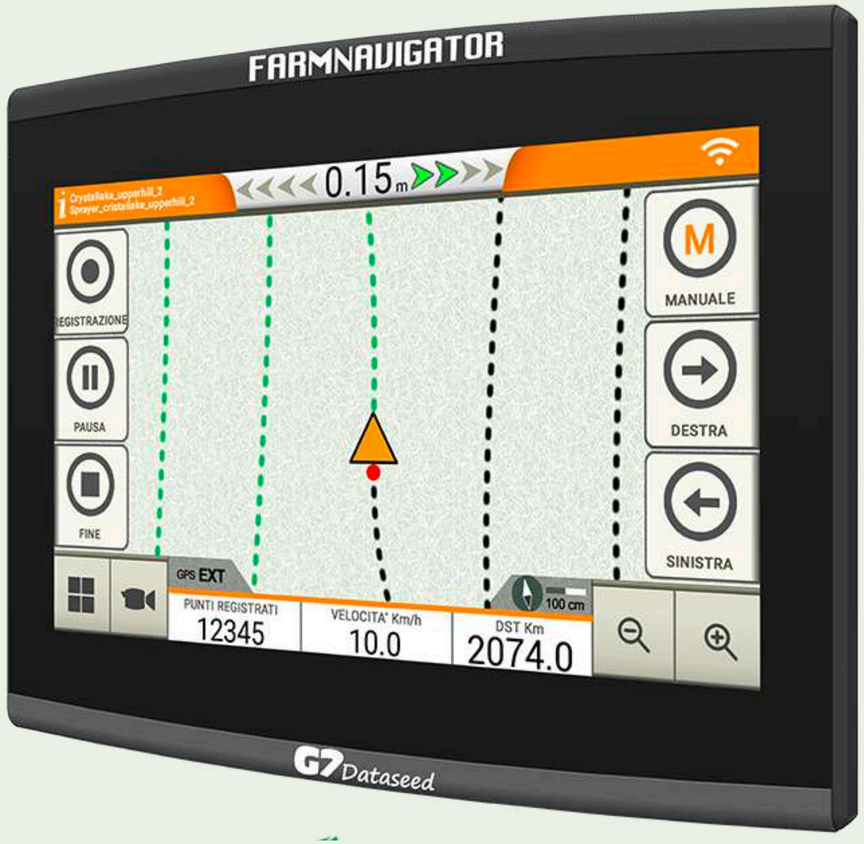
FARMNAVIGATOR

Automatic Weeding

Automatic weeding: G7 Dataseed



FARMNAVIGATOR

G7 Dataseed

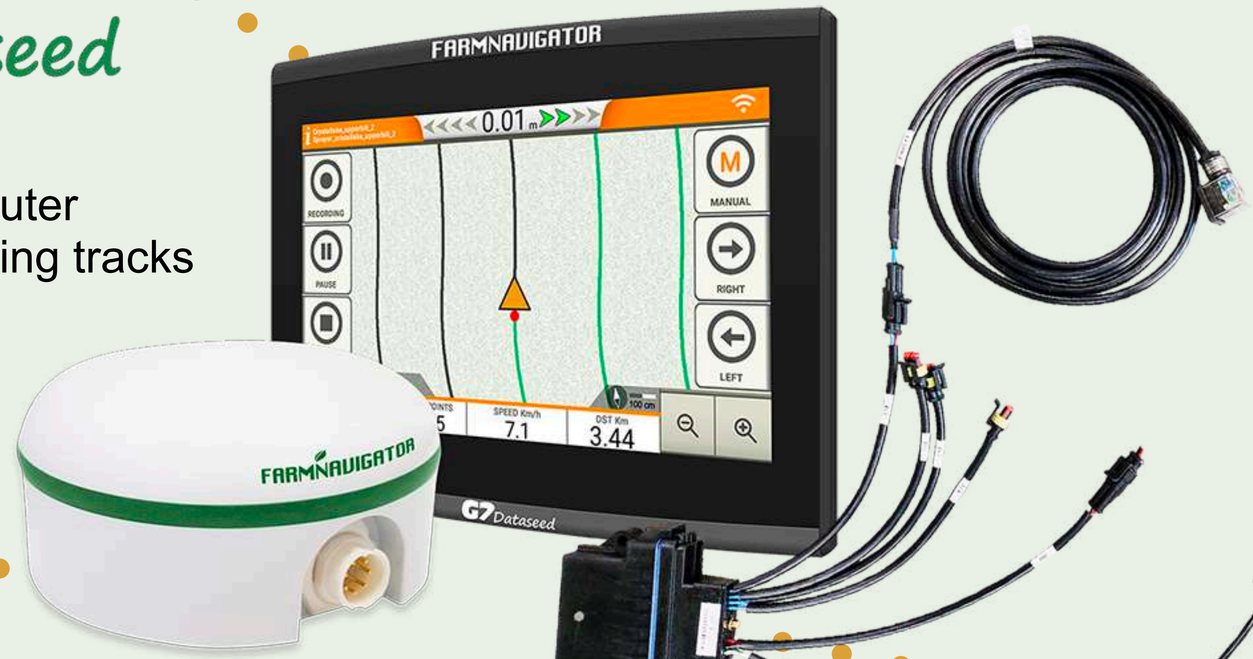
Precision GNSS system for the control of weeding implements

Efficient biological weeding
in any type of soil and visibility condition!

Automatic weeding: the Dataseed system

FARMNAVIGATOR
G7 Dataseed

7” on-board computer
recording the sowing tracks



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All in One RTK

GNSS receiver with RTK corrections,
tilt sensor and centimeter-level accuracy

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ECU Dataseed

ECU controlling the automated
weeder directly on the
hydraulic electrovalves

Automatic weeding: G7 Dataseed

With Dataseed technology

Superior precision
tracking of sowing
by AvMap, the GPS pioneers

Automatic weeding with with centimeter precision
without the use of cameras or ultrasonic.

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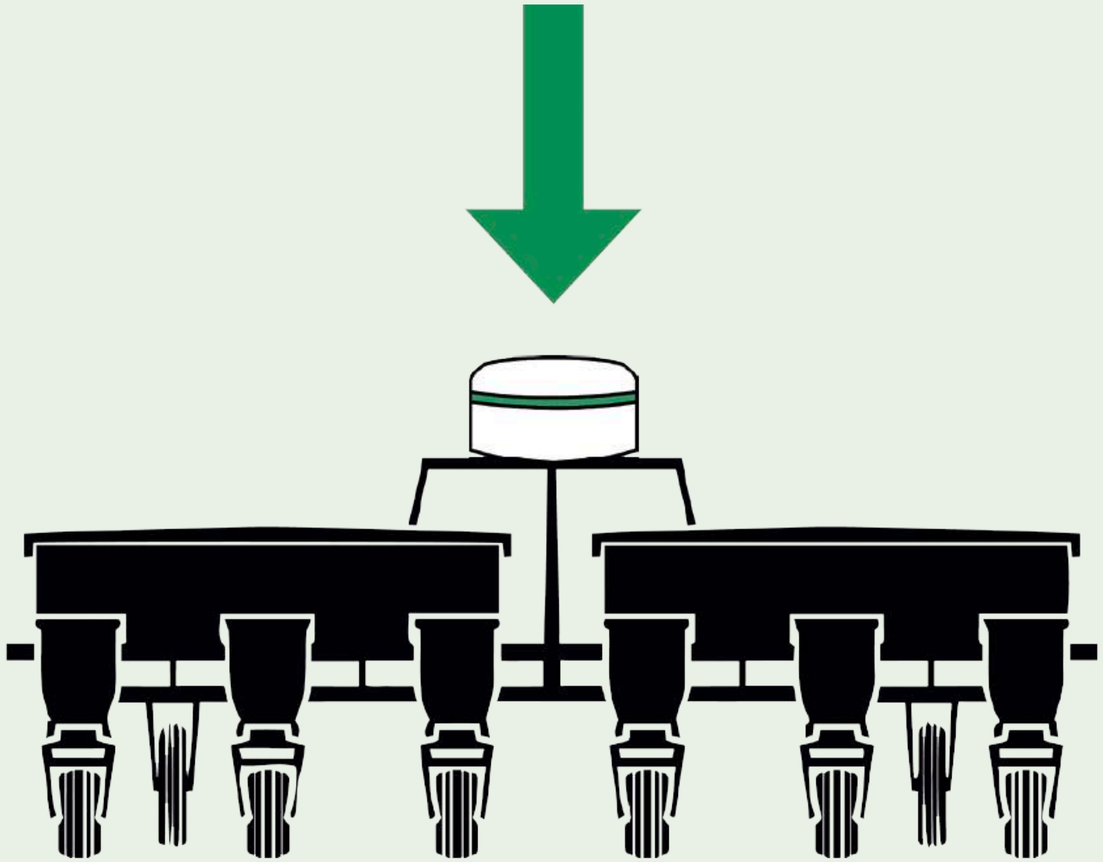
Automatic weeding: how does it work?

Planting stage

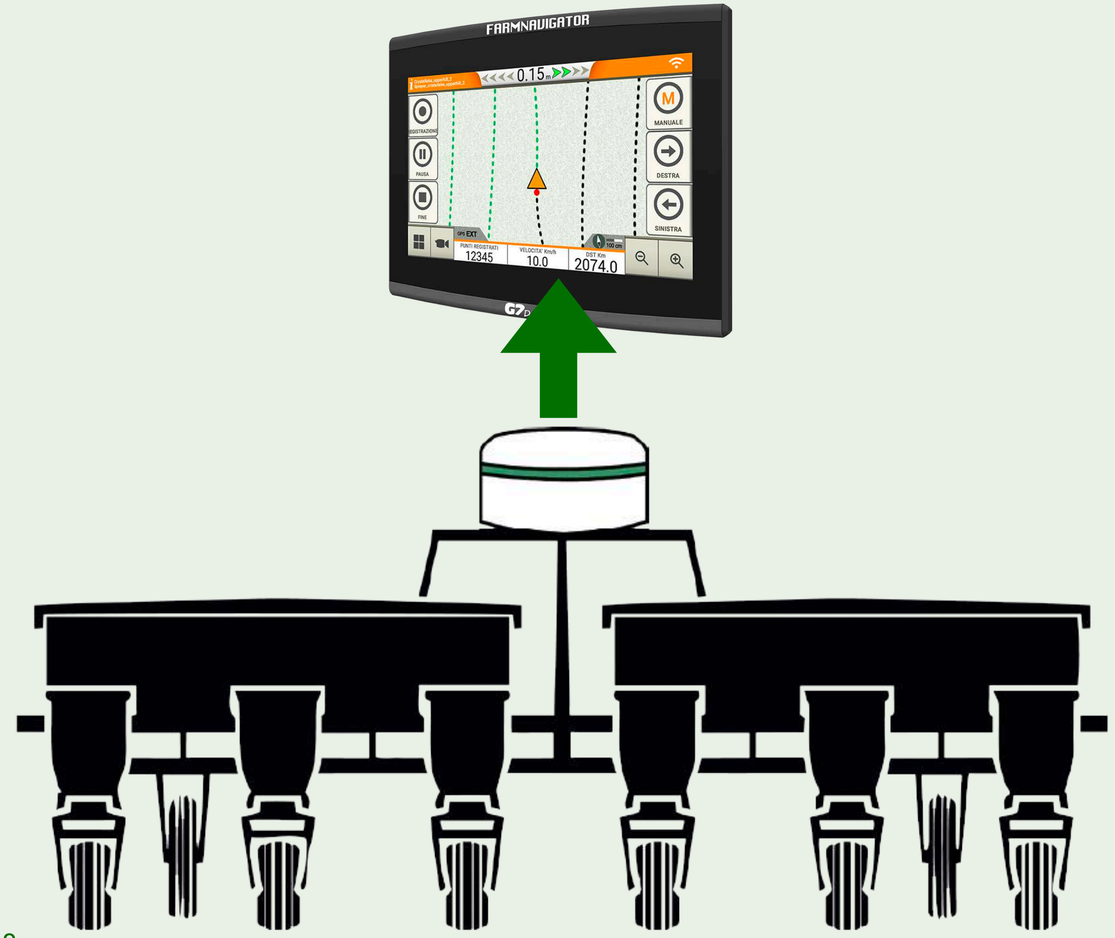


All in One RTK

is installed
exactly in the center
of the seeding drill

Automatic weeding: how does it work?

Planting stage



G7 Dataseed

Records the exact track,
including curves
and any implement error

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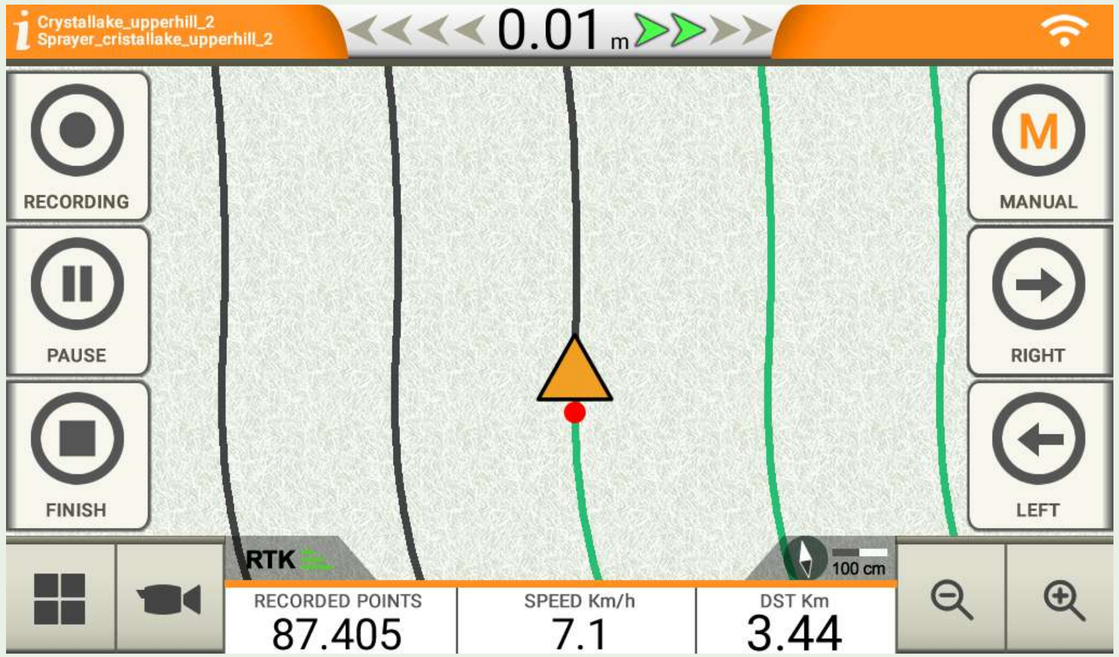
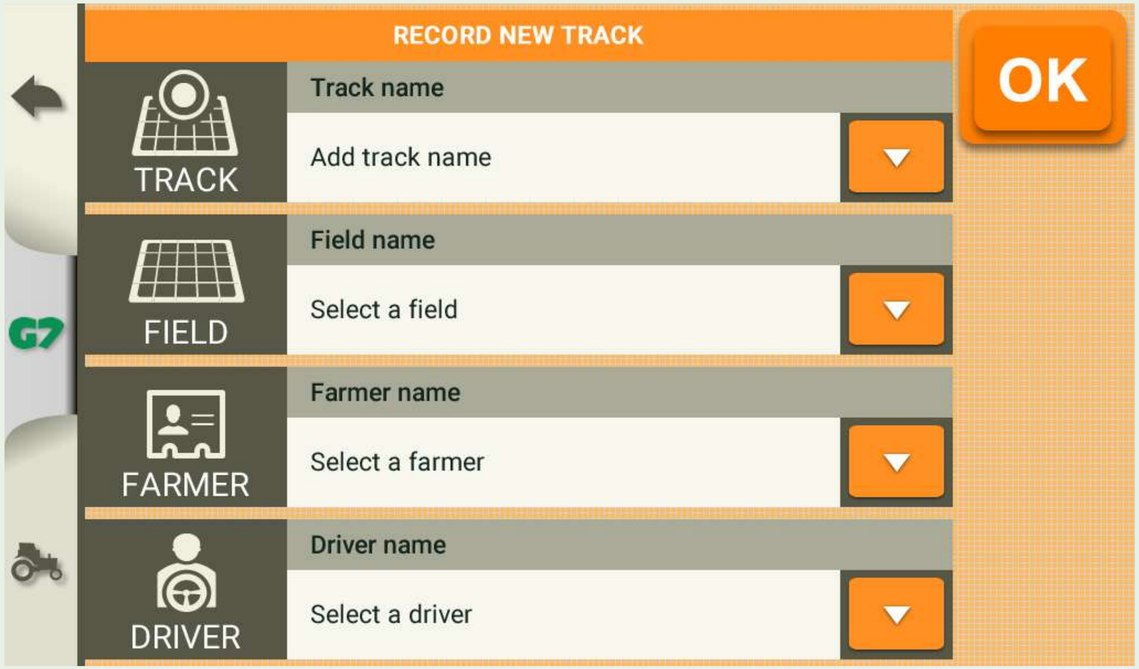
Automatic weeding: track recording

Planting track recording

with high precision and high dot density





Planting tracks database

All tracks can be:

✓**Organized by customers and fields**

✓**Exported in the most common standard formats such as Shape, KMZ, CSV.**

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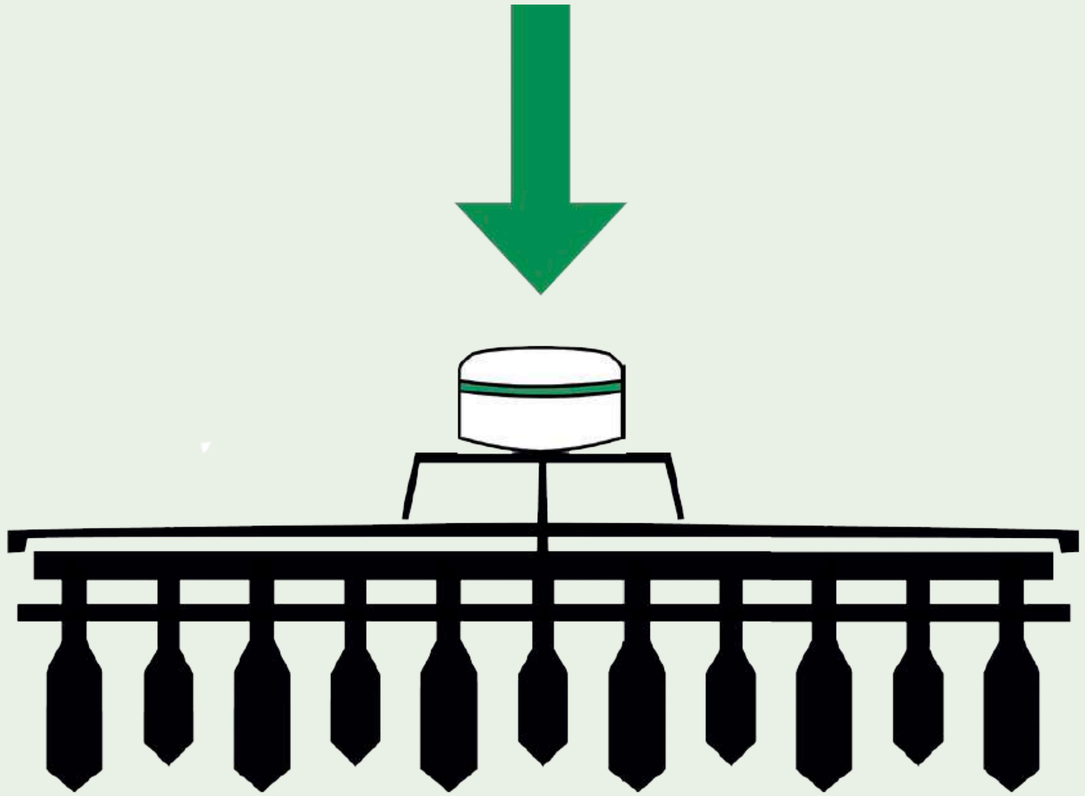
Automatic weeding: how does it work?

Weeding stage

All in One *RTK*

is installed
exactly in the center of
the inter-row cultivator



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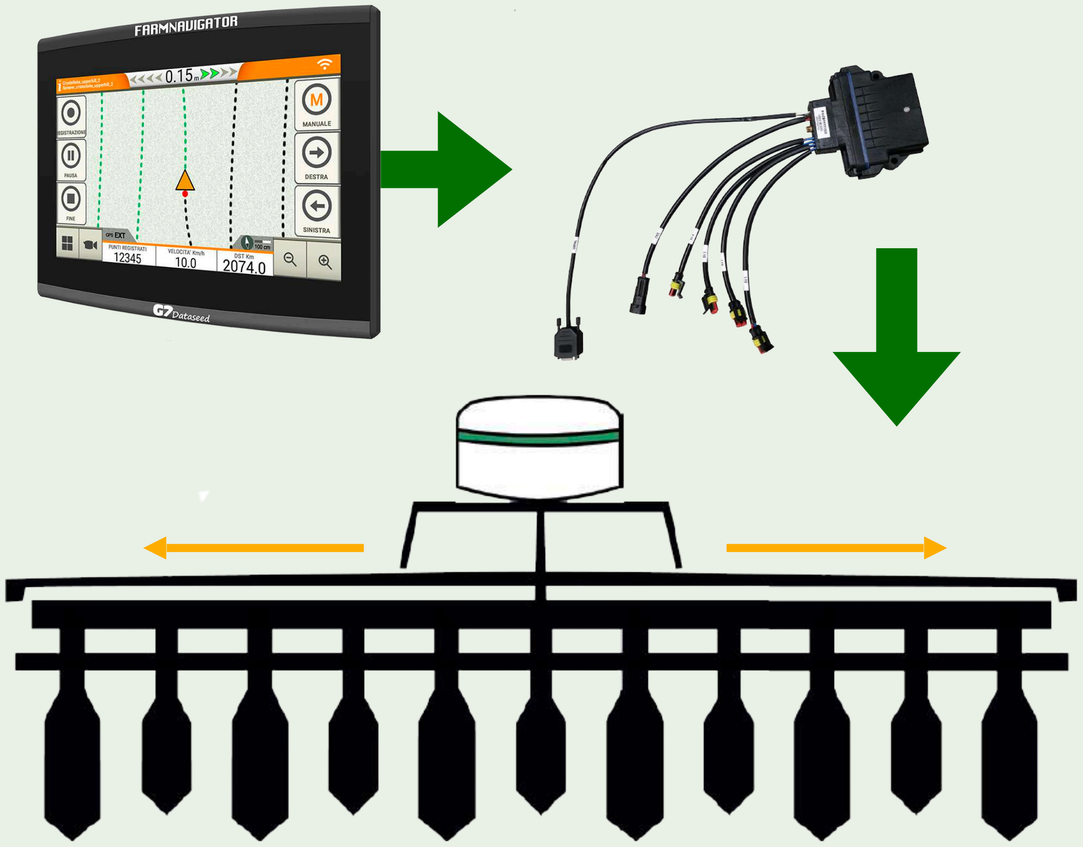
Automatic weeding: how does it work?

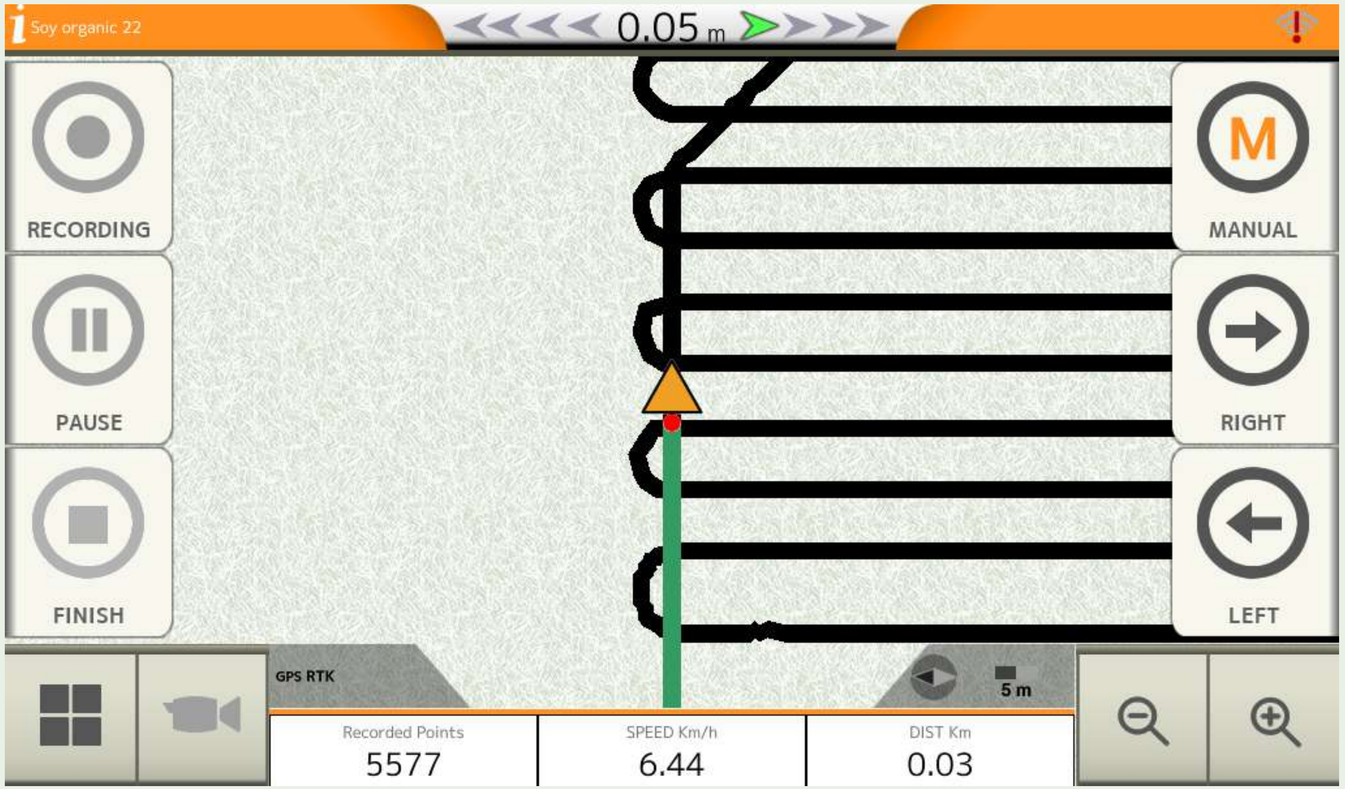
Weeding stage

ECU Dataseed

controls the translation
of the cultivator
by following
the exact sowing path



Automatic weeding: track repetition



G7 Dataseed repeats the track recorded during planting.

Full control of the implement from the G7 Dataseed display:

✓ Left-Right automatic movements
✓ Manual adjustments of piston movements

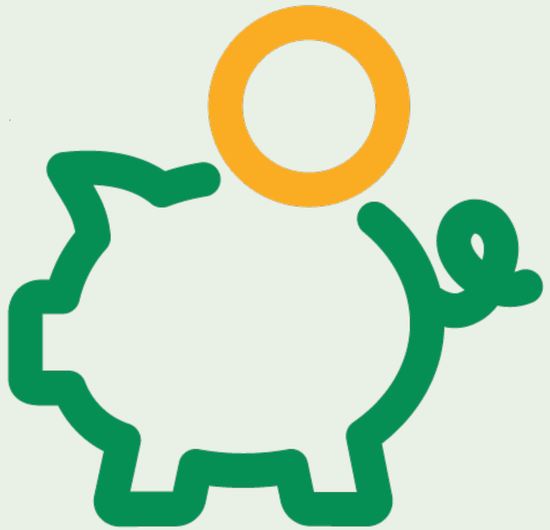
Automatic weeding: in any condition

In any type of soil, crop and weed population

Without the limits of image recognition systems.

In any condition of visibility

Without any problem of dust, humidity and wind.



Effective and sustainable weeding

Now affordable for any farm size.

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G7 Dataseed

Automatic weeding efficient in any terrain condition

where other systems often fail

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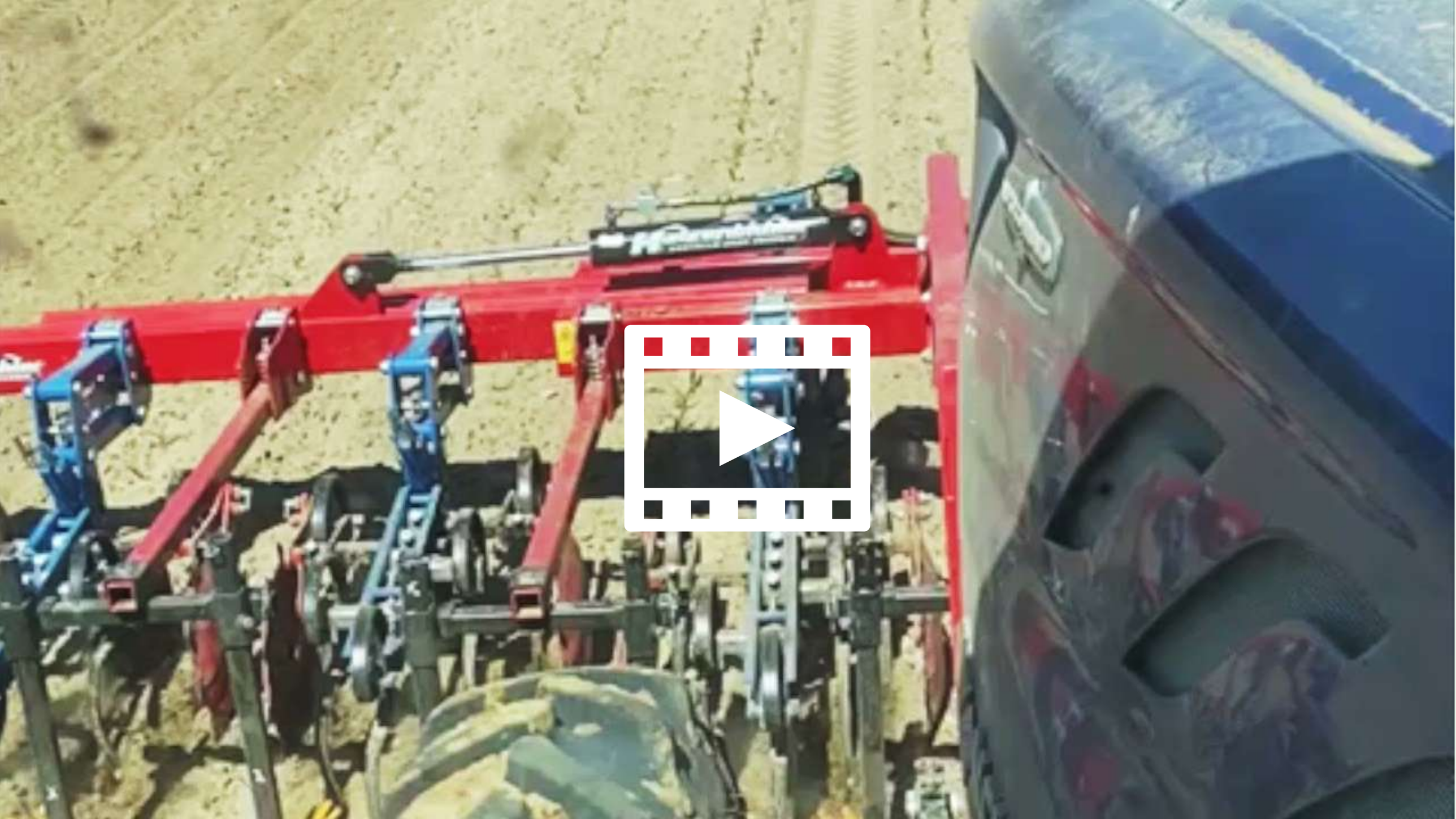
Why G7 Dataseed?

✓ No more cameras problems, it works in any condition

✓ Any recorded track is perfectly repeated, including curves and mistakes

✓ It complies with Agriculture 4.0, including implements