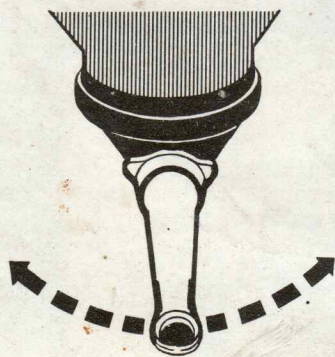




vari-spreader mk II

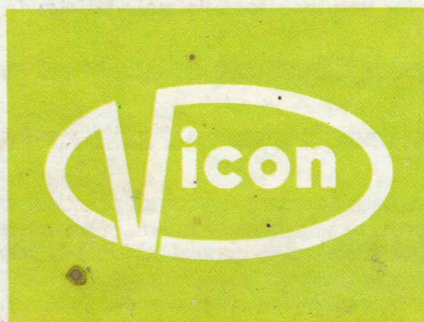


GISBORNE MACHINERY SERVICES
LTD.
BOX 612 — GISBORNE



pendulum action
fertilizer spreader
for supreme
accuracy

with the
polyhopper
for long life





When you choose a fertilizer spreader you look for two main points:

- * **accuracy:** to put costly fertilizer on exactly as you require
- * **long life:** to stand up to tough use and still maintain accuracy

Only the pendulum action gives complete accuracy under all practical conditions. Able to spread all fertilizers from as little as 20 lbs per acre and able to maintain an even spread on sloping ground, THE PENDULUM ACTION gives YOU the precise control which YOU require.

Only the VARI-SPREADER has so many features guaranteed to give long life. Rugged frame, ball and roller bearings, working parts of stainless steel and fibreglass reinforced polyester and easy cleaning, keep the VARI-SPREADER at work long after other machines are thrown on the scrap heap.

pendulum action

The pendulum action, exclusive to the VARI-SPREADER, causes the fertilizer passing through the regulating disc to be accelerated along the oscillating spout. It leaves at right angles to the spout with a high velocity. This results in a rectangular spreading pattern with a more even distribution of material than is possible with a spinning disc type spreader. This unique feature has helped to sell over **150.000** machines **WORLD WIDE**.

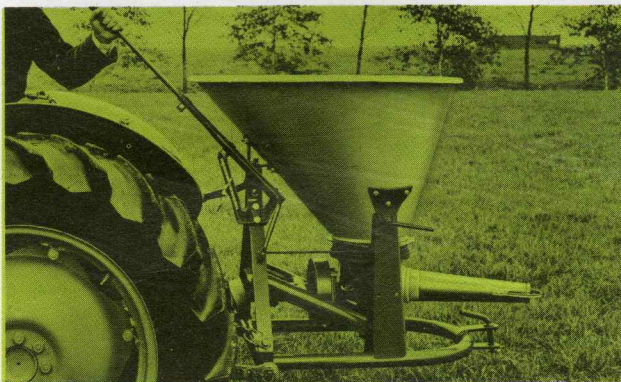
even spreading

The Vari-Spreader gives you not only an even spread under ideal conditions but also under practical farm conditions. With most materials it is largely unaffected by wind, because the fertilizer is thrown at a high velocity onto the ground. Tests carried out by the N.I.A.E. (National Institute of Agricultural Engineering, at Silsoe, England) on spreading systems have shown that with the pendulum system **EVEN SPREAD** is maintained on sloping ground. Most other spreading mechanisms are adversely affected by these conditions.

accuracy with all materials

To ensure accuracy with many different types of fertilizer as well as other substances the Vari-Spreader is equipped with a streamlined Poly/Hopper designed to prevent bridging and to ensure an even flow of material to the spreading mechanism.

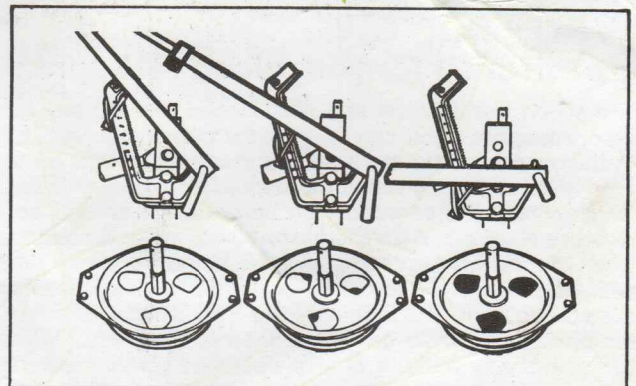
A built-in agitator is mounted in the bottom of the hopper above the regulating plate. The unique construction of these parts ensures an even flow of material (even lumpy fertilizer) at all plate openings. This enables accurate control of the application rate from tons right down to lbs. per acre.



easy operator control

A single control handle within easy reach of the operator controls the application rate and also cuts off the fertilizer at the headlands. Application rates can be chosen on the move without stopping from 5 lbs. per acre for grass seed to 2500 lbs. per acre for fertilizer. This cannot be done with a spinner type spreader.

The arrowhead shaped holes in the regulating plate and the 27 positive positions on the setting quadrant give accurate adjustment over the whole range. The operator has no other controls to set, ensuring **MAXIMUM OPERATOR SIMPLICITY**.



not only a fertilizer spreader

The Vicon Vari-Spreader will, without **ANY** modification, sow corn and seeds simply and evenly, at the application rate you require. Clover seeds can be sown at rates as low as 5 lbs. per acre. A harrow hitch is fitted allowing seed harrows to be drawn at the same time.

technical details:

Effective spreading width : up to 24 feet depending on material.

Hopper capacity : approx. 600 lbs with granular fertilizer.

Weight : three point linkage model 238 lbs.
trailer model 400 lbs.

Application rates : Fertilizer 20 lbs to 2500 lbs per acre.
Seeds from as little as 5 lbs per acre.
Granular Insecticides from 10 lbs per acre.
Granular herbicides from 6 lbs per acre.

P.t.o. speed : 540 r.p.m.

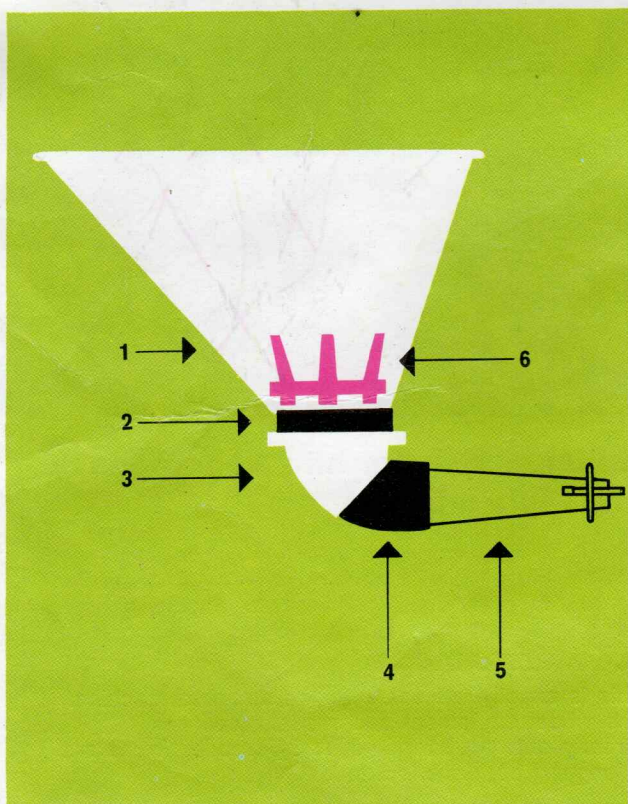
Overall height when working: 4 feet 10 inches

Overall width when working: 4 feet 7 inches

Windshield working width : 13 feet

Overall height with hopper extension : 5 feet 3 inches

N.I.A.E. test reports nos 285, 354 and 444



long life

1. Poly/Hopper
2. Stainless steel regulating plate
3. Poly/Bowl
4. Nodular iron bearing block
5. Stainless steel spout

sticky fertilizers

6. A stirring device can be fitted to the machine on top of the standard agitator. This ensures a constant flow even when spreading fertilizer which is not free running.



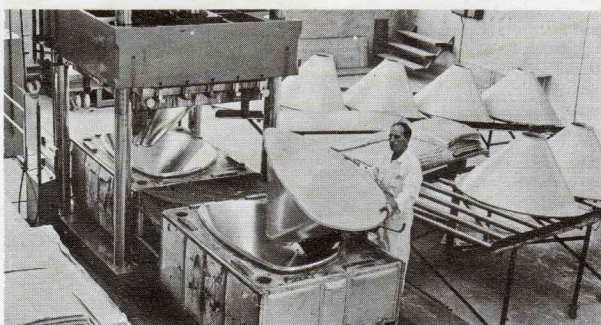
ACCESSORIES

windshield

Fine powdered fertilizer such as basic slag can be spread even under windy conditions with the windshield. It is also used when sowing some insecticides to ensure optimum placement of material. The windshield easily folds up for transport.

hopper extension

A polyester extension matched to the Poly/Hopper increases the hopper capacity to approximately 800 lbs. of granular fertilizer.



poly/hopper

Every Vicon Vari-Spreader is supplied with a glass fibre reinforced polyester hopper which is:

- immensely strong
- completely rust-free
- almost indestructable
- and never needs painting.

The poly/hoppers are moulded in Vicon's own polyester factory.

With the introduction of this unique feature the Vicon Vari-Spreader leaps still further ahead of competitive makes.

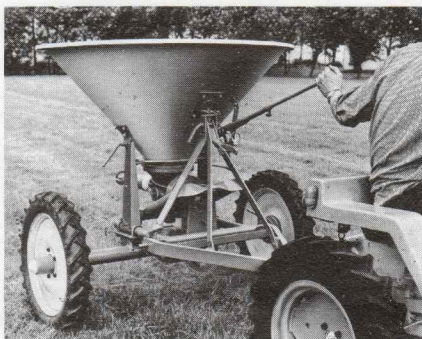
the vari-spreader is supremely accurate



**trailer models for hilly conditions
and rapid hitching**

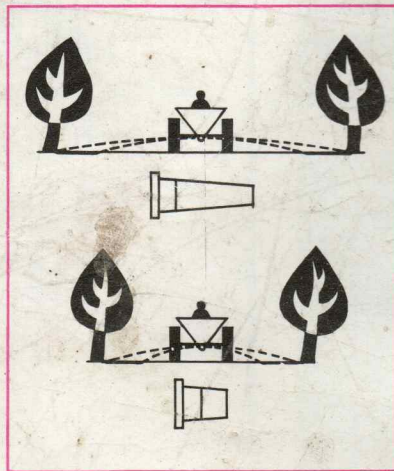
p.t.o. drive model

This is exactly the same as the mounted machine. The wheel equipment and chassis mount directly onto the standard Vari-Spreader frame and a longer p.t.o. drive is fitted.



ground drive model

The drive is taken from the 450 x 15 land wheels through a differential. The gears are milled and run in an oil bath ensuring long life. There are two possible operating speeds allowing spreading from 5 and 8 m.p.h. The drawbar is adjustable in height allowing the spreader to be drawn by all sizes of tractors as well as small 4 wheel vehicles.

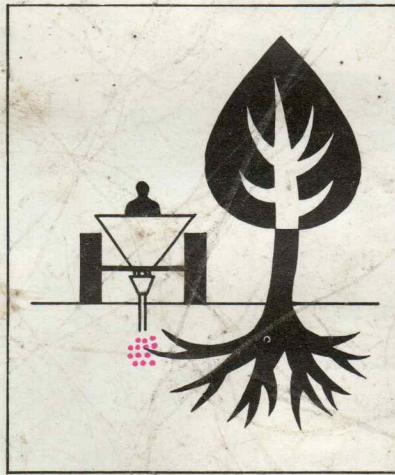


orchard hopper

A special hopper is available which reduces the overall width of the machine from 4 feet 7 inches to 3 feet. This is especially designed for row crop and market garden work (see photograph top left).

band spreading

The fitting of a special spout enables concentrated areas of fertilizer to be spread either side of the machine at centres varying between 6 ft and 24 ft. (see photograph and diagram top)



fertilizer placement attachment

A special coulter can be fitted onto the machine enabling one concentrated band of fertilizer to be placed at a chosen depth in the soil (see photograph and diagram bottom).

standard fittings

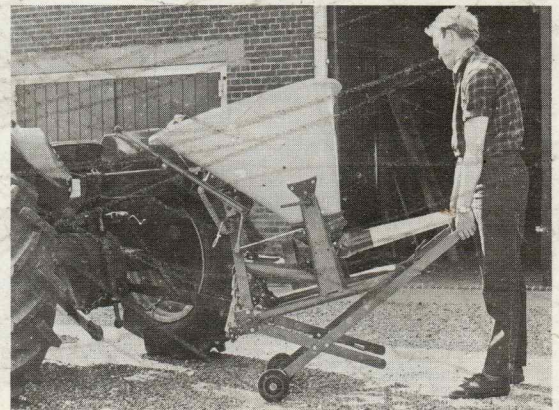
Fully guarded p.t.o. shaft of either 1 1/8" or 1 3/8"
Twin stabiliser chains
Self cleaning rubber insert
Drawbar and hitch for harrow
Easily removable hopper (two wingnuts)
Rubber safety coupling

optional extras

Agitator for sticky fertilizers
Markers
Hopper cover

„vari - barrow“ a push chair for your vicon vari-spreader

The Vicon Vari-Barrow is a most useful tool for any farm. With this little transporter you can very easily move your vari-spreader in the yard or in the barn without needing to fit it on to a tractor. One man can easily move the spreader with very little effort which means the spreader can be stored in an odd corner of a barn or store shed etc. Also the barrow can be used as a stand when the fertilizer spreader is to be stored for some time, doing away with bales of straw or crates and ensuring the spreader is stored securely. The height of the Vari-Barrow is chosen so that the spreader can be easily attached to the tractor without the use of any tools. It is also designed so that the machine can be tipped forward giving easy access to the underside of the spreader for occasional maintenance.



Your dealer:



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Patents granted and applied for.