

Beautiful example of spot spraying

Better for the environment, cost effective and available since 2016



If we can do this, can you imagine what we can do with spot spraying to reduce the amount of chemicals used in the world? And still increase the yields on your farm?

This thought was the starting point for this fine piece of spraying. This spraying technique is better for the environment, is cost effective and is available for the grower to use now. Agrifac has been actively developing and supplying this technology since 2016. Worldwide, hundreds of self propelled sprayers are now equipped with this unique Agrifac technique.

There are nozzles every 25 cm on the boom, which means the grower can spray on plant level. Each nozzle can dose independently. This is done with a fast-switching nozzle that switches on and off 100 times per second. By loading a taskmap into the machine, spraying can be done precisely and accurately. By means of GPS, spraying at the exact location required is possible.

To show the rest of the world how accurate this work is, Agrifac came up with an environmentally friendly dye to make this painting in the snow. This version measures no less than 132 by 200 meters, which makes this version one of the largest “paintings” ever.

Some numbers:

Plot size 144m x 216m
 Surface 3.11 ha
 Image size 132m x 132m
 sprayed liters 1635 liters
 Precision 25*25cm
 Max rate 843 l/ha
 Min rate 0 l/ha
 Average rate 525 l/ha
 Unique rates 250

End of pressrelease

238 words

Material and info:

https://drive.google.com/drive/folders/1cr5nDgKLUj_XJNEPQTJyqRh8I-gl1bi?usp=sharing

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