

The Evolution of Planting Through Plastic Mulch

by Frank W. Faulring

The "Posi-Flow" Planting System manufactured by Renaldo Sales & Service, Inc. takes another big step forward. In response to consumer demand, a new model transplanter, the RTME-1100, is being introduced into the marketplace. The features and benefits of the "Posi-Flow" Planting System that the large production growers have enjoyed for years, is finally becoming available for small growers with only 25 to 50 acres.

This new model utilizes the time-tested "Posi-Flow" ground engaging system as its core of working elements. Modern Computer-Aided Design (CAD) has put the planter elements in place resulting in a new planter model with 30% less moving parts, and a 40% cheaper price than its predecessor, the RTM model.

Simplicity is the key feature of this new planter. Less moving parts results in less adjustments and maintenance. With less things to wear out, its operational expense is lower. The planter is smaller and lighter, allowing it to fit narrower row centers and be handled by smaller tractors. The RTME-1100 is easier to set up and adjust. A single planting depth adjustment is within easy reach.

A new Over Load Protection (OLP) System has been added. The



The RTME 1100 Economy Transplanter

cup assembly has a break away feature. When the jaws hit a solid object, the OLP System disengages the injector cup eliminating any potential damage.

The RTME-1100 does not sacrifice any of the features of its predecessors. It maintains the ability to burn holes of various sizes through plastic mulch and water over the top of the plant. It still has the ability to change in-row spacing from 8" to 26". It is still available in a single or double row configuration. The new model has the

capability to reciprocate, or maintain a steady down pressure on the planter packer wheels.


This new economy model does not skimp on quality. The working components are made from the same "space-age" materials and components used on its sister models. The RTME-1100 stands ready to cut your planting labor by at least 50%. It will do the extra operations you want it to do and be adaptable enough for your various crops while being simple enough to operate and utilize to its

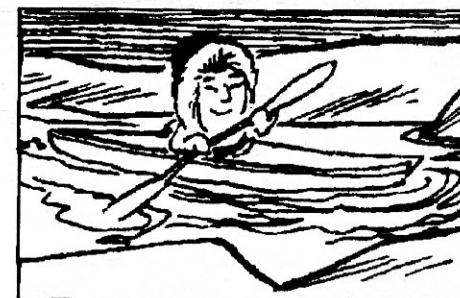
fullest benefit.

The Author's Biography

Frank W. Faulring is a Design Engineer for Renaldo Sales & Service, Inc. in North Collins, New York, who has been developing practical agricultural systems for the fresh market vegetable industry since 1983. He won the AE-50 in 1988 for the "Posi-Flow" Seed Planting System and received a patent for the ground engaging part of that system in 1990. He won the AE-50 again in 1992 for the "Posi-Flow" Transplanting System.

Frank has presented technical

papers to the American Society of Agricultural Engineers in 1991 and to the National Symposium on Stand Establishment in 1992. 



The Arctic Ocean is the smallest ocean in the world, less than a tenth the area of the Pacific.