

AgroCopter

Your partner in quality and timely spaying



AgroCopter. We are:



Andrii Konovalov, CEO

Education: crop protection specialist

In agriculture since 2015

Founder of AgroCopter



Sviatoslav Neporada, Pilot

Education: technical (machinery)



Bohdan Odanets, Pilot

Education: technical (engineer)

We do timely and high quality spaying of your crops



We provide:



+



+



+ professional licenced pilot



Technical parameters. Key crops:



- Rapeseed



- Sunflower



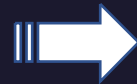
- Soya



- Corn



+ possibility to
study



- Fruits

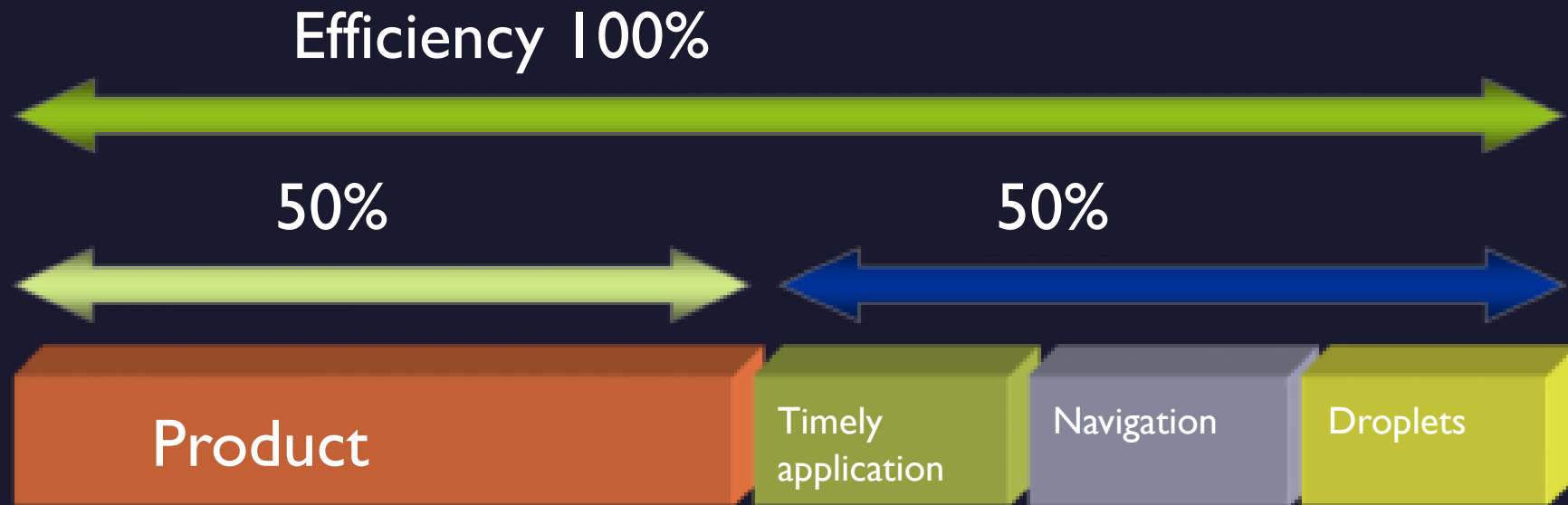


- Vegetables

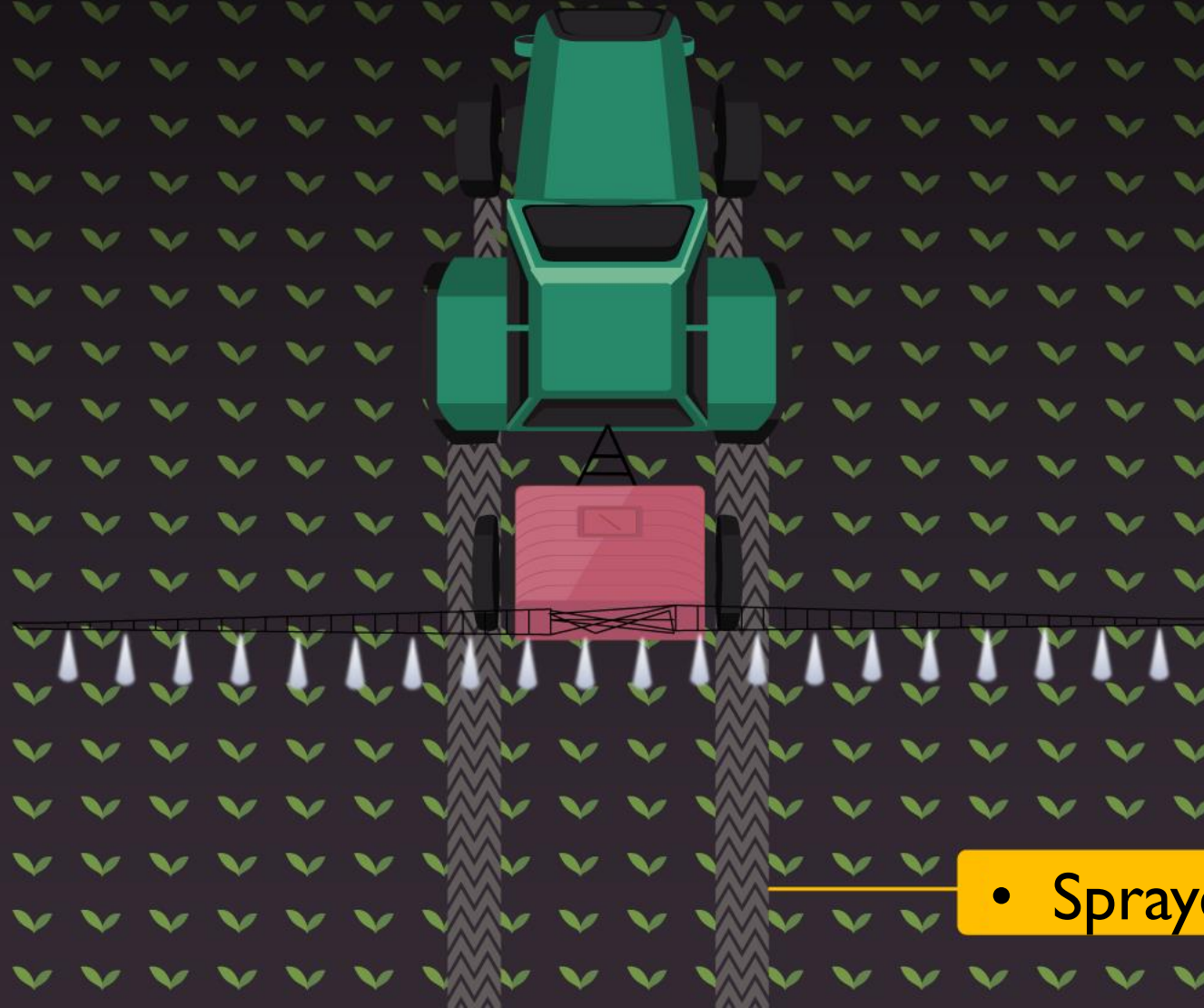


So why do you need this?

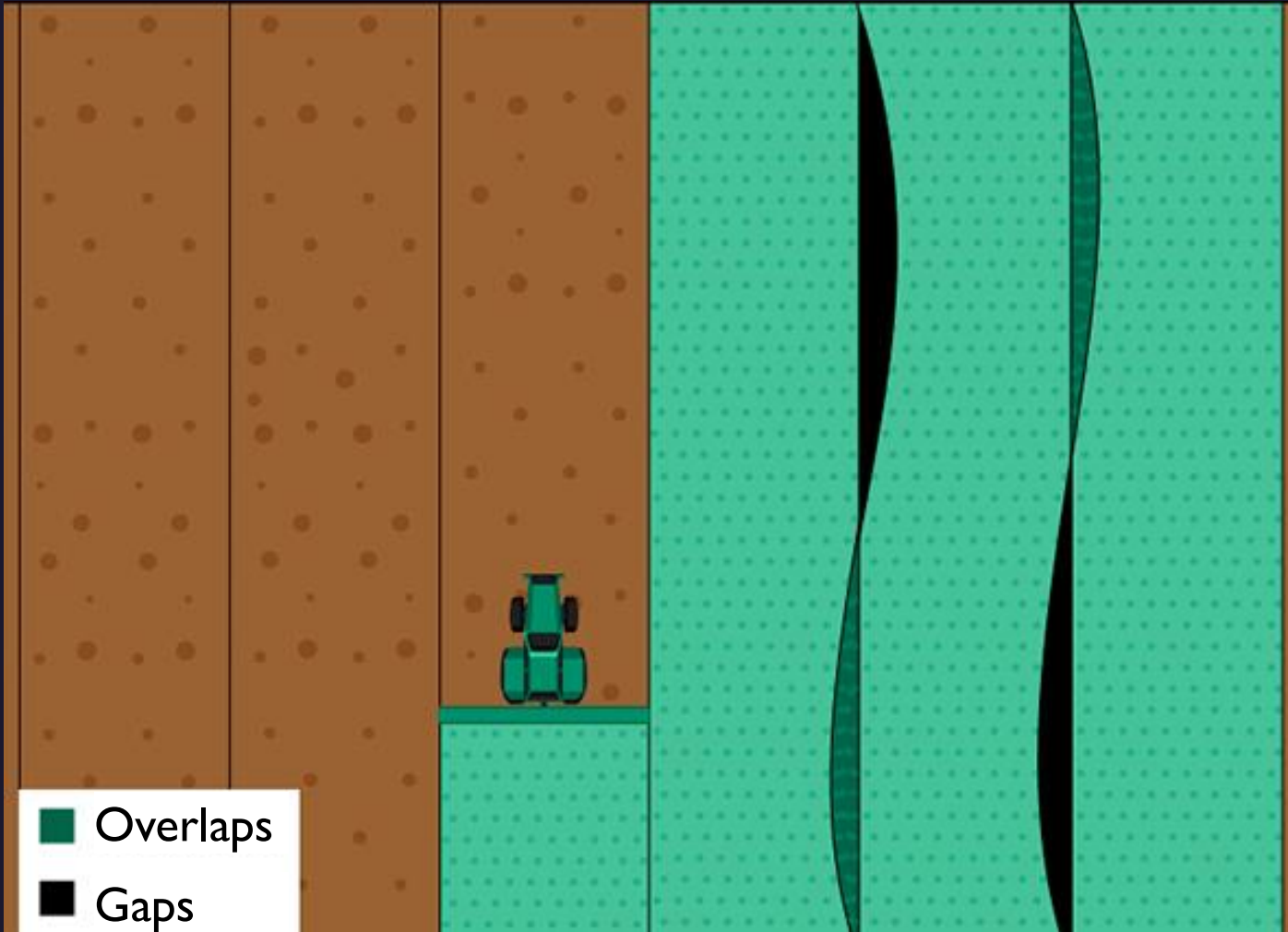
Where do you lose money?



Sprayers kill plants



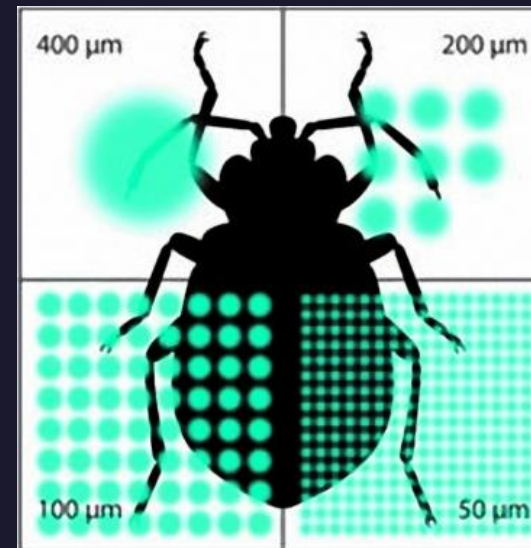
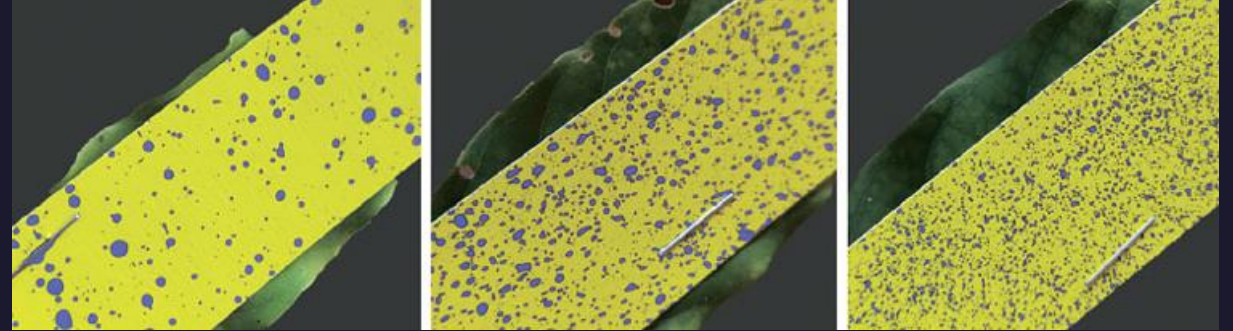
- Sprayer track



Human factor,
even using
high precision
tools

Small droplets are more effective

- Target coverage with the same water volume per hectare is different depending on the size of droplets



Water needed for 150 ha

Agras T30

1 IBC



Berthoud / Horsch / John Deere

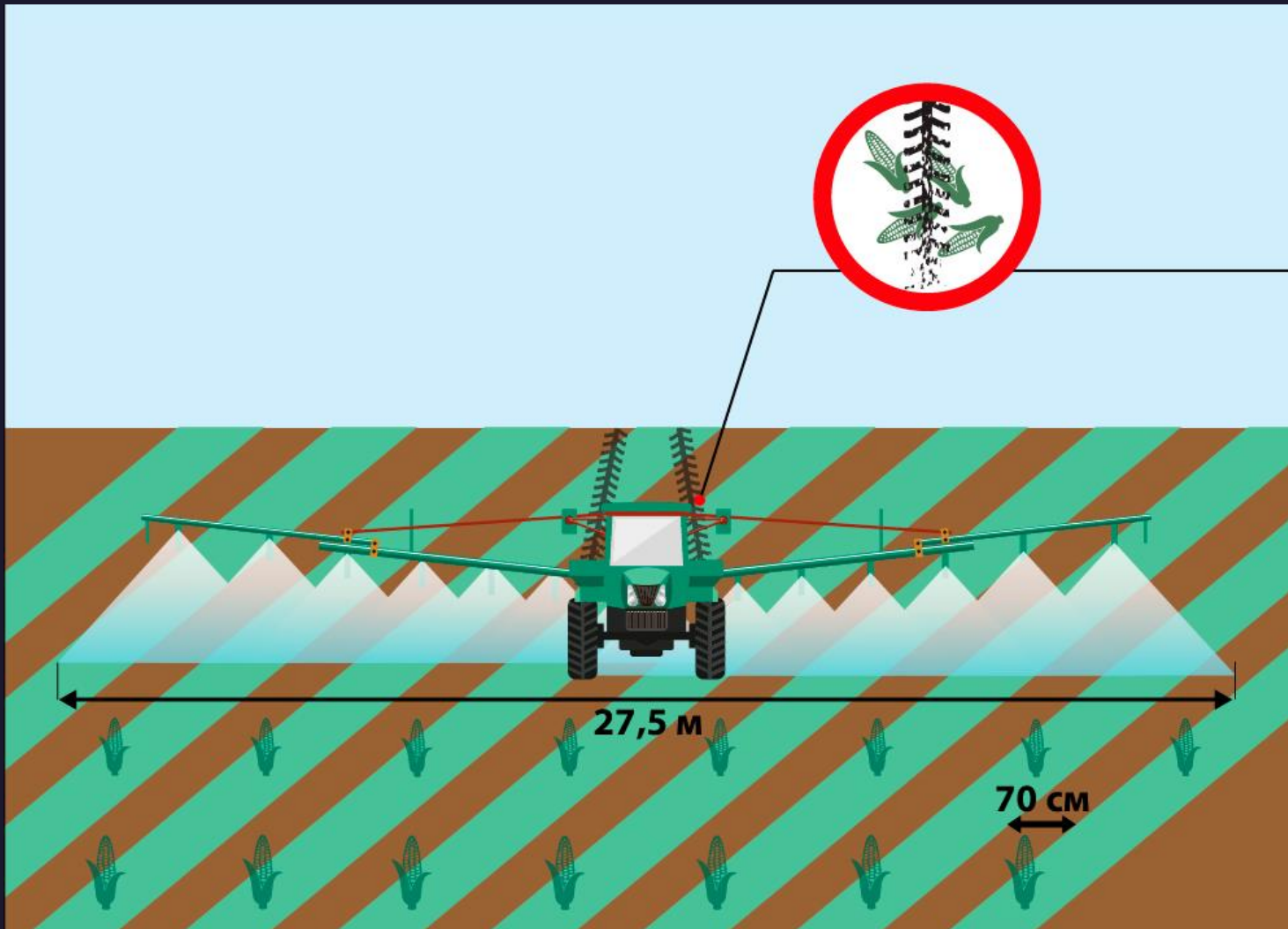
30 IBCs





Few examples of economic losses with sprayers

Sprayer tracks



Ideal field **100 ha (1000x1000m)**

1 bag of seeds – **70 000 units**

Yield – **8 t/ha**

Corn price – **270 EUR/t**

Tracks kill – **4 plants per passage**

Quantity of rows

$$1000 / 0,7 = 1428$$

Quantity of passages

$$1000 / 27,5 = 36,3$$

Quantity of lost plants

$$1428 \times 36,3 \times 4 = 207\,345 \text{ (3 ha!)}$$

PURE LOSS

$$270 \times 8 \times 3 = 6\,480 \text{ EUR}$$






Map of overlaps while spreading

Real example

Agroholding MHP (Ukraine)



Losses due to landscape

Speed 10 km/h		PPP losses		
Sprayer width		18	27	36
Rectangular shape Straight lines		1,5%	1,5%	1,5%
Rectangular shape Lines under angle		4,4%	5,8%	7,3%
Parallelogram Line with obstacles		3,0%	3,7%	4,4%
Round shape Straight lines		7,4%	9,2%	11,7%
Complex shape Complex lines		13,0%	18,0%	23,0%

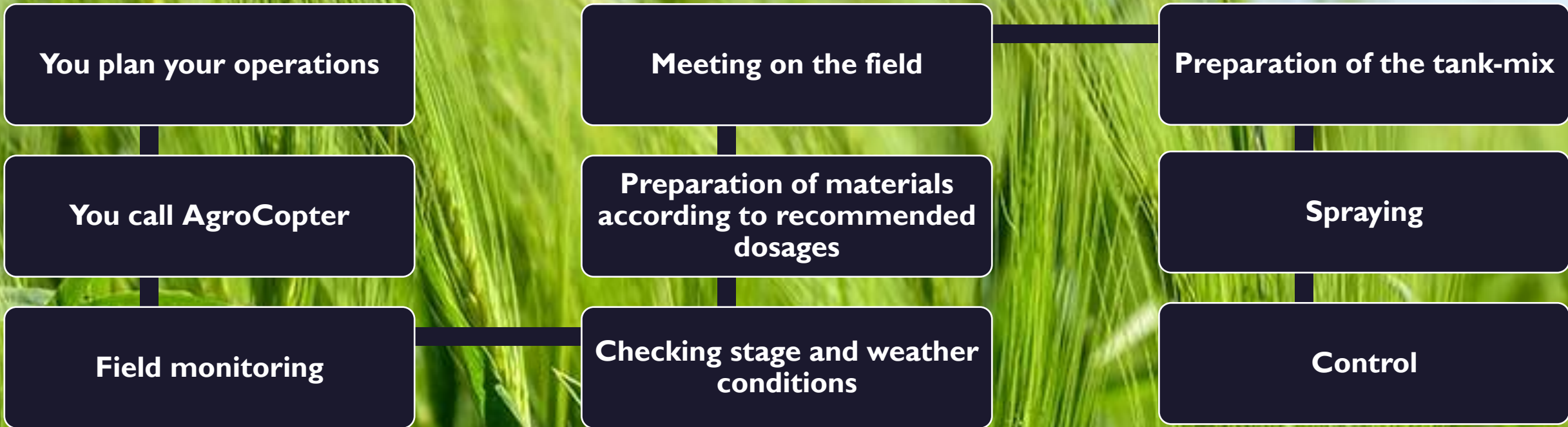
Total average benefit of using drones per hectare



**+ 86
EUR/ha**

- Sprayer tracks losses **64,8 EUR**
- Overlaps losses **11,2 EUR**
- Landscape losses **10 EUR**





This is the right way to get more money



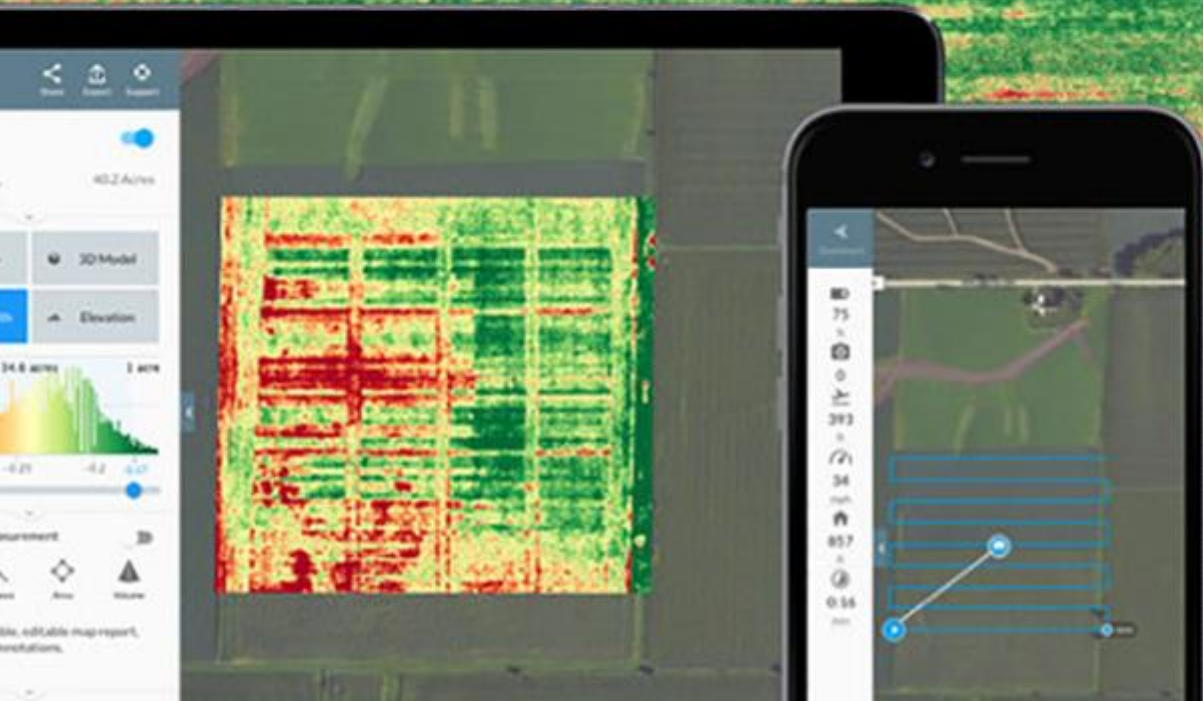
Field Monitoring:

To know more is to earn more!

Up to 2500 ha per day

Better than satellite :

- In case of cloudy weather
- Instant result
- Better quality picture



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