



## RIPPER & FURROWER

Simple field equipment for homesteads or hobby farms

**1002-54**

A multi-purpose toolbar for deeper tillage, furrowing, hilling and more.



General field ripping



Ridging

<b>1002-54</b>	Hitch & Toolbars Only -- <b>ADD</b> attachments <ul style="list-style-type: none"> <li>• Two 2" square x 54" toolbars</li> <li>• Category-1 hitch</li> <li>• Adjustable shank spacing</li> </ul>
<b>20025</b>	Ripper Shank Attachment
<b>20026</b>	Furrow Shank & Wings Attachment
<b>21141</b>	Gauge Wheels
<b>20091</b>	Parking Stand

### Add ripper shanks or furrow shanks as needed

Utilize three, two, or one shank as HP allows. Zone-fracture wheel tracks between beds or root area in bed.



Trenching

Use as heavy tillage sweep without wings to cultivate wheel tracks



Till furrows between beds

## GARDEN EQUIPMENT PRIMER

### SMALL-SCALE TILLAGE EQUIPMENT

Equipment scaled for smaller Category-1 tractors can perform like large-farm equipment. Deeper tillage provides soil fracture and aeration but limitations come with use of low HP. Then the top layer is further tilled into a seedbed to properly hold and moisten seeds and transplants. Most tractors are capable of seedbed tillage, up to about four inches deep, using secondary tillage equipment like disks and cultivators.

### DEEPER PRIMARY TILLAGE

Primary tillage relieves compaction, increases air exposure and improves water absorption for drainage. Good primary tillage depth is about 10" - but 12" depth is exceptional. In general, "plow depth" describes an effective and practical deep tillage point of the entire tillage layer (even if you don't use a plow). Plow depth can vary with soil type and average moisture condition, which reminds us that agriculture is more an art, less numbers and charts.



PRIMER CONTINUES NEXT PAGE...