

SmartStriker X™

Smart Spraying system



The right dose, in the right place

FCT

FIELD CRAFT TECHNOLOGIES

PERFECTING PRECISION APPLICATIONS



Carbon Bee

SmartStriker X

Real time localised spot spraying and modulation

Introducing Carbon Bee Smart Striker X, a revolutionary new generation "plug and spray" system allowing you to modulate your chemicals according to the needs of the crop.

Green on Brown for stale seedbeds & cultivation burn off (up to 95% savings),

Green on Green for weed control in growing crops (up to 90% savings),

Modulation for herbicide, fungicide, nitrogen and desiccant real time modulation (Coming soon)



Flexible to suit your requirements:

Spot Spraying triggers individual nozzles, or a bank of nozzles to actively target weeds detected and identified by Smart Striker X. Max dose on every trigger ensuring good weed kill.

Dual-dose applies a lower rate across the boom and a higher rate where weeds have been detected and identified by Smart Striker X. Ensuring maximum coverage of the ground whilst ensuring good weed kill on larger weeds.

Modulation applies a rate which is proportional to the target biomass, weed or crop, between a low rate and high rate. This is useful where there are different stages of weed size and biomass. This mode has the possibility to also be used to variably apply fungicide based on crop biomass and nitrogen based on crop biomass. (Coming soon)

Thanks to its embedded artificial intelligence system, Smart Striker X takes control of your PWM system to apply the right dose and to the right place.

During each operation Smart Striker X automatically maps weeds and treatments and syncs seamlessly to the HIVE online platform. This gives optimal traceability and better monitoring of weed control and burdens over the years.

This feature also allows for SFI evidence to be easily shared allowing you to claim £43/ha for using the Smart Striker X system.

Significant reduction in chemicals

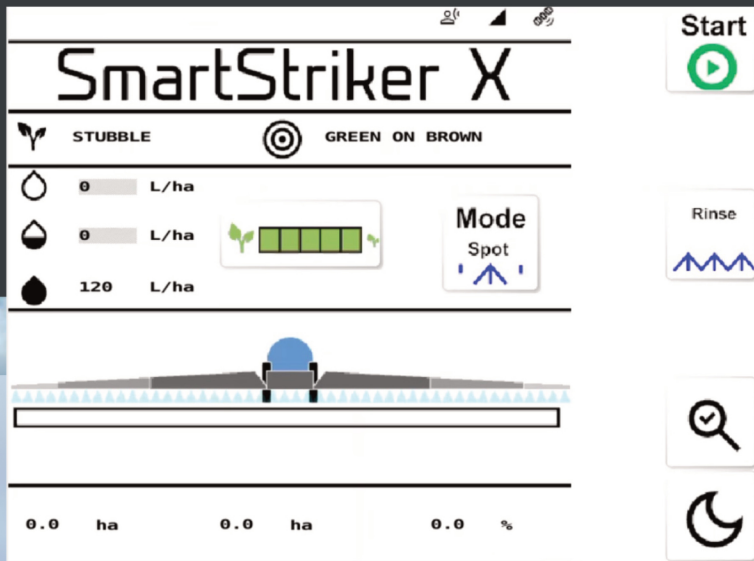


In this example a stubble field was sprayed using Smart Striker X, the application has been synced to the Hive online platform and displayed showing treatment zones in blue.

Total savings for this field were 82%

Not only are chemical savings achievable with Smart Striker X, you will also save on water, sprayer engine hours, tank refill and labour costs are also reduced significantly.

by Carbon Bee



A complete solution that can be easily integrated

Smart Striker X integrates with the sprayer via the CAN network allowing it to communicate with your PWM system and controlling nozzles.

It also has the ability to display information over ISOBUS allowing for a less cluttered cab and simple user interface.



State of the art technology

Hyper spectral & RGB cameras

Embedded **Artificial Intelligence**

to actively detect and identify weeds in growing crops.

This advanced technology allows for faster and more accurate detections real time.

A wide range of crop types and weed types are already available and more are added every few months.

Smart Striker X supports remote updates and remote support.

No extra fees and no extra subscriptions



	Sensor X	Controller X
Weight (kg)	0.5	1.5
Protection index	IP69K	IP69K
Voltage (V)	10-60	10-60
Power (W)	5 max	5 max

ISOBUS COMPATIBLE

Number of sensors	1 every 3m
Max work speed	Up to 25 km/h

PWM system compatibility:





For the most up to date list of compatible PWM systems check our website in the Carbon Bee modes and savings area.

www.fieldcraft-tech.co.uk



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