

Project:

Compilation of lime trial results and grower case studies - WMG00003-B

Bio:

Bill Bowden, Ambassador to West Midlands Group. 50 years research experience with DAFWA in the areas of soil fertility, crop and pasture agronomy and nutrition, modelling and decision support systems. Since retiring, I have worked with the WMG for the past 5 years on various small, industry funded, projects.

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Project progress:

Almost 30 WA alternative lime source trials have been collated. Case studies have not yet been developed. A start has been made on a critical analysis of the nature of the various alternative lime sources, the claims made for them and how they can possibly work in the field. The sources being studied include organic matter, Hylime, Hi-Cal, Calsap, Alkaloams, prilled products, G-lime, flu-ash, kiln dust, bio-lime, gypsum, liquid lime, morrell soils and various pit comparisons. Rates of application, particle size analyses, incorporation, mixing and placement are all factors which will be considered in this analysis and will be cross referenced to an appendix of the trials which have tested them.

Extension activity:

There has been no extension activity in this project to this point in time.

The project needs to be completed, but it is obvious that a lot more work needs to be done on the use of fine particle liming sources.