

AgroCopter

Your partner in quality and timely spaying



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

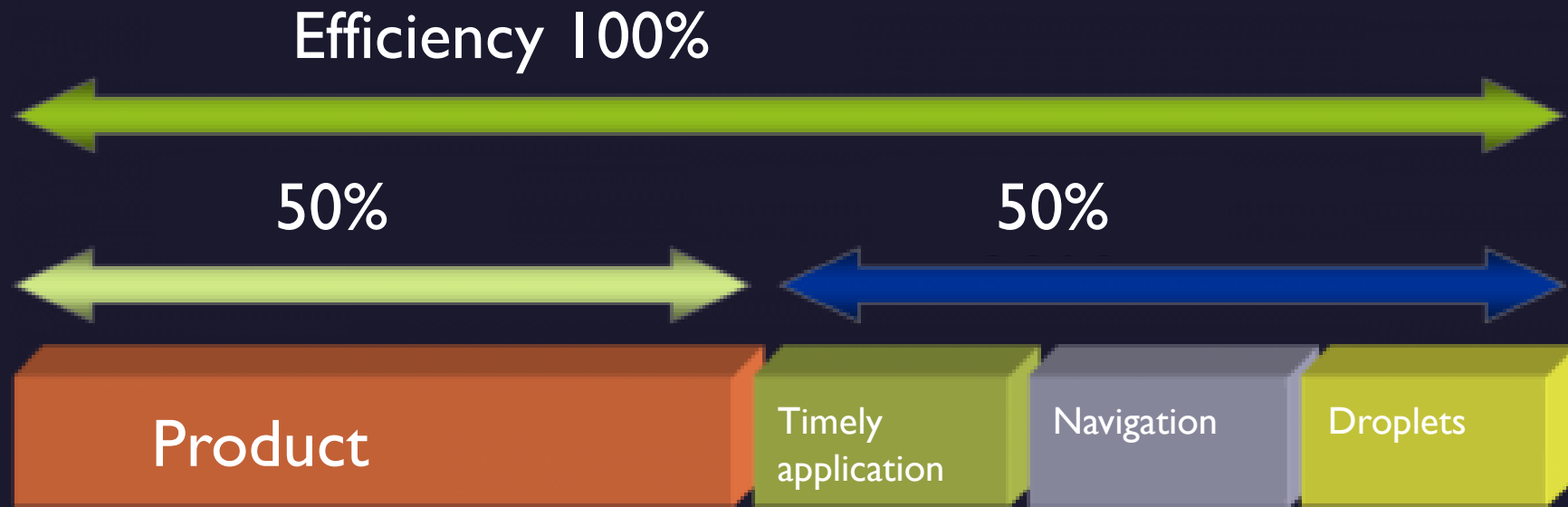


- Vegetables

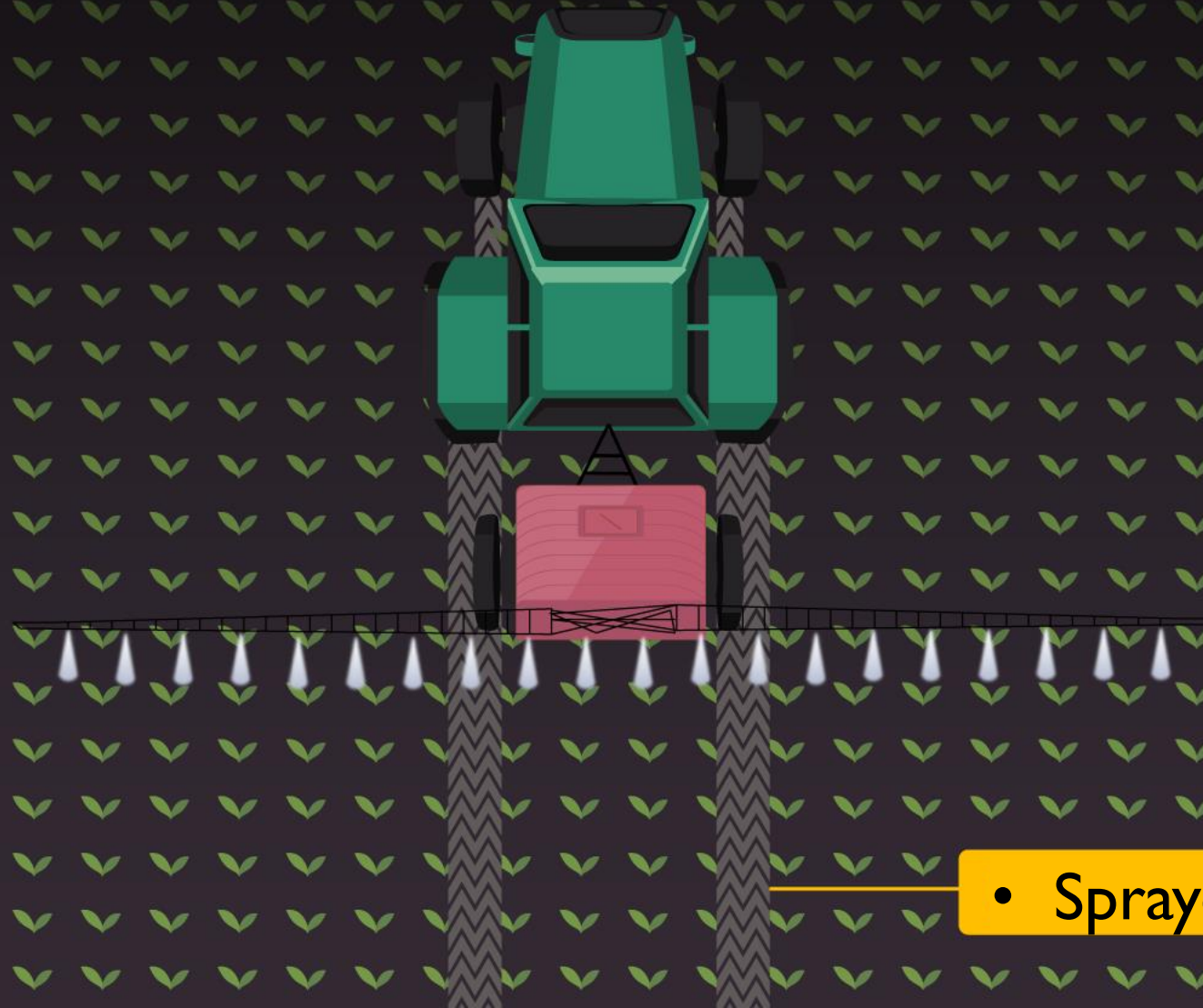


So why do you need this?

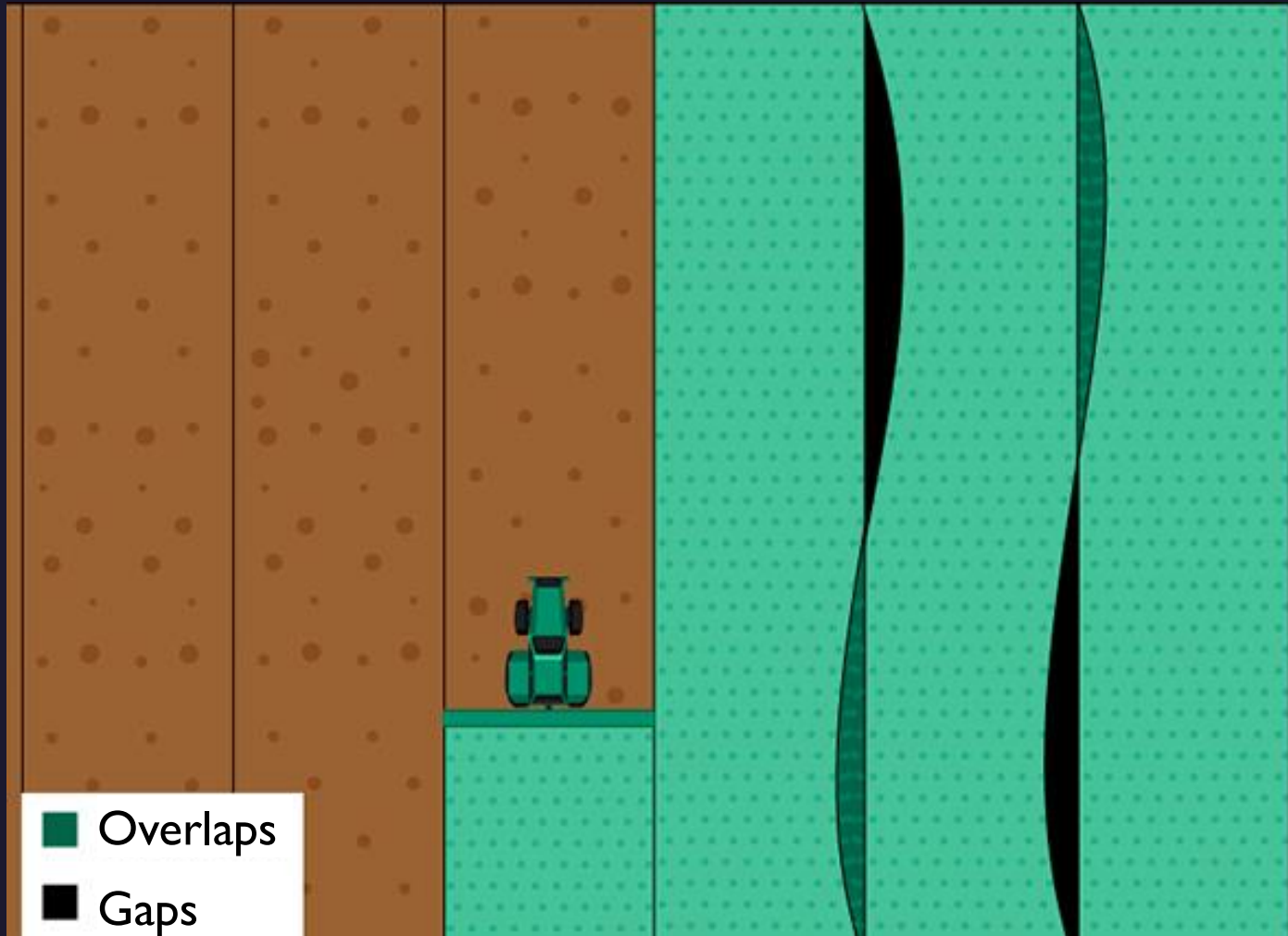
Where do you lose money?



Sprayers kill plants



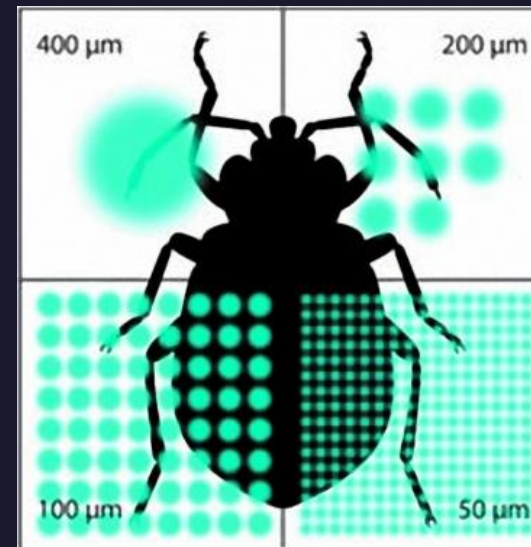
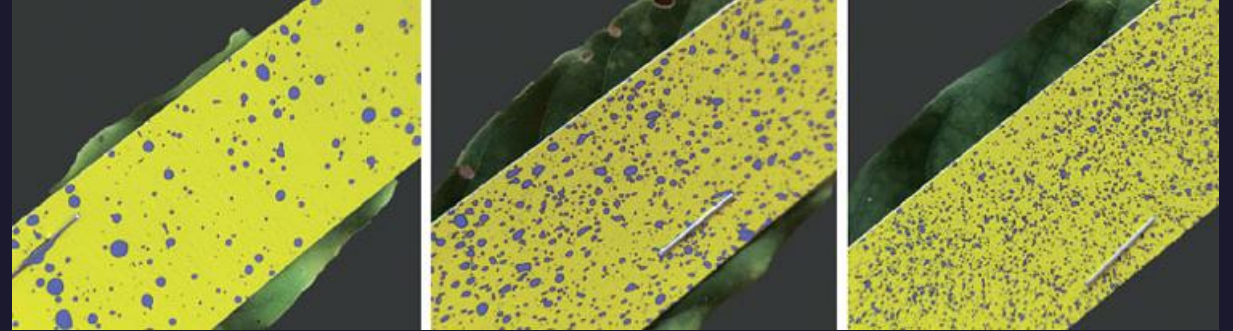
- Sprayer track



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

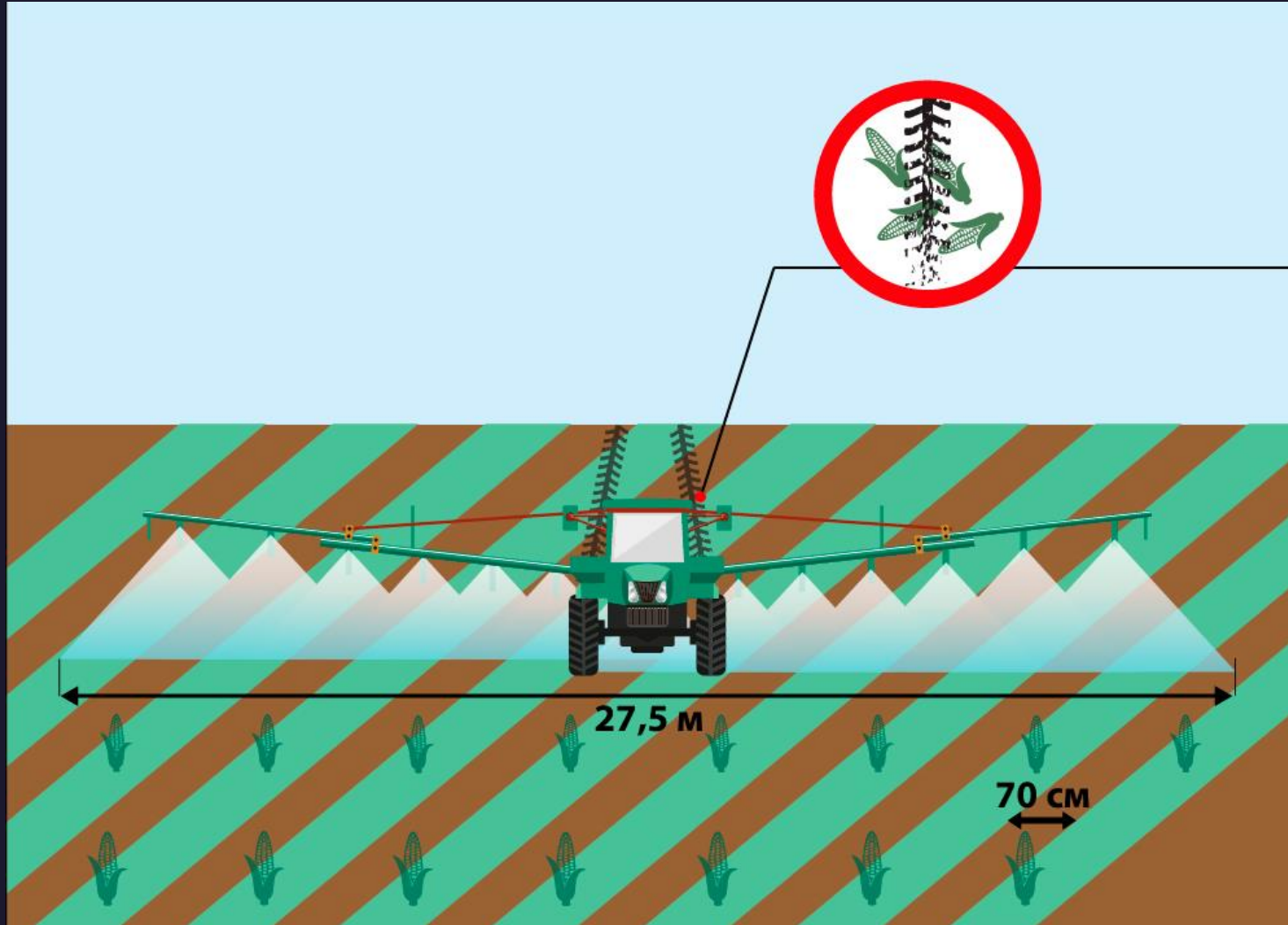
30 IBCs





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

PURE LOSS

$270 \times 8 \times 3 = 6\,480$ 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%

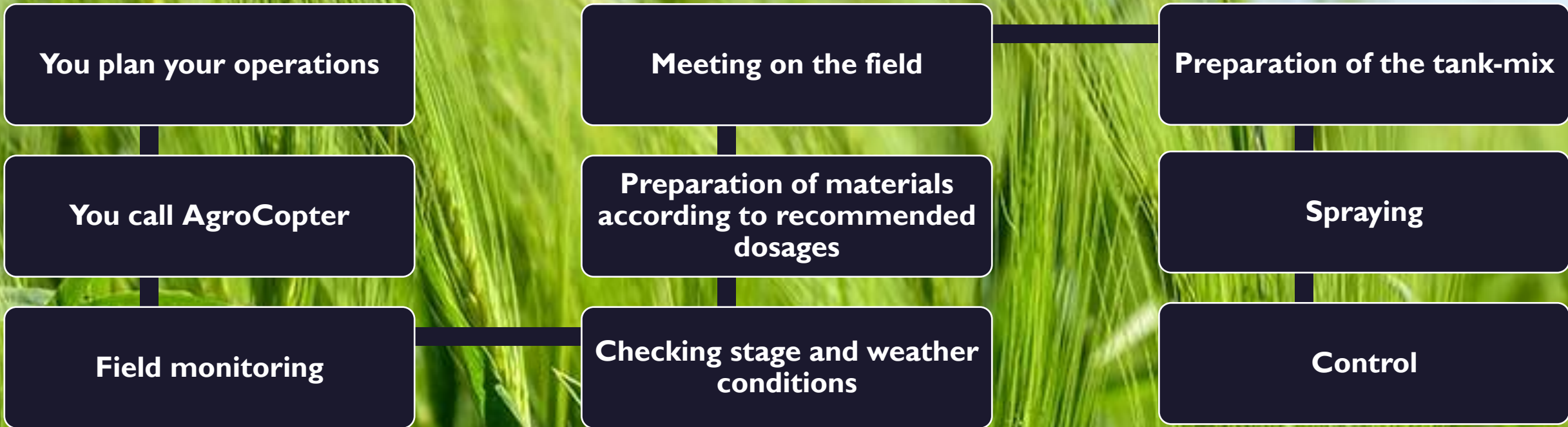
Total average benefit of using drones per hectare



**+ 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



Contacts

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