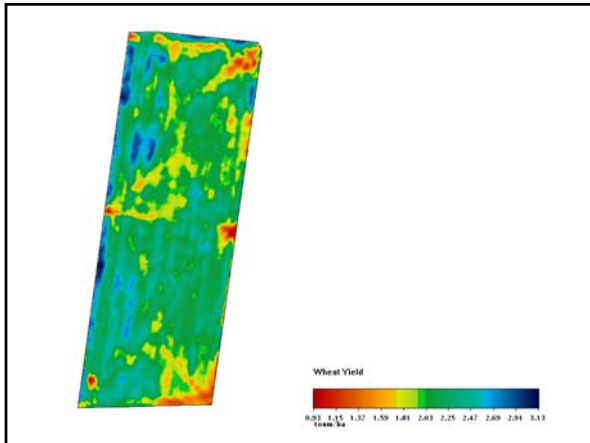


Making better use of yield maps

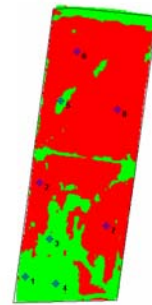


Variable rate

1. Does the crop yield vary across the paddock?
2. What are the main causes of variation?
3. Are the differences great enough, consistent enough and are the areas big enough to matter?
4. Can we reduce or increase inputs in parts of the paddock to get a better economic return?

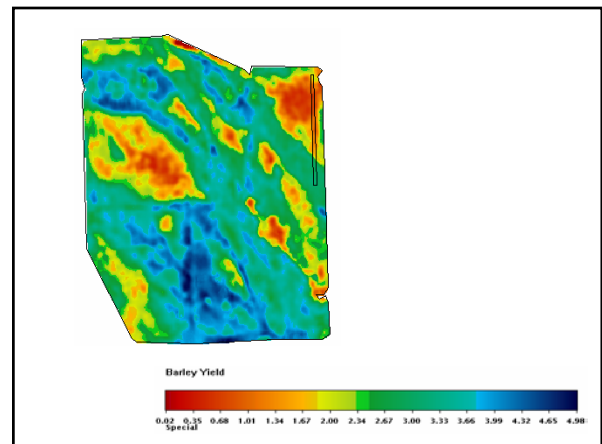
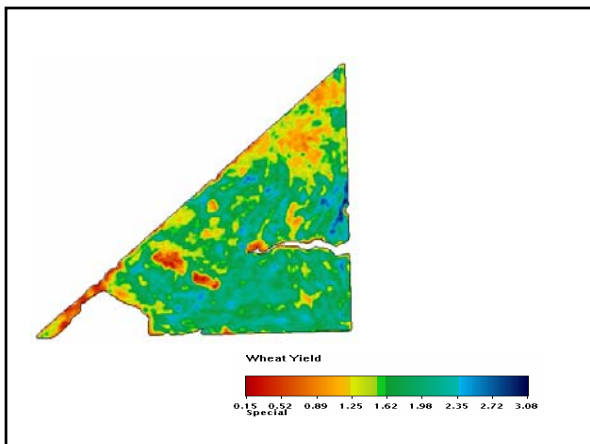


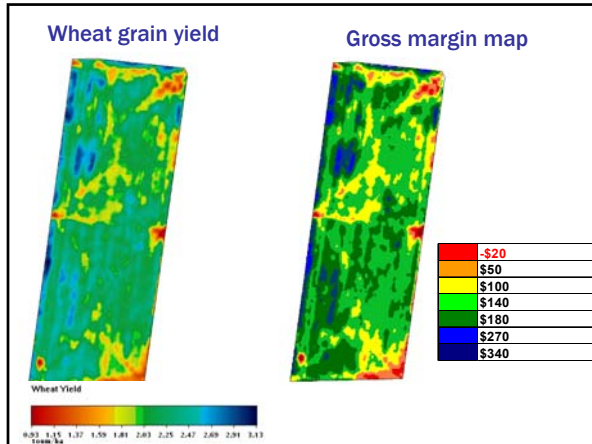
Produce a zone map for soil sampling sites



Soil Analysis

	Zone 1 (Red)	Zone 2 (Green)
Available N (kg /ha) (0 - 60 cm)	134	104
Phosphorus ppm (0 - 10 cm)	76	36
Organic Carbon (%)	1.18	1.23
pH (water) (0 - 10)	6.2	7.68
EC dS/m (0 - 10)	0.27	0.16
Boron ppm 0-60cm	4	2.52
Exchangeable sodium (sub soil)	4.9	1.4
Lime (0 - 30)	very low	high
Comments	heavier subsoil	lighter subsoil





Finding out what is limiting production on your farm

Key points for on-farm trials:

1. Don't change two things at once.
2. Make treatments big enough to assess with a yield map.
3. Put strips through representative areas of the paddock.
4. Repeat treatments or separate the strips with the paddock treatment.

