

Attention Smaller Scale Salad Greens Grower

A new modestly priced electric powered salad greens harvester will be ready for coming season., designed to allow single operator to harvest hundreds of pounds of young greens or herbs per hour. Silent, fume free, works in Greenhouse or open field, operating on battery power and easily recharged from common house current or a solar panel.

Harvester cuts 28" swath with cleaner cut than best hand work can achieve with crop automatically conveyed to on board totes. You supply clean totes, tubs or bins and your crop remains untouched by hands maximizing crispness and minimizing opportunities for contamination of product, rendering a better product with a longer shelf life.



In its simplest form, machine is pushed by operator just as you would a push type lawn mower. Two bed-width rollers carry weight of machine with front roller controlling cutting height and rear roller supporting weight of machine and crop. Operator controls rate of advance to meet crop density and to insure

clean cutting of various products. In the picture spinach is being harvested.

If still higher sustained production levels are desired the machine can be set up to be pushed by a walking tractor equipped with a hydrostatic transmission. The more common gear transmissions of



SFERA
Hydrostatic



walking tractors generally do not provide, the appropriate low speed graduations needed to provide ideal cutting rates. By pushing cutter rather than pulling operator needs only to watch forward motion.

Still another option is to use a bidirectional hydrostatic tractor such as the McCormick GR30 (Micro 23 HP) or the compact (35 HP) Antonio Carraro SP 4400 tractor in which case moving the harvester from bed to bed or field



to field is expedited with tractors 3 pt. lift as an added benefit.



If only a mono-directional hydrostatic tractor is to be used the harvester can be fitted with a forward 3 pt. hook-up system and tractor operator will monitor harvest operation by looking behind him as harvester is pulled by tractor. In either case the harvester is narrow enough to permit these low horsepower tractors to

straddle growing bed without major modifications. The harvesters design width also was chosen to be compati-



ble with low cost moderate precision seeders that are hand pushed or with the higher precision Bassi seeder mounted on walking tractor or high tech, self-propelled SM 2000.

This Harvesters dimensions also makes it compatible with seed bed preparation systems using either walking tractors or the smallest four wheel tractors micro, mini or compact to power stone/debris burying tillers. In one pass tiller cultivates soil, screens out stones and vegetative debris and buries it under several inches of clean crumbled, clod free soil and rolls out flat properly firm seed bed. With a 11-12 HP walking tractor a 30"



wide ready to plant bed is created. With the smallest of the Hydrostatic four wheel tractors a 33" bed is prepared in one pass. With a 30 HP tractor you could use a stone/burying tiller that simultaneously creates a raised bed with 33" bed top.



The "Greens Harvester" lets you reap the rewards of your work now at whatever scale you choose to work. Today a hundred feet of hand double dug beds hand raked and hand seeded—Tomorrow many more beds prepared with mechanical tillers and precision seeded, later several fields yet the same harvester will remain the star performer, saving labor and producing a better product.