

# Fertilizer spreading technology

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### Aim of the Project

Our aim is to try and see if there is much benefits of spreading fertilizer with the most modern equipment in comparison to the other options.

### Background

To start with we had to gather together the different types of fertilizer spreaders i.i the wag tail , the twin disk and the new isobus vari spread machine and work out and carry out reacherc on each one. We also gathered together information on the latest and greatest auto steering systems to see if this concept was worth while availing of if you were spreading fertilizer. We carried out a series of tests on each one such as the spread pattern how accurately we could calabrate them and of course the price of them to see if they also would be benefit the farmer using any of the three above spreaders.

### Topic



Figure 1:Vicon spreader in operation

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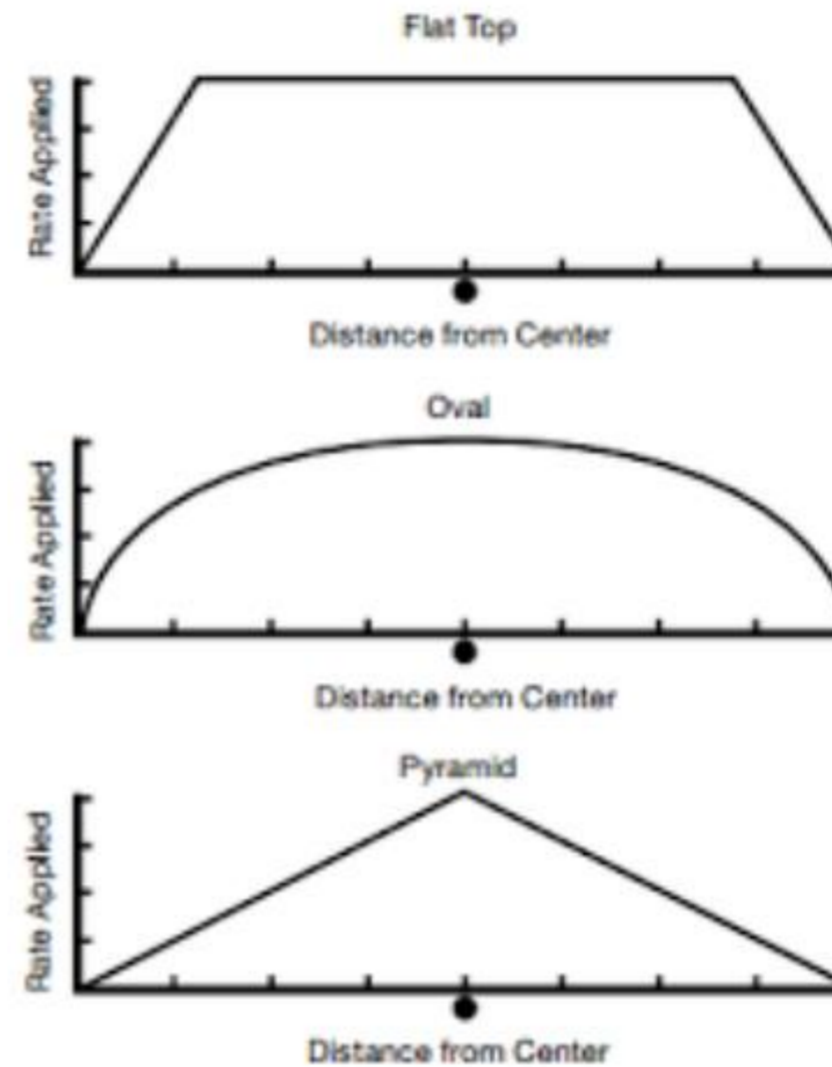


Photo of: spread pattern of fertilizer spreaders

### Conclusion



Figure 3: wag tail spreader in operation.

From the above studies we carried out we can safely say that the vicon spreader with isobus and section controle coupled up with the auto steer is the deapest system but defintly the most accurate by means of the application of fertilizer.

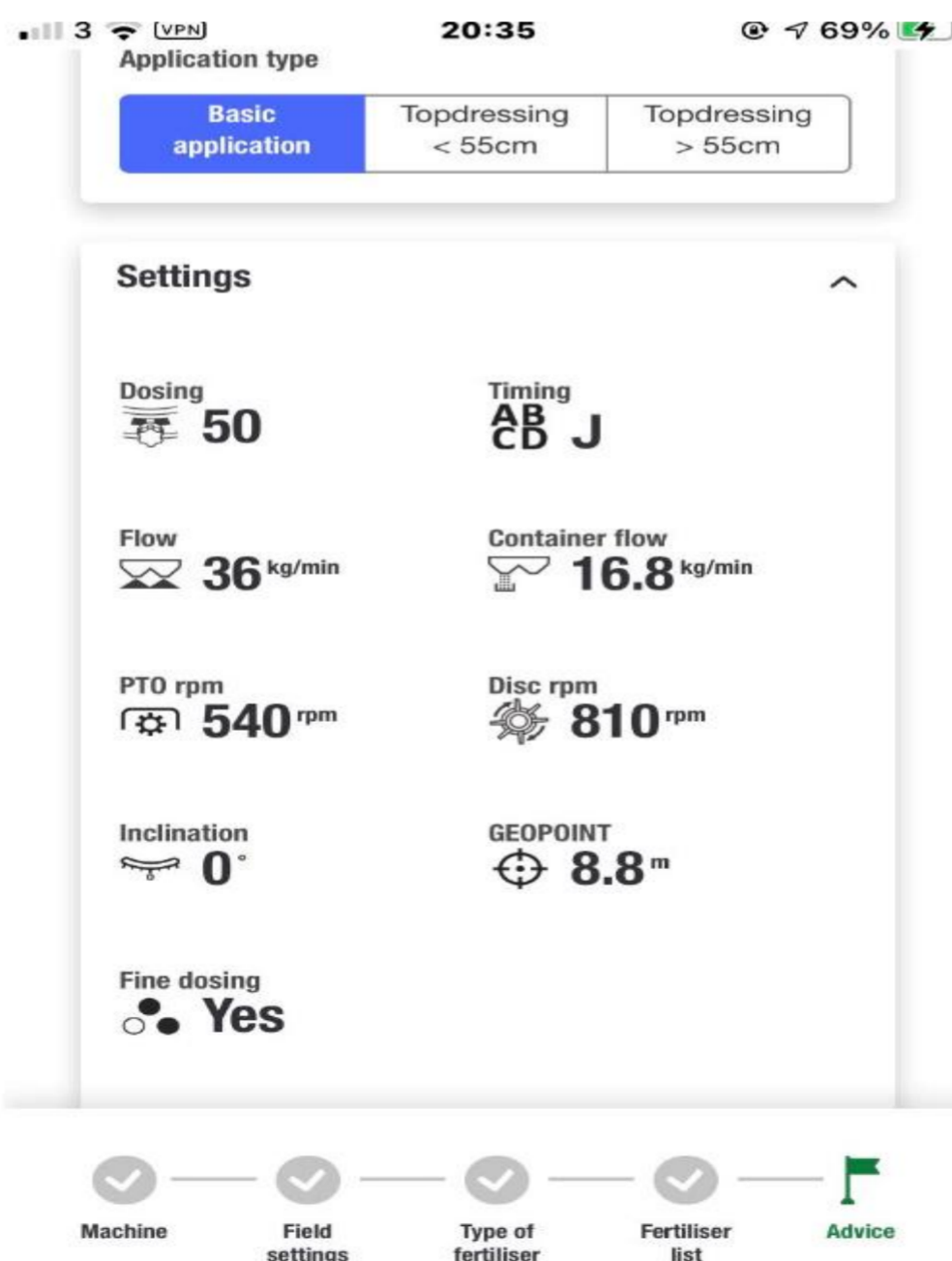
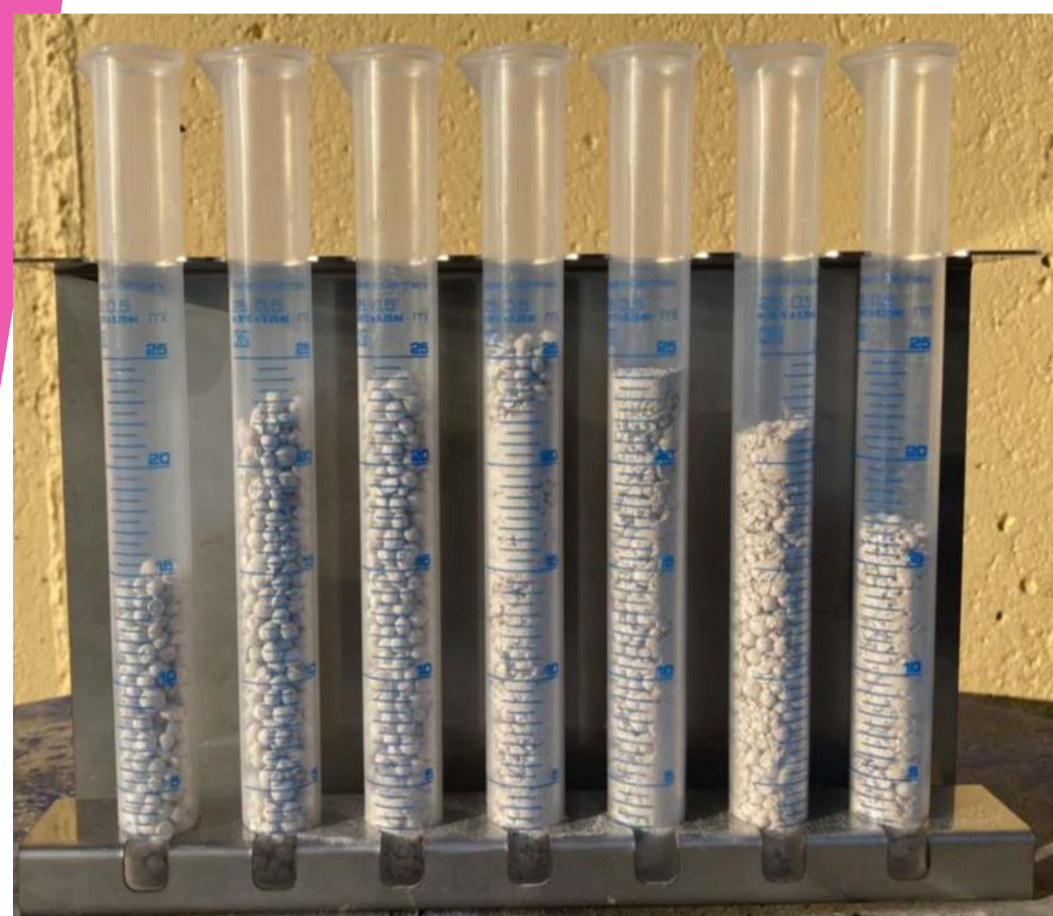


Photo of: Vicon mobile calabration app



Photo of: Greenstar system used

### References

We would like to thank vicon for allowing us to use their website.  
 We would like to thank the collage for allowing us time to carry out these infield tests.  
 We would like to thank colom egan for taking his time out to show us how to carry out these tests.