



ROW CROP CULTIVATORS

Simple field equipment for homesteads or hobby farms



2 toolbars

1072

Model **For 15-25 HP sub-compact tractors**

1072-54	Hitch & (2) 54" toolbars
1073-54	Hitch & (3) 54" toolbars

- Open-center hitch
- Two or three 2" square toolbars
- Many options for seedbed or row crop cultivation
- 2-bar model can be expanded to 3 toolbars



- See pages 24-25 for a list of attachments



3 toolbars

1073

The open-center hitch offers more clearance to place attachments

GARDEN EQUIPMENT PRIMER

ROW CROP CULTIVATION

Weed control is always a challenge to yield the best crop. This history of mankind's struggle includes the advent of powered machinery, chemicals and weed barriers like plastic mulch. Environmental concerns and sustainability have returned some interests to more natural methods. Basic mechanical cultivation continues to be a cornerstone.

A variety of tools and techniques, new or old, provide many opportunities to match cultivators to many crops and conditions. Study and practice meets the task at hand.

Versatile equipment is essential. Cultivate a young crop close. Keep a cultivation schedule or try to catch up if the field has been wet. Late cultivation staves off more weeds before the sprint to harvest. Put more effort into the cultivator or combine with some hand weeding.

S-tines are low-cost and durable and flex in rocky soil but don't cultivate too close to the row. Beet knives and tender hoes can be shallow and up close to the row. The cutting edge of tender hoes is more flat, offering the least soil

disturbance Cultivating disks rotate in more-weedy conditions and can be set closest to young plants.

Mechanical cultivation needs space between rows for these cultivator attachments. In general, choices become limited with 12" spacing or less. At least 16" row spacing is recommended for practical use of most attachments. The only real limit is your creativity.

A 2-bar toolbar is versatile to cultivate close or down the center but likely not both. A 3-bar toolbar offers more space for more attachments and full-width tillage. 4-bar toolbars are also available.



A basic illustration of beet knives placed close to the row and crescent hoes cultivating raised bed sides

PRIMER CONTINUES NEXT PAGE...