

DAVID SMITH & RICHARD MORRISON

Farmers, Manawatu

Richard Morrison is a Director and Manager of Morrison Farming, a sheep and beef, breeding and finishing property, north of Marton. His family has been farming at the present location for 150 years. The farm now comprises 16,000 stock units on 1450 effective hectares. Richard is chairman of the Western North Island Beef + Lamb New Zealand Farmer Council and is excited about the opportunities and future prospects of the red meat sector.

David Smith from Holly Farm runs an intensive Romney stud flock north of Marton. As a current member of the Western North Island Beef + Lamb New Zealand Farmer Council, David has an interest in innovative technologies to improve sheep performance. Awarded the Livestock Farm award and the Innovation award in the 2009 Horizons Ballance Farm Environment Awards for his achievements in this area, David has a wealth of knowledge to share.

Using Google Earth for free farm mapping & smart phone apps for your farm

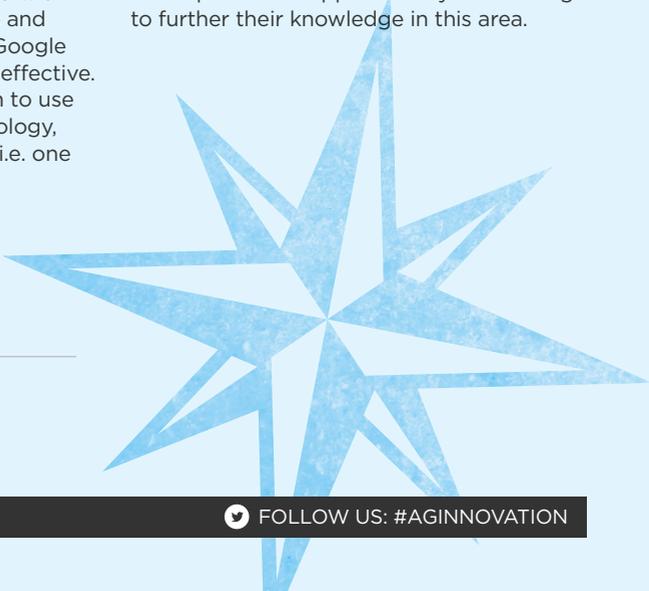
Richard was consistently frustrated with expensive farm mapping software and was introduced to Google Earth. Google Earth is relatively easy to use and effective. His presentation is an introduction to use of farmer-friendly mapping technology, and will appeal to technophobes, i.e. one technophobe to another.

David will be showcasing examples of smart phone apps for everyday use on farm. David's grassroots knowledge and down-to-earth approach when using a smart phone will appeal to anyone wishing to further their knowledge in this area.

MONDAY 12 MAY

 **2.20pm**

Room 2



Google Earth for Free Farm Mapping

- Go to Google Search
- Type *Download Google Earth*
 - At the top of list is download google earth version 6.2
<http://www.google.co.nz/earth/download/ge/agree.html>
 - Click on it
 - Agree and download
 - Run program
- Read Tips for Google Earth

- **You are ready to begin !!!**
- Zoom in to your farm
 - (Tick roads to find it)
- My places
 - Add Placemark (*right click*) (Farms / blocks – can click to go straight there)
 - Add Polygon
 - Give a name (Farm Boundary)
 - *Left click* at angles to create outline of area
 - Can use hand to move angles to correct place
 - Give a style / colour of your choice
 - *Click OK*
 - Add Folders for Blocks or Farm Areas
 - Within these folders *add polygon* for each paddock individually. Give each paddock a name.
- Save (My Places)
- Or Save (save as image)
 - With this I save to desktop and can email to fertiliser truck or helicopter pilot or staff
 - Can outline and fill paddocks for easy identification of paddocks or areas
 - Once image saved – you can open with *PAINT*. Here you can draw over the picture or write on it before emailing to someone or printing.
- Can see different photos (at various times of year) via the circular arrow which is historical satellite photos.
- Can measure distances by using the ruler icon
- Maps contain co-ordinates and altitudes
- It doesn't give area measurements – for this you need Google Earth pro for a small cost

Learn by mucking around on it – Have fun!

If you need help – it is a Google product so just ask Google!!