

VACUUM PLANTERS

THE PRECISION VEGETABLE SEEDER

For The Precise, Uniform, Singulation of Raw or Coated Vegetable Seeds



The **Gearmore Precision Vacuum Planters** are designed for extremely accurate vegetable seed placement. The P.T.O. driven turbine fan or optional hydraulic drive creates a vacuum that draws seeds against the seed plates. Inner and outer singulators remove doubles to insure that individual seeds are secured to the vacuum hole. At the seed release point, vacuum is cut off and the seed is deposited in the furrow. The air compressor then injects a short blast of air to insure the hole is clean for the next seed. Easy to operate and maintain, this durable precision planter efficiently handles the smallest of seeds either raw or coated.

We design and assemble planters to your specifications.





MODULE PLANTER

HOW THE METERING SYSTEM OPERATES

Primary singulators re-

move doubles

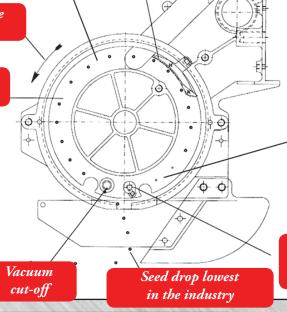
Secondary singulators remove doubles

Seed plate turns opposite to forward travel

20 Ga. thick by 8-%" dia. stainless steel seed plates



Inside the seeding unit, the disc turns in the opposite direction of travel. This direction of rotation minimizes "bounce" of the seeds leading to much more accurate placement.



Seed is picked up in this area

Vacuum inlet

Air pressure cleans hole in seed plate

CHASSIS FEATURES



Easy to change seed spacing with shiftable 10 speed transmission



Handy seed saver to vacuum out seeder units and save unused seed



Separate air compressor system cleans out each seed hole after seed is deposited



Special air cooling fan removes moisture from the seeding system



Exclusive H toolbar allows for easy mounting and spacing planters



Air pistol for cleaning metering units when changing seed plates