over sprocket wheels, to which are attached bars armed with steel teeth, making a perpendicular cut up through the load. By this arrangement the teeth are engaged while travelling only 15 inches, while with the cylinder as used in all manure spreaders the teeth are engaged while making one-half a revolution, 22 inches, or 50 per cent more, and requiring a corresponding additional power to do the work.

Nor is the saving in the length of the cut all we save. The cylinder in making its concave cut continually forces the lower half of the load backward, while the upper half of the load, in most grades of material, serves as a brake by pressing down upon the cylinder. Increased resistance means increased draught and increased strain on the machinery. In short, by our new device we save 40 per cent of the power required to pulverize and distribute a load. The above illustration shows the revolving beater and method of its operation. It will evenly and thoroughly spread all kinds of manure found upon a farm, from the roughest and toughest down to the finest, including ashes in all conditions, wet or dry. It may be regulated to distribute 2, 4, 6, 8, 12 and 16 loads to the acre. The farmer may know just how much manure he is using without the trouble of measuring his manure pile. We believe with the advantages we now offer, that no farmer who spreads 100 loads of manure annually can afford to be without a manure spreader.

Warranted Against Breakage for One Year.

Price Complete, with forward wheels and Whiffletrees, delivered f. o. b., Phoenix, N. Y., \$120.00.

F. PORTER THAYER & SON,

MANUFACTURERS AGENTS.

18 WARREN ST., NEW YORK

General Agents for the New England States, New Jersey and part of New York.