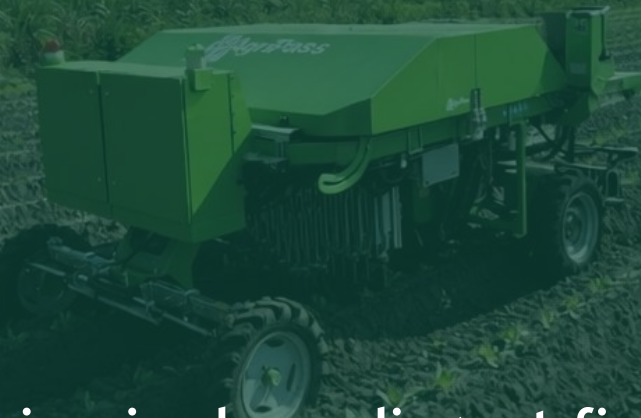


AgriPass



Human-inspired weeding, at field scale.

No chemicals, minimal tillage, a fraction of the labor.

October 2026

Liron.yanay@agripass.co

OVERVIEW

From concept to global commercial deployment in <3 years



Human-Inspired Physical AI that brings the contextual decision-making of experienced growers to agricultural machines, at scale.

COMMERCIAL TRACTION

\$1M

revenue + contracted robot sales

8 robots - US · Europe · Israel · LATAM

Direct & distributor sales

RaaS, paid pilots and research

2026 plan - \$1.5M

OEM-LED GLOBAL SCALE

4

markets live – US, Italy, Israel, Argentina

FYELD - Europe (IT, DE, ES)

Agrometal – LATAM (AR)

Regional US OEMs in discussions

India / Global – Strategic OEM in due diligence

BACKED & VALIDATED

\$10.5M

raised, \$1.8M non-dilutive

IDB Invest / AGRInnova II - LATAM

Israel Innovation Authority

US & EU innovation programs (Eureka)

Climate VC (E44), private & imp act investors

NEXT - FROM COMMERCIAL VALIDATION TO GLOBAL OEM SCALE

01

Commercial Scale

Expand deployments across Europe,
US & LATAM

02

Product Scale

Tractor-towed one-bed &
three-bed platforms



03

Unit Economics

Industrialize production and
improve margins

04

Intelligence

Expand crop coverage +
deployed Physical AI dataset





*“We won’t seed
if we can’t weed”*

Current solutions have reached their limits.
For growers, **that’s production stopping.**



Chemicals

\$40B in crops lost to
resistant weeds

- + Toxicity
- + Bans



Tillage

\$300B soil erosion
productivity loss

- + Erosion
- + Weed boosting



Field Labor

\$53B US farm labor bill
~40% of specialty crop
costs

- + Policy risk

RHIC – Robot of Human Inspired Cultivation

Physical AI that weeds like an expert farmer: adaptively, selectively, at the root

Sees

Detects, classifies and models crops, weeds and soil, in-row and between rows.

Decides

Real-time, per-plant decision - Physical AI selects the right action, position and depth for every plant.

Acts

Selective mechanical actuation using robotic arms to remove weeds at the root.

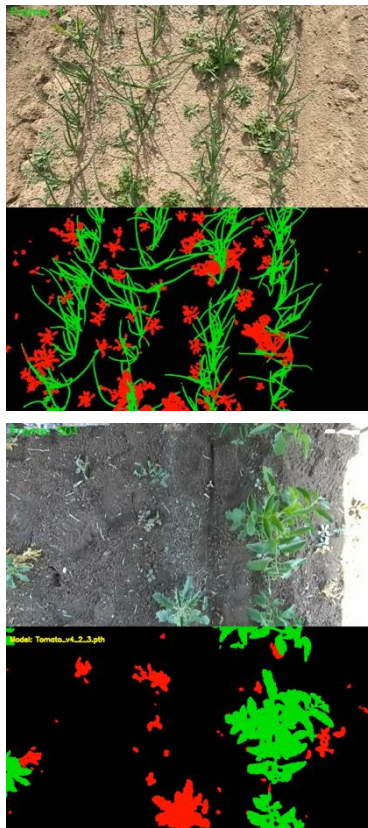
Learns

Continuous learning for performance improvement, AI agent for insights and decision support.



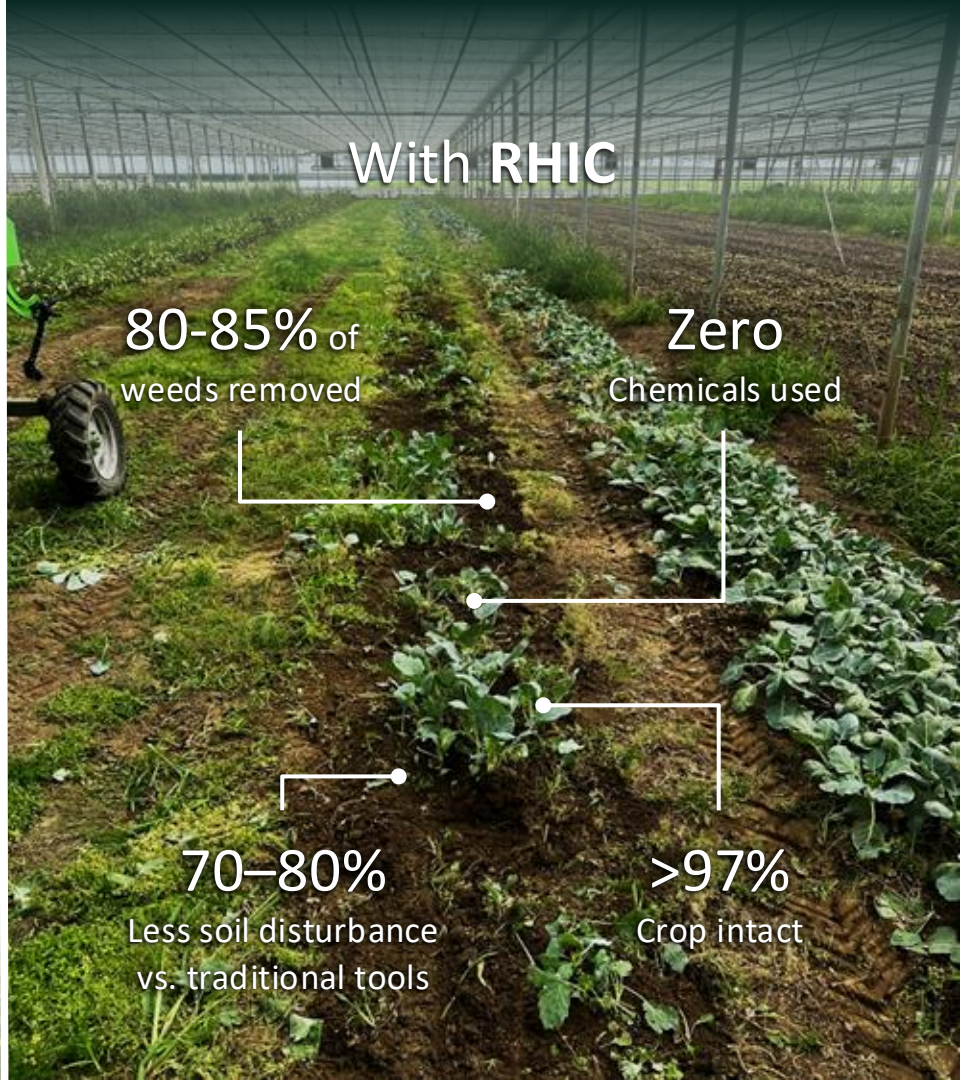
RHIC – self-propelled 6 ft / 2 m working width
ATHENA – 1-bed towed 6ft / 2m & 3-bed 20 ft / 6 m in development

RHIC IN ACTION



RHIC

Robot of Human Inspired Cultivation



By hand
20 workers × 1 day

2-3 acres / 1ha
30%-50% of crew time

Farmer ROI:
\$1,000–1,500/Ha saved
18-24 month payback



With RHIC
1 driver × 1 hour

Up to 2.5 acres / 1ha per hour
~95%+ fewer labor hours



Commercial traction across the US, Europe, Israel & LATAM

PAID / DEPLOYED

- 2 robots – California & Ohio

IN PRODUCTION / CONTRACTED

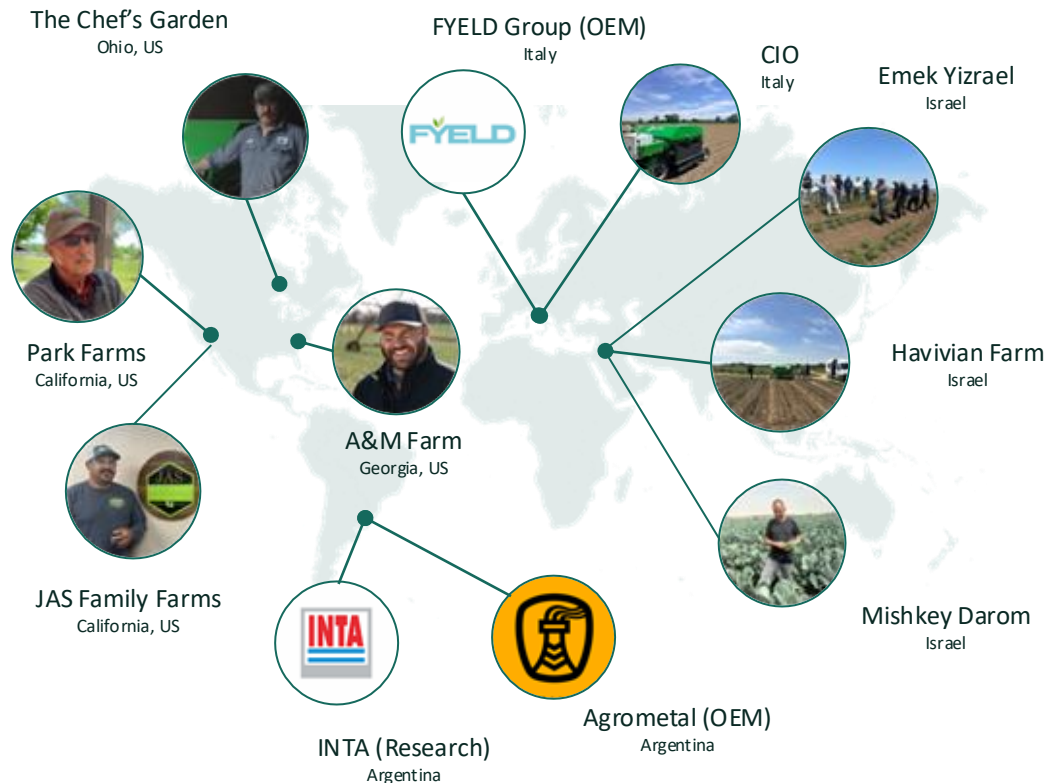
- 3 robots – Israel & Italy

COMMERCIAL PROGRAMS

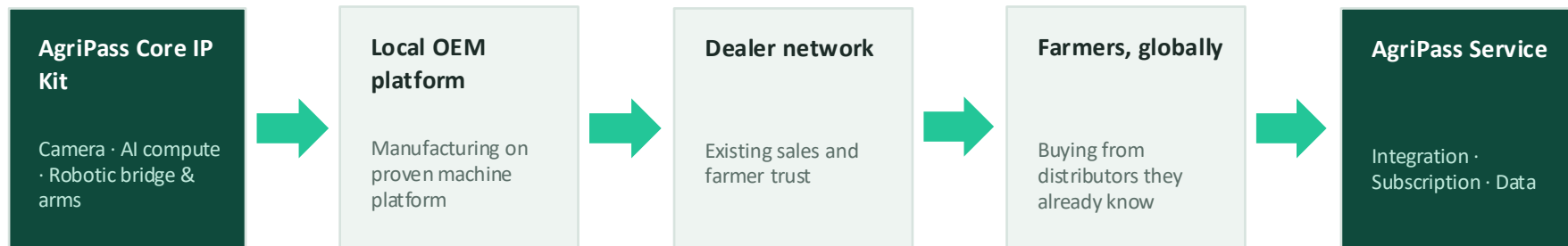
- 3 robots – Europe, US & LATAM
- RaaS + Research + Demos

OEM DISTRIBUTION

- FYELD Group – Europe
- Agrometal – LATAM
- US OEMs – regional OEMs in discussions
- India / Global – strategic OEM due-diligence



AgTech 2.0 - We ship the brain. Local OEMs ship the steel.



- **Platform agnostic** - self-propelled, towed implement, autonomous robot
- **Fast entry** - no salesforce build-out per country
- **Capital-light** - low capex, healthier margins
- **Multi-hemisphere** - extend commercial to sell and operate all year
- **Global data, fast** - diverse soils, crops and weeds feed the moat
- **Defensible** - OEM integration and dealer relationships are switching costs



More crops are losing their chemical path

SOM - \$1.5B

Beachhead crops & launch markets

↓ *expand crop coverage + geographies* ↓

SAM - \$34B

Crops with no chemical path

↓ *platform expands across mainstream agriculture* ↓

TAM - \$120B

All weeding spend · every crop, globally

WHAT IS DRIVING THE SHIFT

BANNED

Regulators pull the herbicides

EU non-renewal metribuzin
US Executive Order (regen-ag)

MANDATED

Buyers refuse chemical residues

Tobacco majors eliminating hazardous pesticides

GREEN

Chemical-free by definition

Organic & regen – fastest-growing, highest weeding pain

HAND-WEEDED TODAY

No chemical fix

Resistance & unregistered crops

TAM: 1.6B ha global cropland × \$75/ha/year = ~\$120B : [FAOSTAT Land Use Statistics](#)

SAM: 205M ha conservation/regenerative × \$70/ha + 96M ha organic × \$100/ha = ~\$24B, plus \$10B+ herbicide-banned / buyer-mandated / resistant specialty crops (AgriPass market analysis) [FAOSTAT](#) · [FAO — Conservation Agriculture](#) · [FIBL — Organic Agriculture](#)

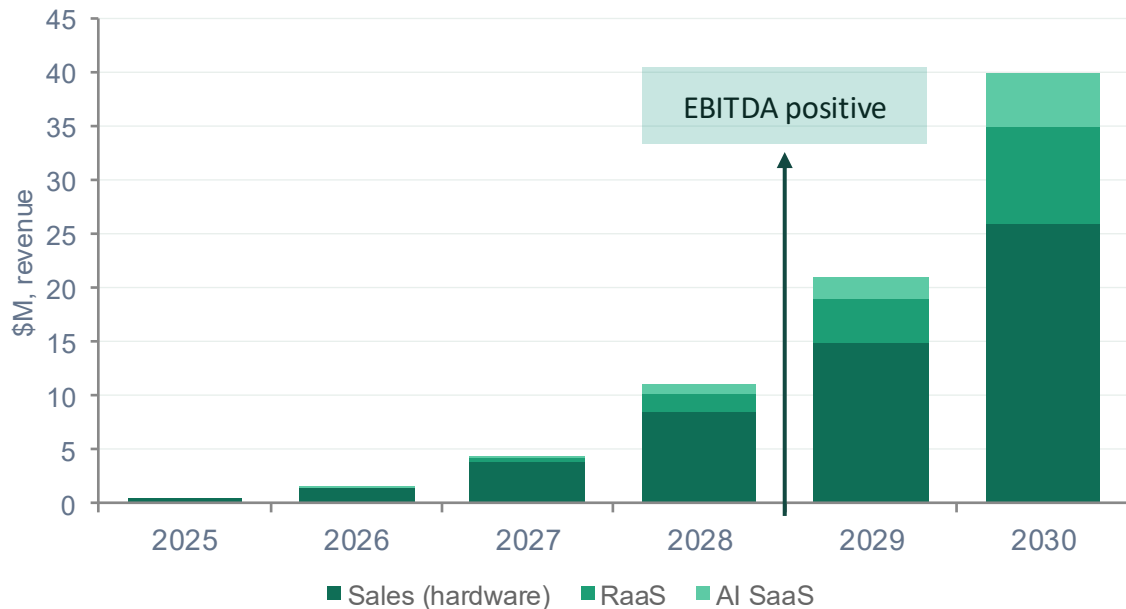
Bringing manual-weeding precision to commercial throughput

		Chemical-free	In-row precision	High throughput	Soil-interaction data	Capital-light scaling
Human-inspired		●	●	● 3-bed platform in development	●	●
Laser	 	●	●	●	—	—
Cultivators	  	●	●	●	—	●
Precision spraying	  	—	●	●	—	●

● full · ● partial · — no

Defensibility: patent-pending actuation + field dataset + agronomic know-how + deep OEM integration.

Capital-efficient path to \$40M+ revenue · EBITDA-positive in 2028



\$40M = <3% of beachhead market

Revenue mix: green 90% → 50%, conventional 10% → 50% as extended platform scales.

MILESTONES

2026 \$1.5M —
RHIC (US · IL · IT)

2027 \$4.5M —
ATHENA (1-bed + 3-bed)
EU volume + LATAM + US OEMs

2028 \$11M —
EBITDA positive; US + LATAM volume

2029 \$21M —
Global OEM scale

2030 \$40M —
65% hardware / 35% recurring

One Physical AI platform, multiple revenue lines

Core: kit + machine sales

Direct sales + Core IP Kit sold through OEM partners on their platforms - low capex, healthy hardware margin

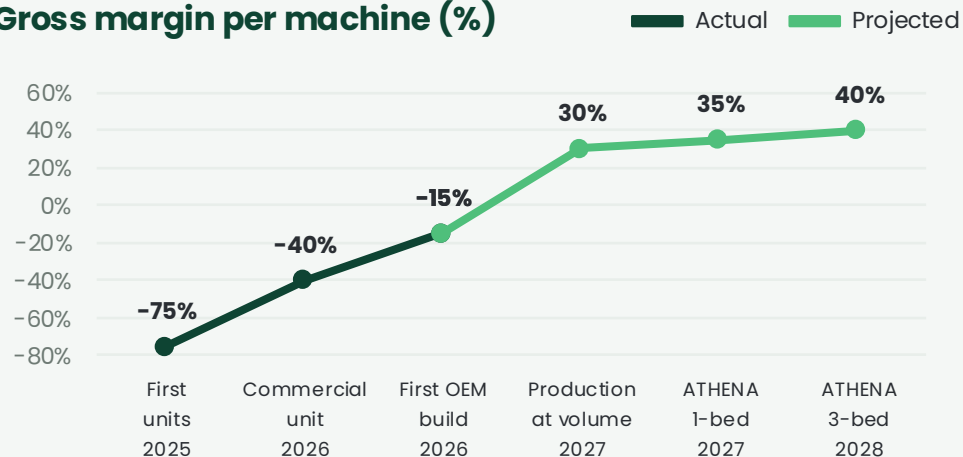
Adoption: RaaS - pay per acre

Robot-as-a-Service seeds new markets and converts skeptics into buyers

Upside: Software & Data - field intelligence

Farmer app, agronomic insights and data products for enterprises and agribusiness - recurring, high-margin

Gross margin per machine (%)



Early units sold below cost to design partners · ATHENA is OEM-built from unit one

Capital discipline: low burn · \$500k bank facility · OEM in place for volume · EBITDA-positive 2028

Every acre makes AgriPass smarter

Vision + physical interaction create a field dataset that vision-only systems cannot capture.

VISION

Crops, weeds, soil surface - every pass, across regions, seasons and growth stages

PHYSICAL INTERACTION

Penetration resistance, actuator force feedback, soil-condition sensing - physical interaction data unavailable to vision-only above-ground systems.



A 4D field record

above + below-ground,
geo-tagged and
time-stamped –
every acre, every pass

Agronomic decision
making in real-time

WHAT IT UNLOCKS

- Predictive & proactive weeding
- Adaptive agronomic recommendations
- Regenerative / soil-health verification

FUTURE

- Data licensing & enterprise data products
- New autonomous field applications
- Agricultural Physical AI foundation model

More acres



More fused data



Better Models



Better
Performance



More farmer &
OEM adoption

 compounds every season

Better farm economics. Better environmental outcomes.

Food Security*

Save \$1,000-\$1,500/ha
Reduce labor dependency

Soil Health

Replace herbicide and bulk tillage
70-80% less soil disturbance

Climate Smart**

Retain 0.3-0.5 tons
CO₂/ha/year

Healthy Food

Eliminate herbicide residues



*AgriPass analysis based on reduced-tillage agronomic studies. Long-term effects of management practices on soil water, yield and water use.

**AgriPass estimate based on reduced soil disturbance and published soil-carbon effects of reduced tillage.

TEAM

Robotics + AI + agronomy + global scale-up - in one room



Liron Cohen-Yanay
CEO

20+ years in business, from strategy to execution



Tom Zrihen
COO

15+ years in scaling global deep tech, AI & SaaS startups



Todd Conner
CCO

Farmer, 25+ years taking ag machinery and AgTech to market



Itay Price
VP R&D

20+ years leading multidisciplinary & robotics



Yarden Goldwasser
VP Operations

10+ years driving agriculture and Ag-tech projects and teams



Ofri Gerson
Head Agronomist

10+ years in weed science, from lab to field validation

CORE TEAM



Yehonatan Ben David
AI/ML



Mor Alon Berg
AI/ML



Benny Kosarnovsky
Robotics



Lahav Barak
Robotics



Dor Erlich
Mech. Eng.



Ido Malka
Field Ops



Danielle Cadosh
HR



Amit Baum
EU Sales



Alejandra Valdez
US Sales



Amanda Ditzler
Marketing

