

Ferrari Tractor C.I.E.

"An Appropriate Technology for Agriculture"
www.ferrari-tractors.com

We introduced the spader to the USA in 1990 and have been supplying machines and encouraging its adoption by growers to improve soil and produce better crops. This alternative tillage system works soil at two levels simultaneously, yet does not dilute top soil with less fertile subsoil. Although spaders typically work 10 or more inches deep, only the top half is mixed with surface residues, covers, compost or soil amendments. This results in rapid enrichment of soil, while the subsoiling action adds oxygen and moisture and leaves subsoil free of hardpan or plow sole. Roots penetrate subsoil readily after spading. Deeper rooting improves drought tolerance and moderates soil temperature fluctuations increasing plant vigor. The spader's deep work repairs the damage rotillers, plows, and discs have done.



1/3 acre of "double dig" beds in one hour with only 20 HP

The spaders method of operation is easy on earthworms and does not powder soil. By maintaining soil aggregate structure, air and moisture movement is facilitated supporting microbial activity and other living organisms that make soil live and become productive.

During a field day some years ago, a large scale strawberry grower put it very well when he said that although he sold strawberries, he was really a livestock rancher, but his livestock "all lived" underground. His job was to feed and look after that livestock year round. His two spaders (seven foot and eight foot) are kept busy incorporating extensive and varied cover crop mixtures winter and summer on 240 acres.

Ferrari Tractors long experience in placing spaders in farming operations of all sizes and types will allow us to help you adopt the right machine for your conditions and tractor size and type. We have helped growers incorporate machines from 32" wide to 13 feet wide. Let us fit a spader to your farm and show you why spaders are the most cost effective tillage as well the most beneficial.

If you plan to buy a tractor, talk with us first, we have ideal models for organic farming operations.

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