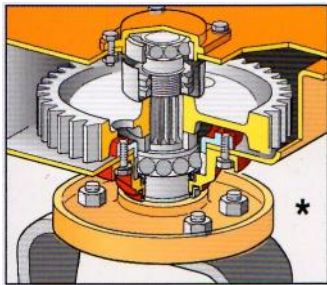


Secondary Tillage after Spading

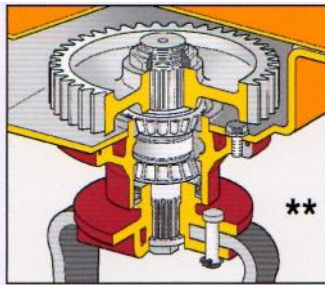
Anyone who uses a spader knows after spading the ground is left often rough and uneven. The texture allows transplanting or seeding with large seeded cash crops or cover crops but not small seeds that are planted shallower in better prepared surfaces. Toward that end Falc offers to add a powered roller so that spades and roller make a better seedbed in one pass.

For somewhat of a lower price the West Coast distributor for Falc will add a ground driven roller and/or hydraulic motor driven roller to the Falc Spaders. Being able to spade and create seed bed in one pass is ideal.

In Europe a second pass is common as they would use a power harrow such as the Fox Vigneron of 1 meter or 1.5 meter or larger Fox special power harrow. The surface is left flat and clod reduced and consolidated; ready to transplant or seed.



* Erpici rotanti con cuscinetti a sfera
* Power Harrows with ball bearings



** Erpici rotanti con cuscinetti a rulli conici
** Power Harrows with tapered roller bearings

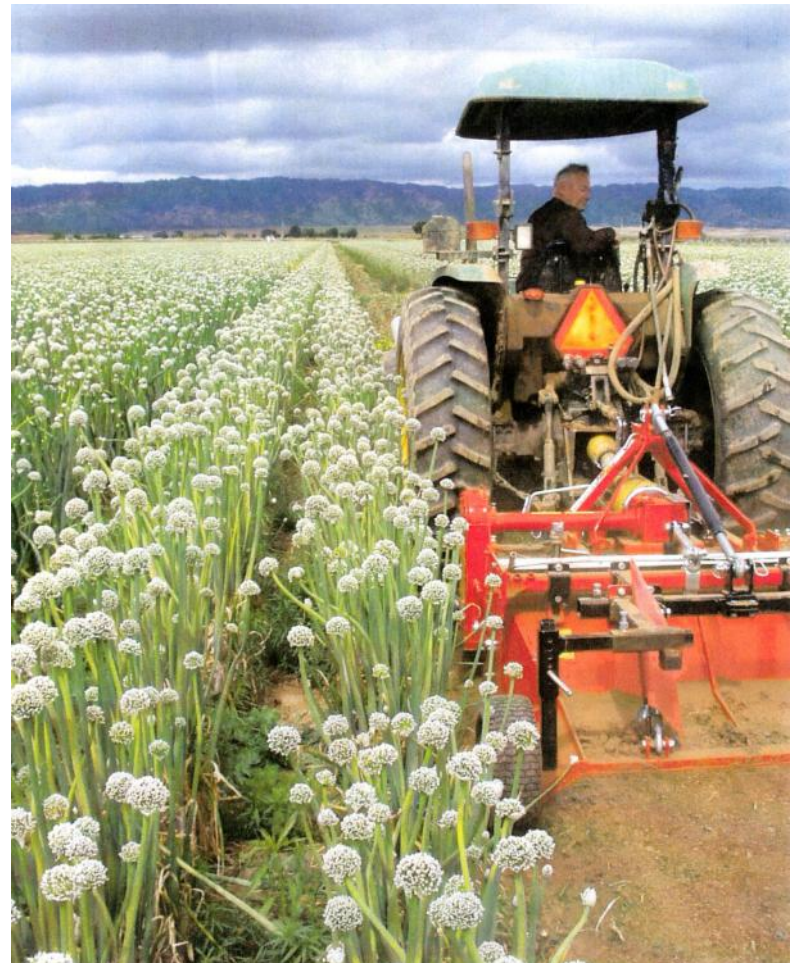


You could use stone burying rototiller instead of a power harrow in some instances, for example if you are following a spading machine and there are rocks or tufts of grass (sod) or other types of debris near the surface.

Stoneburier is a reverse tine rototiller that soil and debris over the top of the rotor and against a “comb” made of spring steel tines, clean dirt passes and rock, sods, root balls, stems and similar debris falls to the bottom of cut, about 5 or 6 inches deep. Most USA growers do not have rocks but like screening of crop residue and lack pan formation. Stoneburier leaves soil flat and ready to seed.



If you wish to perfect seedbed clear as above but in a raised form, consider using a Massano bed shaper. They come in all sizes from 1.25 meters on to those shown on either side, combining a stone/burying function with a shaping one.



If you want a more aggressive secondary tillage, replace the power harrow with a “Cultiline” with hydraulic driven rollers shown in picture to the left.

The Cultiline uses a unique type tiller, it has spikes instead of “C” or “L” tines. These spikes are held by brackets that cause them to enter ground point first. Allowing them to break very hard soil without creating a work pan. In some soils this tool might even replace the spader. Serving both primary tillage and as a seed bed preparation tool.