

Savings & Profitability

Reduce non-residual herbicide use by 88% on average by precisely spraying only the weeds.

With nozzle spacing of 10 inches we provide the most precise spraying resolution in the industry, ensuring plant-level treatment and maximum savings on crop inputs.



Efficacy & Productivity

Reducing chemical use allows farmers to invest in more complex tank-mixes that were not affordable when applied on a broadcast basis. This enables to more effectively manage herbicide resistance, improve weed control efficacy, and increase productivity.



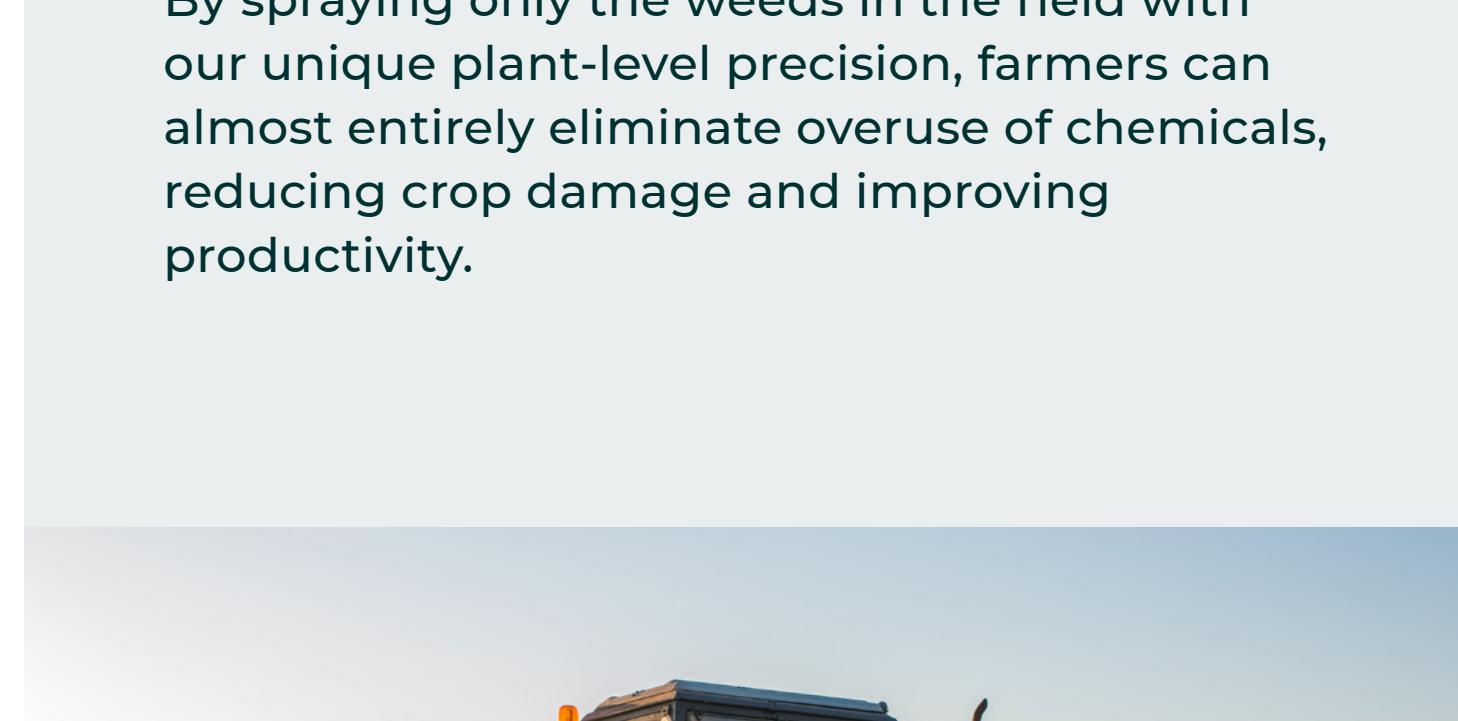
Artificial intelligence

Greeneye utilizes artificial intelligence, deep learning technology and a proprietary dataset of millions of labelled images to identify weeds in-crop down to the species level with unparalleled accuracy



Reduce crop damage

By spraying only the weeds in the field with our unique plant-level precision, farmers can almost entirely eliminate overuse of chemicals, reducing crop damage and improving productivity.



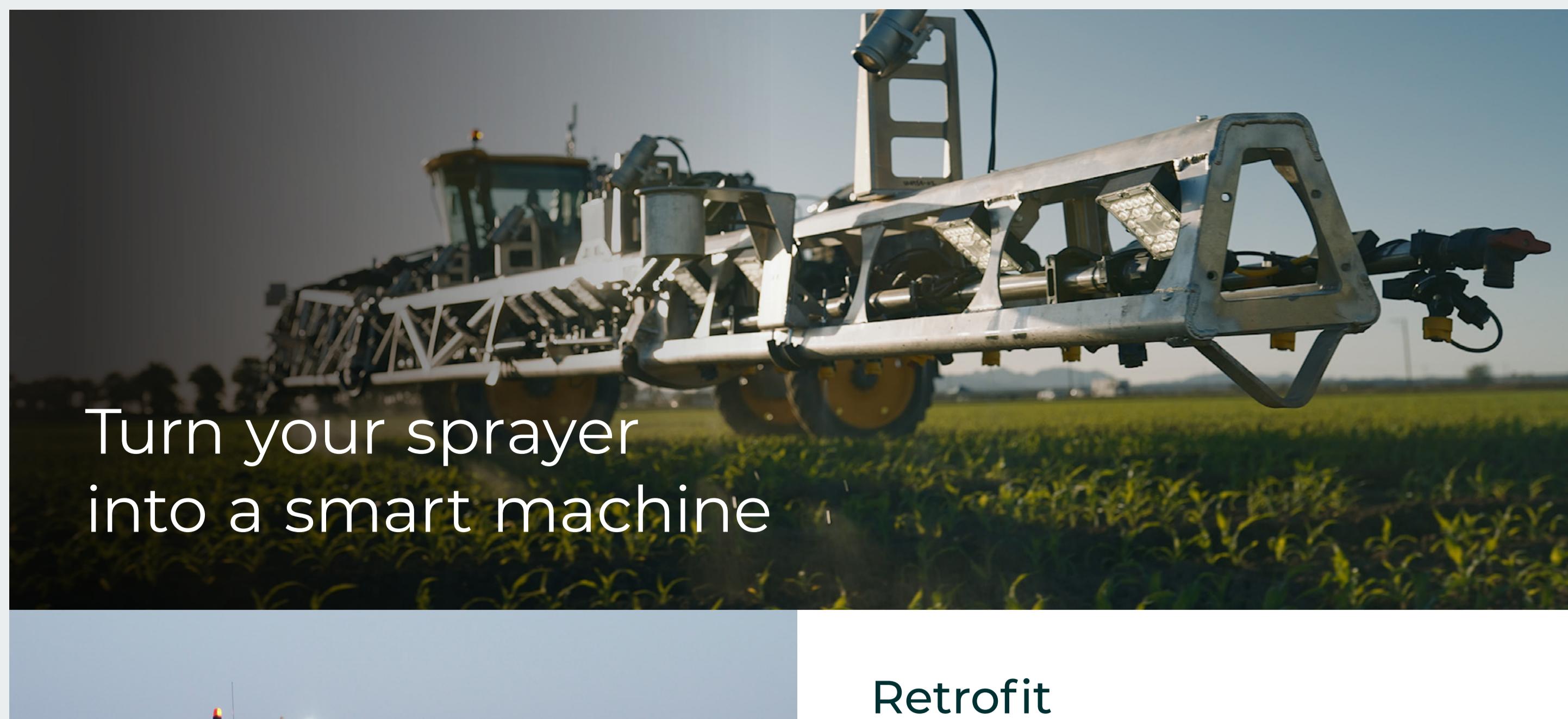
Reduce drift

Dramatically reduces drift of Dicamba and 2,4-D by spraying ultra-coarse droplets at a higher GAP (gallon per acre) from the precision line, to cope with regulations and to protect crops.

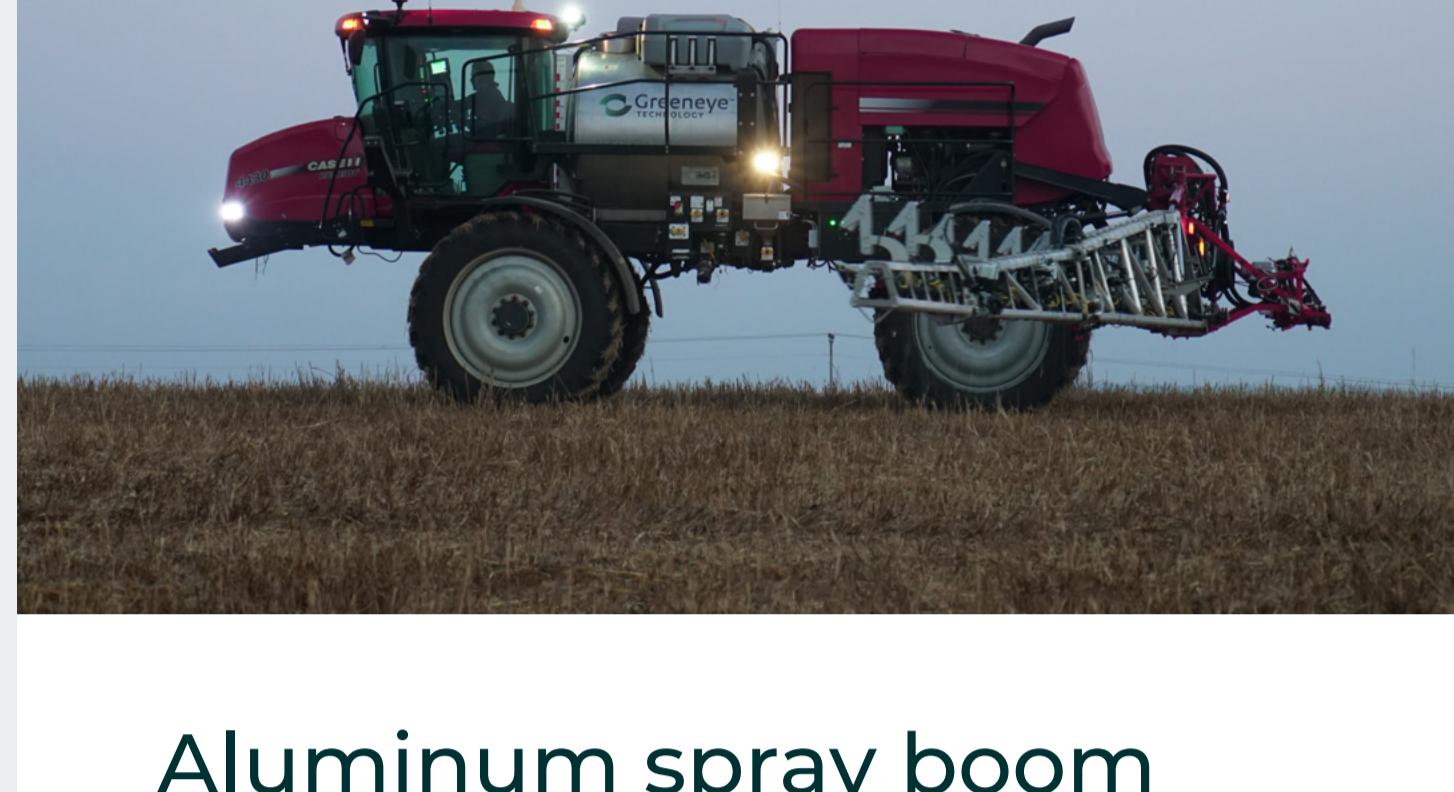


The future of farming

We revolutionize the weed and pest control process in agriculture, transitioning from the current wasteful practice of broadcast spraying to precise application of inputs.

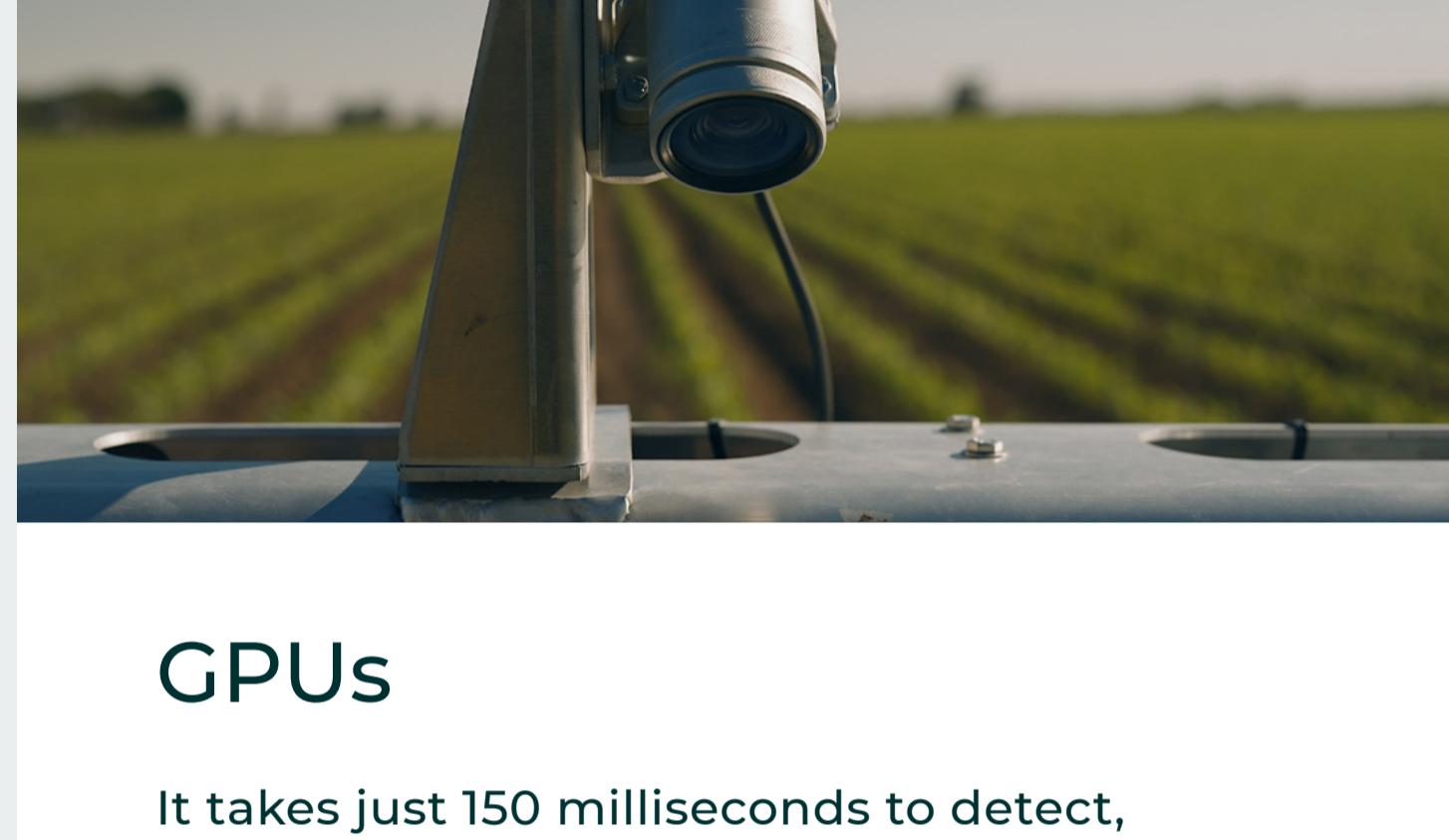
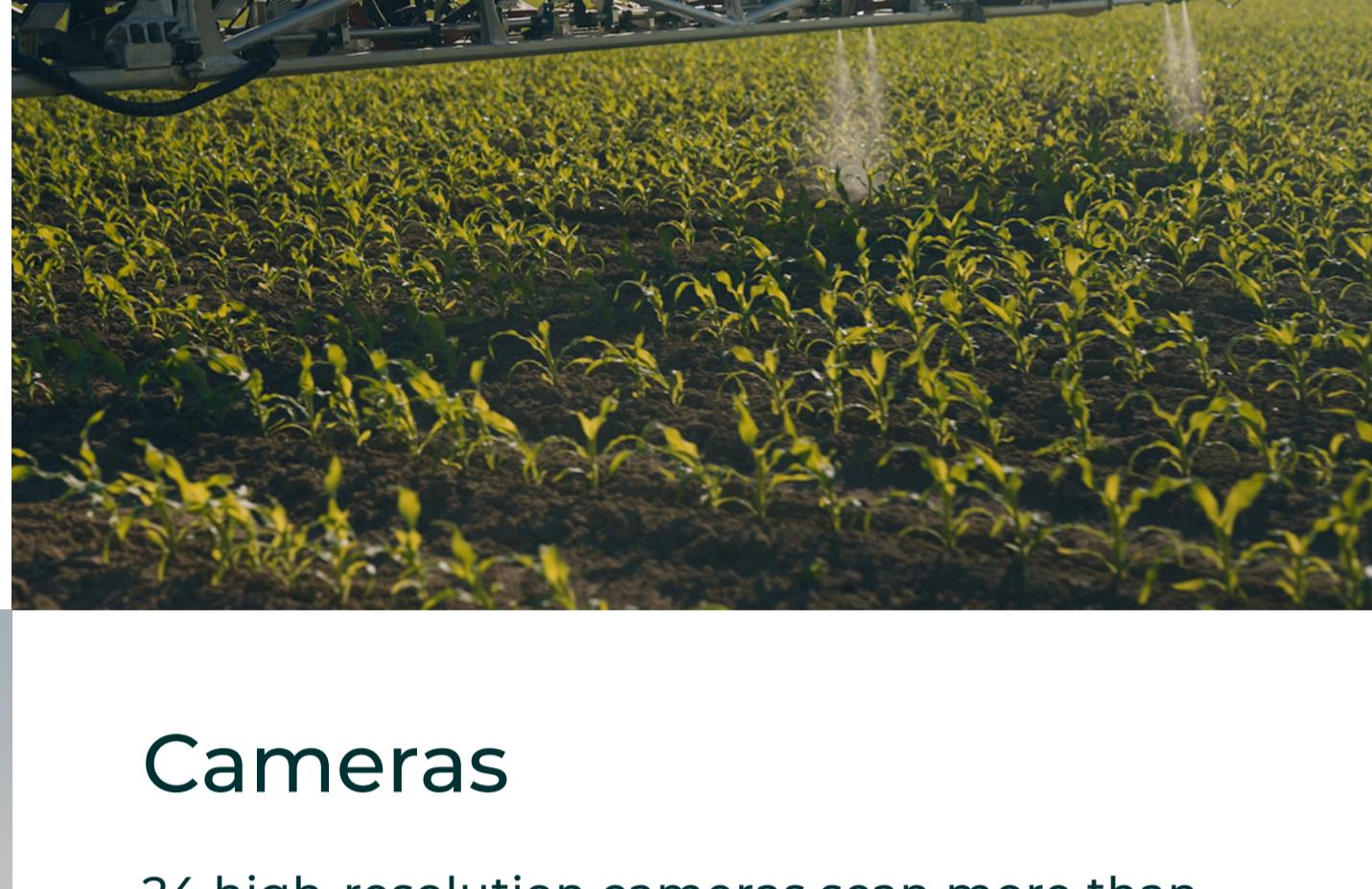


Turn your sprayer
into a smart machine



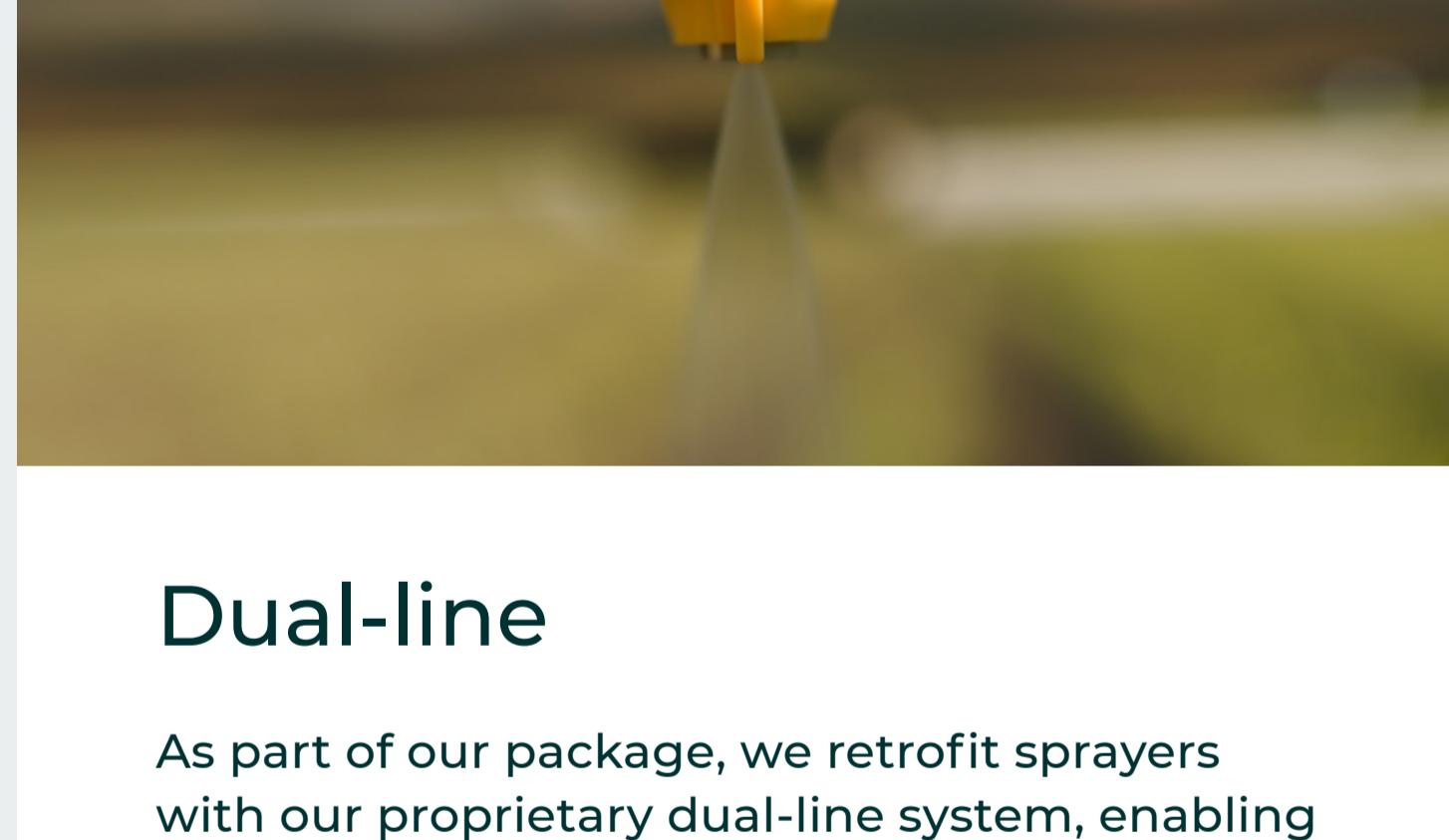
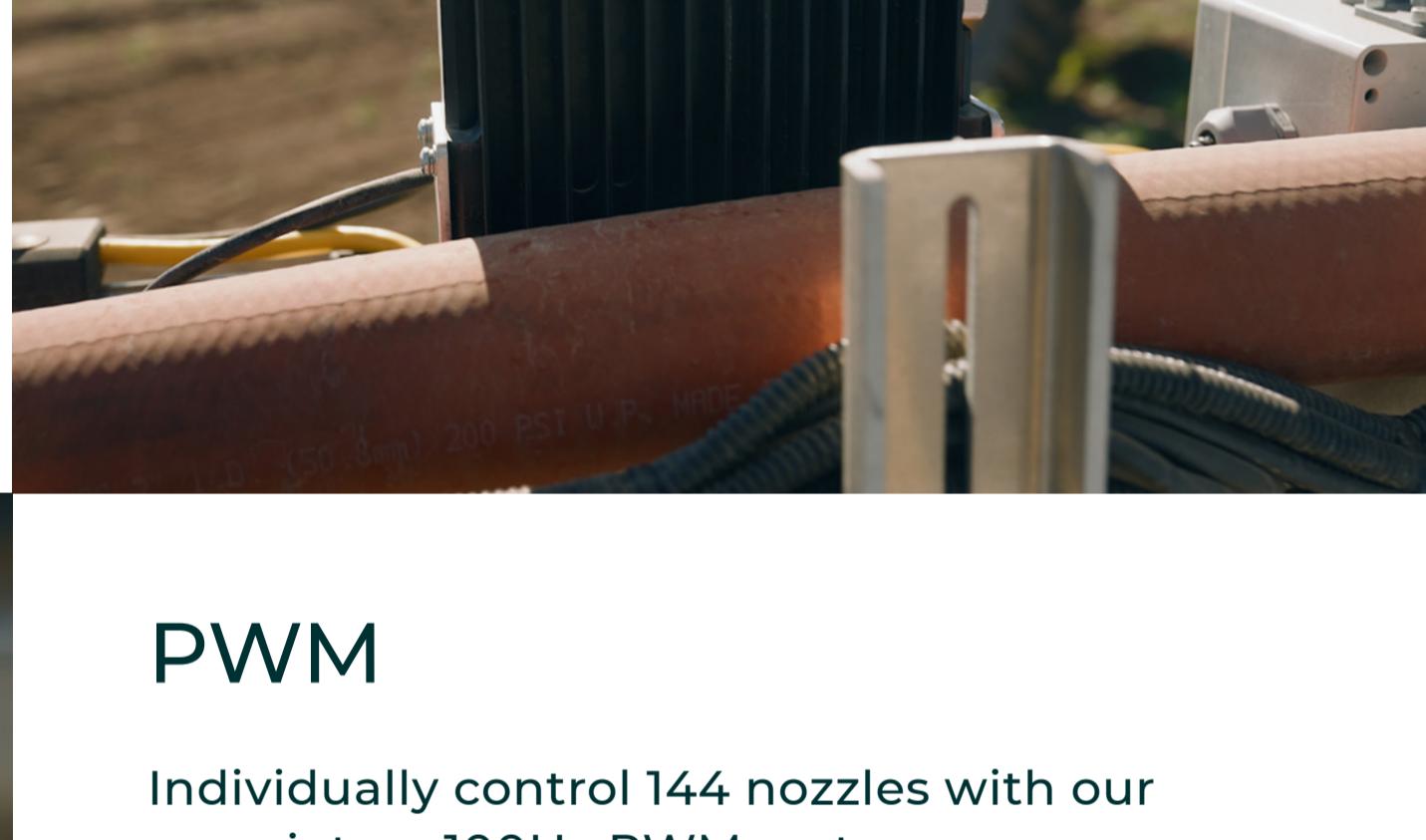
Aluminum spray boom

The Greeneye system is supplied pre-installed on a lightweight and highly-durable aluminum spray boom.



GPUs

It takes just 150 milliseconds to detect, classify and spray each weed. This is carried out in real time by 12 rugged onboard graphic processing units.



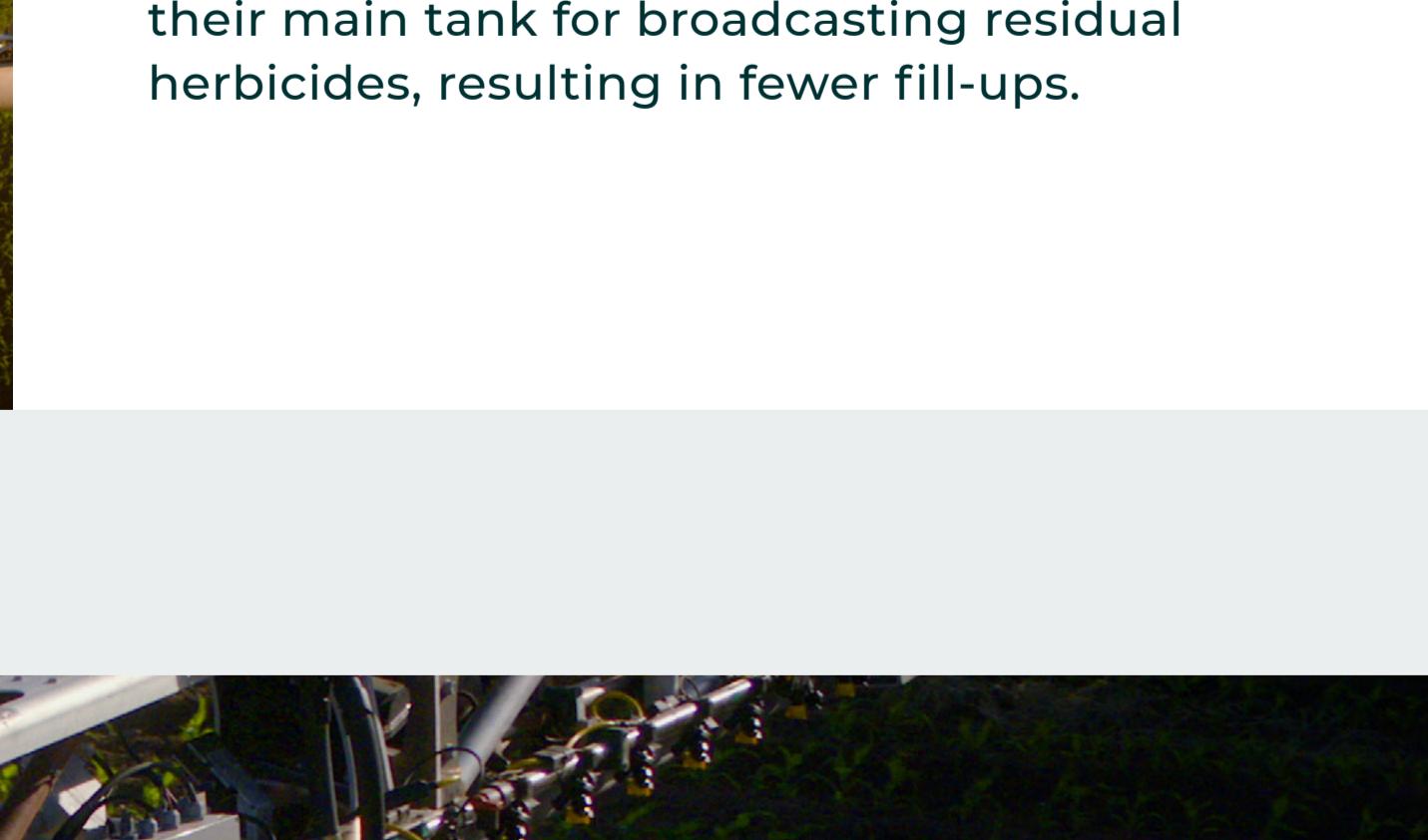
Dual-line

As part of our package, we retrofit sprayers with our proprietary dual-line system, enabling farmers to apply residual herbicides on a broadcast basis while applying non-residual herbicides precisely on weeds, for ultimate weed control.



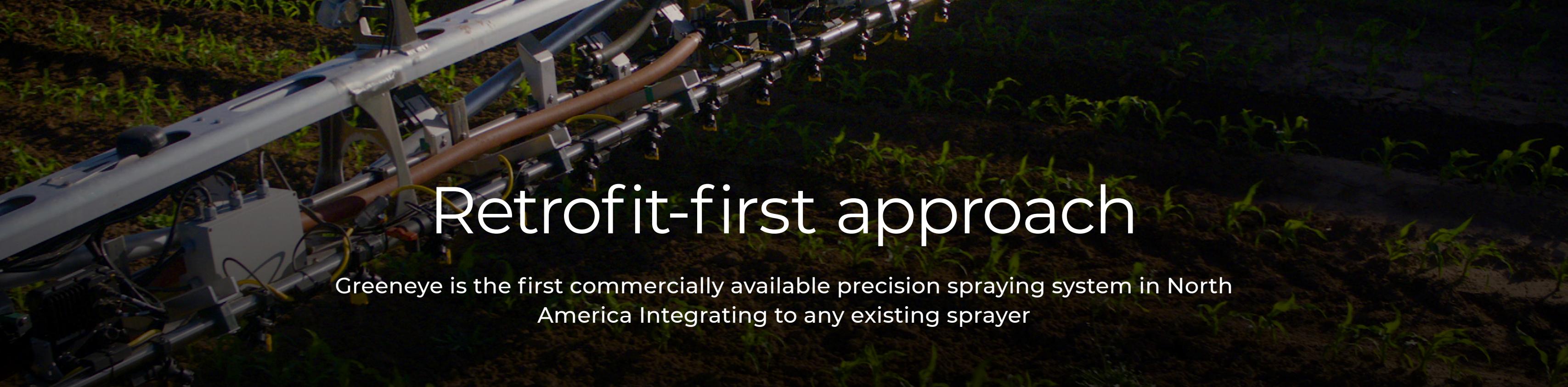
PWM

Individually control 144 nozzles with our proprietary 100Hz PWM system Providing the only plant-level precision spraying capability in the industry.



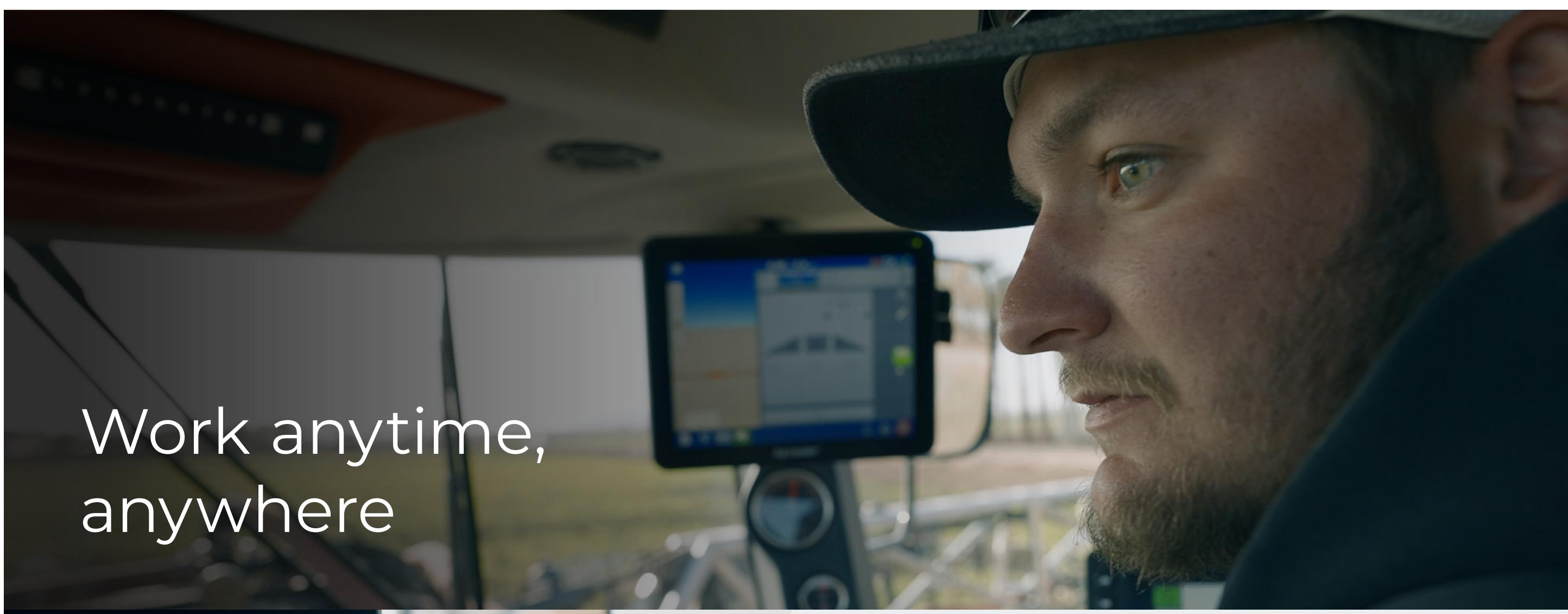
Dual-tank

We also add a small additional tank for non-residual herbicides. This allows farmers to use their main tank for broadcasting residual herbicides, resulting in fewer fill-ups.



Retrofit-first approach

Greeneye is the first commercially available precision spraying system in North America Integrating to any existing sprayer



Work anytime,
anywhere



Travel speed

Designed to operate at commercial travel speeds of up to 15 mph, ensuring maximum coverage.

GoB & GoG

Switch from green-on-brown to green-on-green with the simple press of a button.



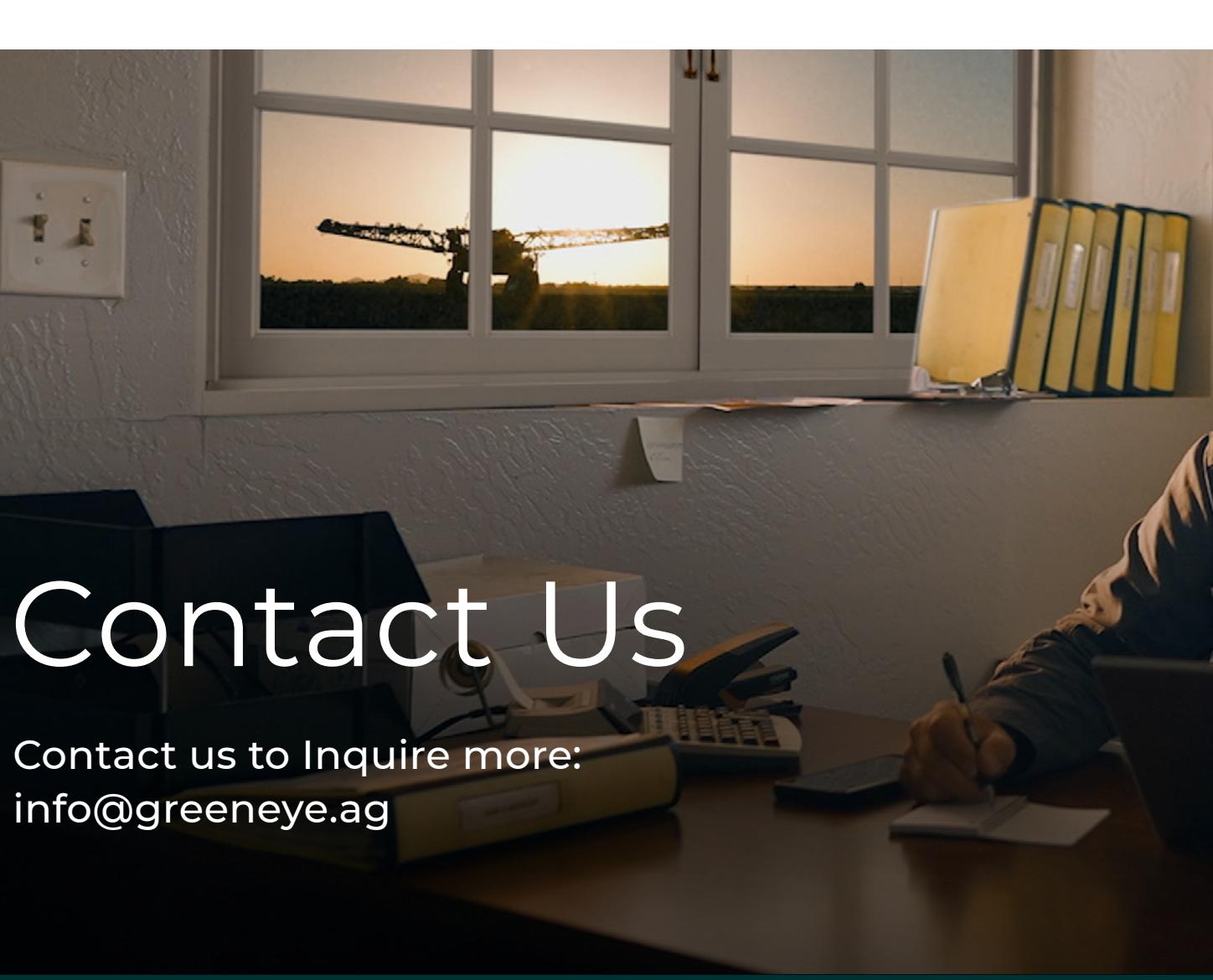
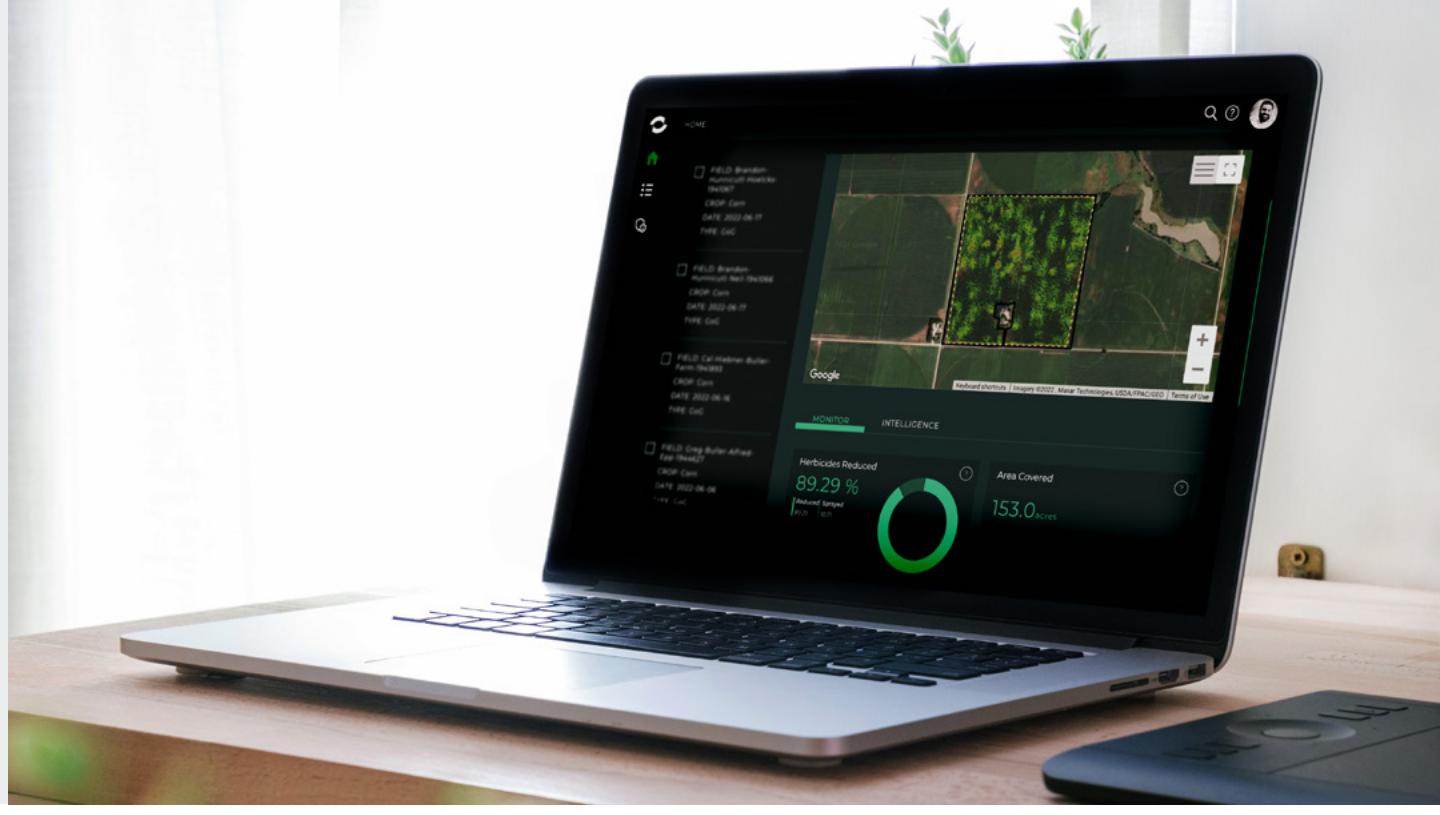
Day & Night

Proprietary pulsing lights positioned along the boom enable 24/7 operation, providing farmers with longer application windows.



Scouting reports

High-resolution images of the field are used to create species-level weed maps, and to provide insightful analytics on crop stand counts, crop stress, and much more.



Contact Us

Contact us to inquire more:
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