

Colorado Beetle Catcher



CBC 2R-E / 2R / 4R / 4T / 6T / 8T

GET RID OF YOUR BEETLES WITHOUT CHEMICALS



FieldWorkers

SUPPORTING FARMERS

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The “Colorado Beetle Catcher” (CBC) is an innovation that was developed to tackle the growing problem of Colorado beetles in potato cultivation. The CBC enables stepping away from using pesticides while maintaining the same yields!

WORKING PRINCIPLE

The machine benefits from the natural behavior of the Colorado beetle: when the plant is touched, the beetles fall down and remain motionless for a while. The contact is made by rotating plastic lamellas, which are driven by hydraulic rotors. The lamellas do not damage the plant, but merely bend it to the side. The beetles and larvae are thrown against a vertical sheet and then fall into collection containers located between the ridges.



MACHINE TYPES AND SIZES

The standard machine is available in two versions, three working widths and two ridge spacings. However, special adaptations can be made. Don't hesitate to contact us.

CBC xR - This is the rigid version. Simple, but evenly efficient. Each collection bag must be emptied individually. Possible for both front and rear hitch of the tractor.

CBC xT - This machine is tiltable. All collection containers can be emptied at the same time by tilting the machine over a collection container. The CBC xT is supplied with a large collection bin. Other, beneficial insects can escape from that large bin after a short time, while the sluggish potato beetle remains trapped. Only possible on the tractor's front-hitch.

ADVANTAGES

EFFECTIVE - The efficiency is equal to using pesticides. 70 to 90 % of the beetles and larvae are removed from the potato crop.

ENVIRONMENTALLY FRIENDLY - No need for any pesticides and chemicals. Contributes to sustainable yields by preserving biodiversity on the field.

COMBINATION IS POSSIBLE - The machine can be operated in the Front-lift. With a recommended speed of 3-6 km/h, it can be combined with e.g. a ridger or hoeing machine. This saves you time and fuel.



Technical data	2R-E	2R/4R	4T/6T/8T
Propulsion	Electric	Hydraulic oil	
Working width (rows)	2	2/4	4/6/8
Transport dimensions (m) (HxBxL)	1,25 x 2,3 x 1,6	1,25 x 2,3 x 1,6 1,25 x 2,8 x 2,3	1,25 x 2,3 x 2,8 1,25 x 2,3 x 6 1,25 x 2,3 x 8
Net weight	120	350/560	590/760/1060
Row distance (cm)	75 or 90	75 or 90	75 or 90
Rotors per row	1	2	
Oil throughput (L/min)		4	8/12/16
Attachment possibilities	Fronthitch	Front- or Rearhitch	Fronthitch
Hitch categories	Cat1/Cat2	Cat2/ Cat2N/ Cat 3	
Large collection container	No	No	Yes
Double-acting control valve	No	1 (Rotors)	2 (Rotors and tilting)



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