VCS (UK) Ltd

ECOROBOTIX

SUMMARY, PROGRESS AND FUTURE



ECOROBOTIX TO DATE



- Over 500 units sold worldwide (significant uptake in the US)
- Over 40 machines now operating in the UK, rising to over 50 for next season
- New production facilities opened with plans to expand outside of Switzerland



ARA

OVERVIEW & PERFORMANCE









- Up to 6x6cm precision, for now...
- Up to 4Ha/hr output at 7.2kph
- Herbicide savings of up to 95% and associated yield benefits of 5% claimed

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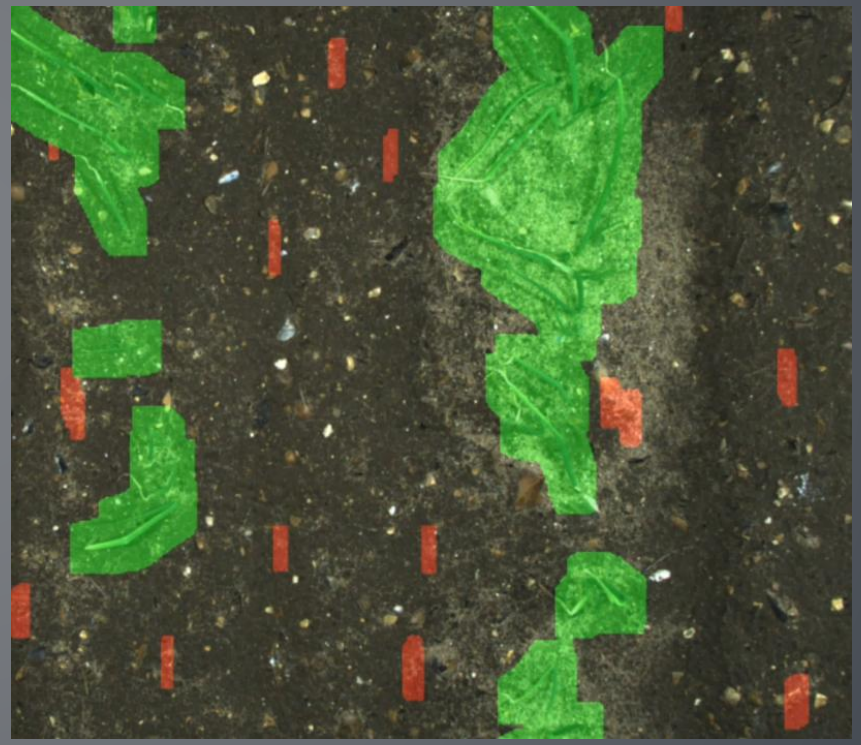
No Safety Zone
Spraying through the canopy



Safety Zone
Protecting canopy (4cm safety zone shown)





- Adjustable from 0-8cm around crop **(there is difference between 0cm and no safety zone!)**
- Majority of crops sprayable from 1TL & weeds identifiable from 2mm

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ALGORITHM DEVELOPMENT



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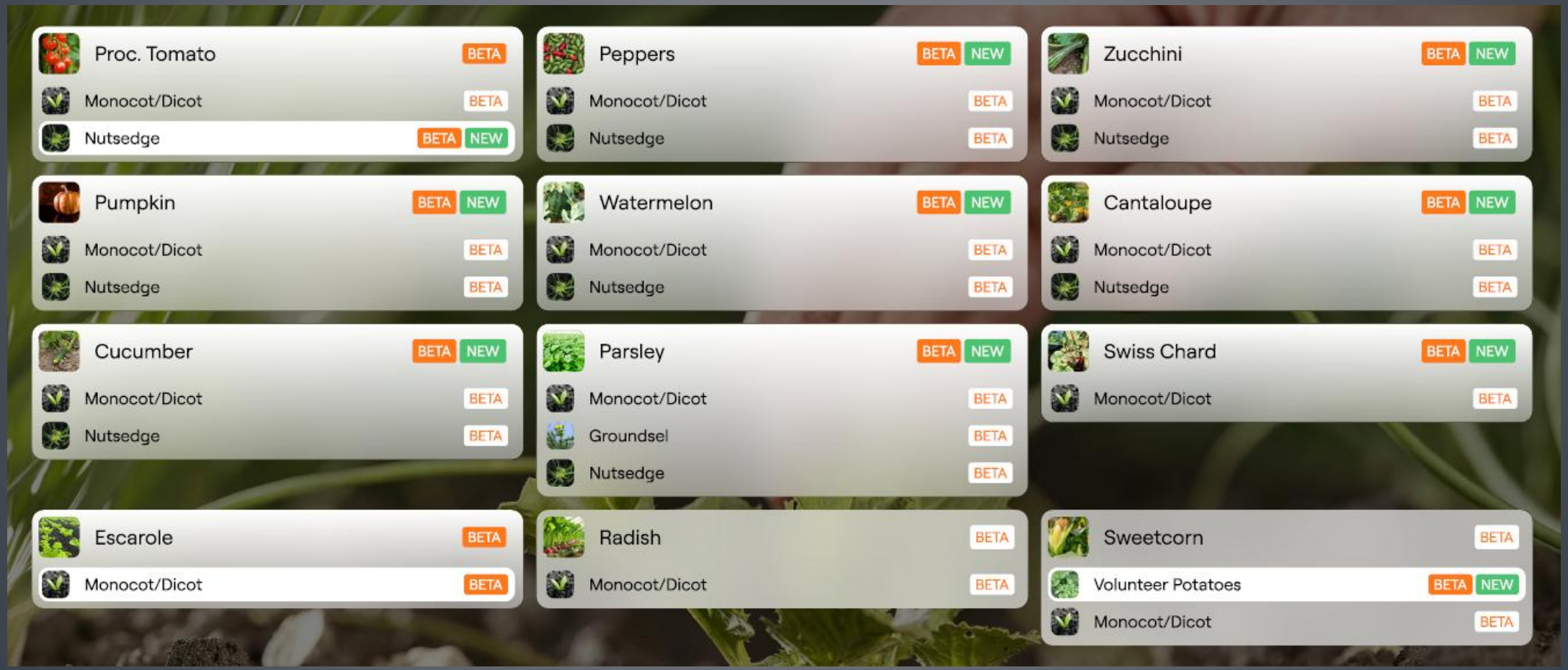
ALGORITHM DEVELOPMENT



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ALGORITHM DEVELOPMENT



VCS 2026 SEASON

- VCS & Ernest Does partnership in full swing
- Over 800Ha sprayed across various crops between contractual and trailing services
- Testing an array of new crops across the UK









VCS SEASON SUMMARY

- Up to 98% raw chemical input savings compared to conventional
- Average usage at 32L/Ha for 2026 season across all crops
- VCS working closely with growers to maximize potential of their machines on farm
- Wider benefits being seen such as sugarbeet and salads etc







Above – Volunteer potato control 14-days post application

Left – BLW control in brassicas using dye

THE CHALLENGES

- New crops bring new challenges… population
- Actives and registration
- Label differentiation?





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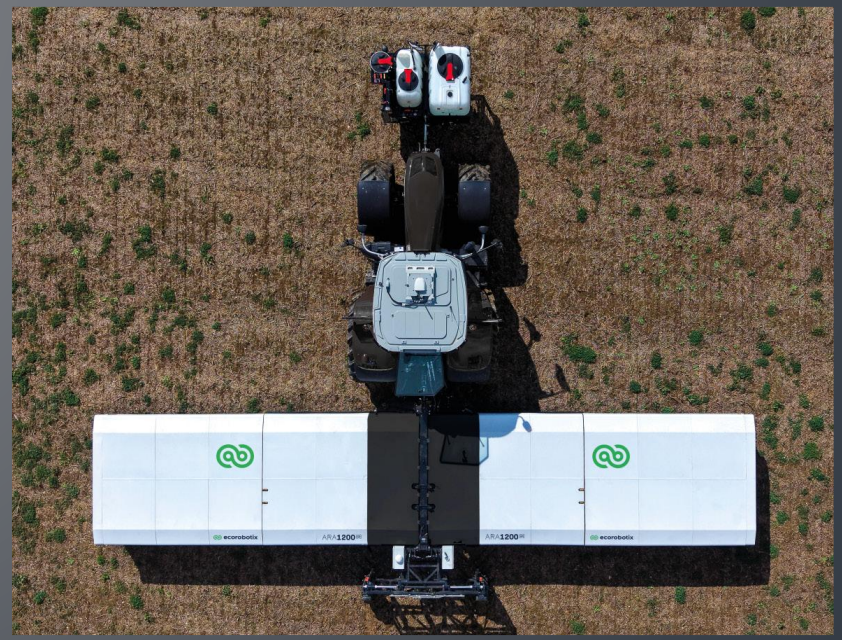
THE FUTURE

- Continuing algorithm developments…
- Higher precision?
- Wider machines? And narrower?
- Digital services and data gathering









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Thank you for your attention