



Crop/Soil Water Use- Boolavilla

*Data sourced from B&W Rural Neutron Probe readings and
corresponding rainfall and paddock yields*

-Rob Long-

Neutron Probe

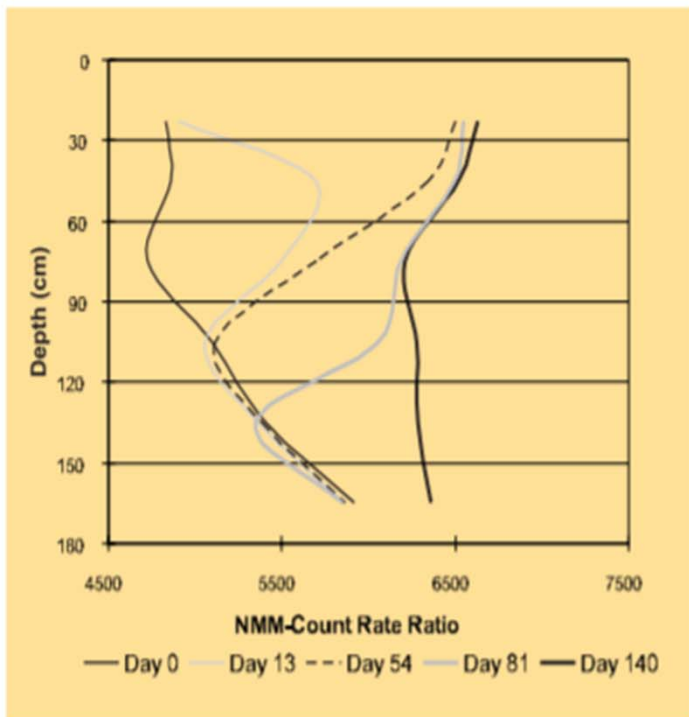


Figure 4.10. The sequential wetting-up of a heavy clay soil monitored by neutron moisture meter. The wetting front moves progressively deeper into the profile of a heavy-textured clay soil under water ponded for an extended period; in a lighter-textured soil, or where trickle irrigation is used, wetting-up would normally occur more quickly.

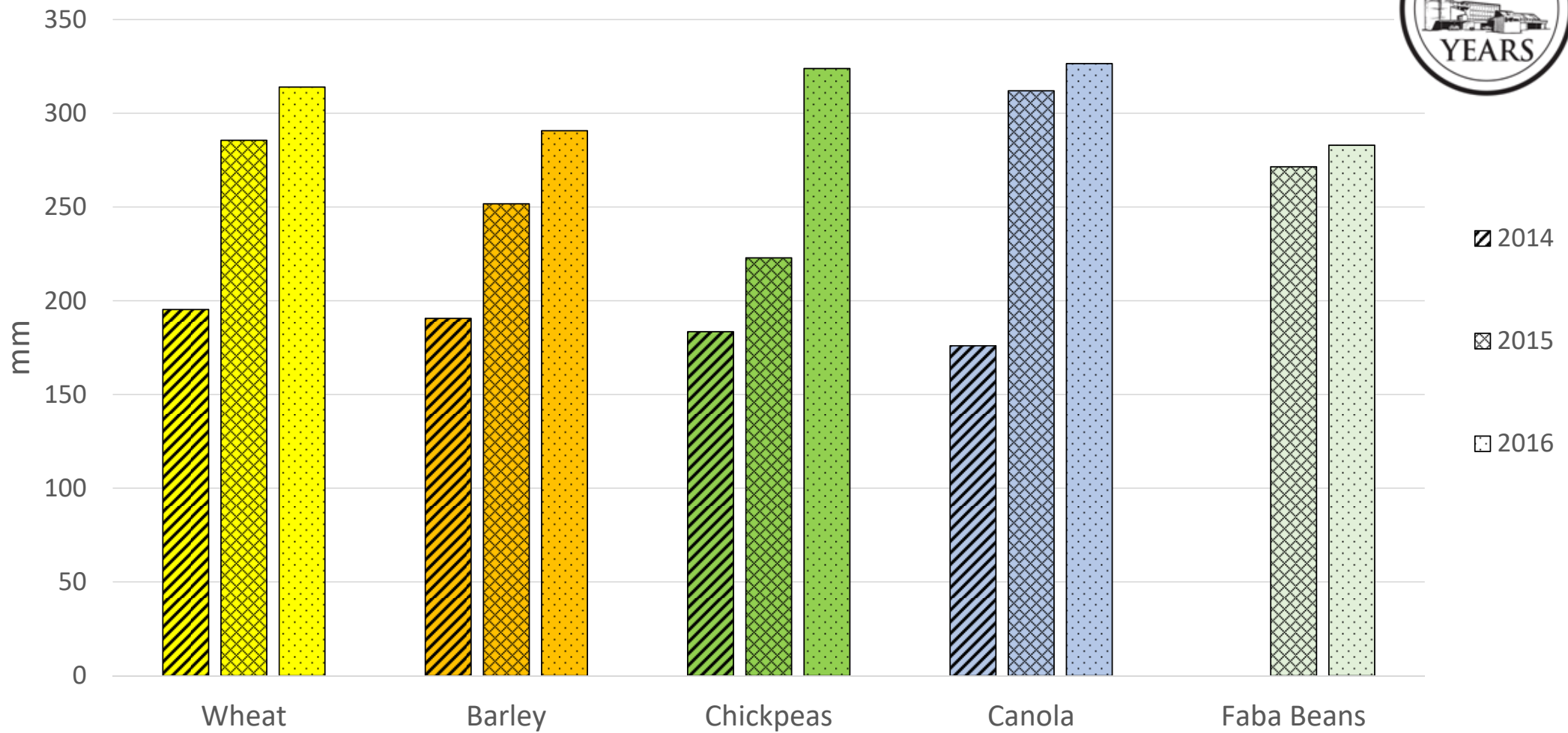




3 Year Averages	Soil Water Use	Rain	Total Crop Water Use	Yield	WUE
Wheat	95	170	265	3.84	14.3
Barley	79	165	244	3.95	16.0
Chickpeas	72	179	243	1.61	6.9
Canola	85	187	272	2.37	8.7
Faba Beans	81	196	277	3.34	12.3

Data sourced from B&W Rural Neutron Probe readings and corresponding rainfall and paddock yields

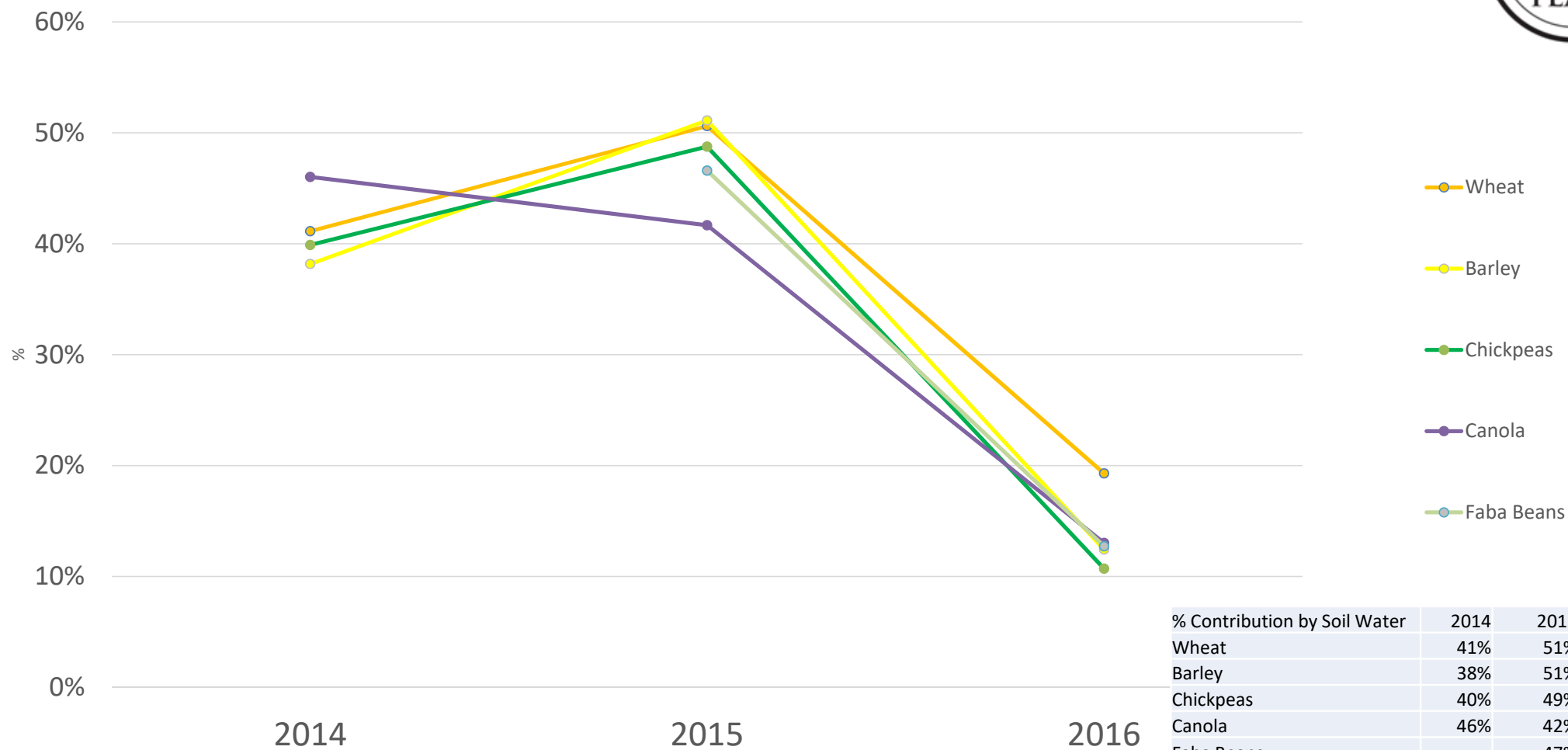
Total Crop Water Use



Data sourced from B&W Rural Neutron Probe readings and corresponding rainfall and paddock yields

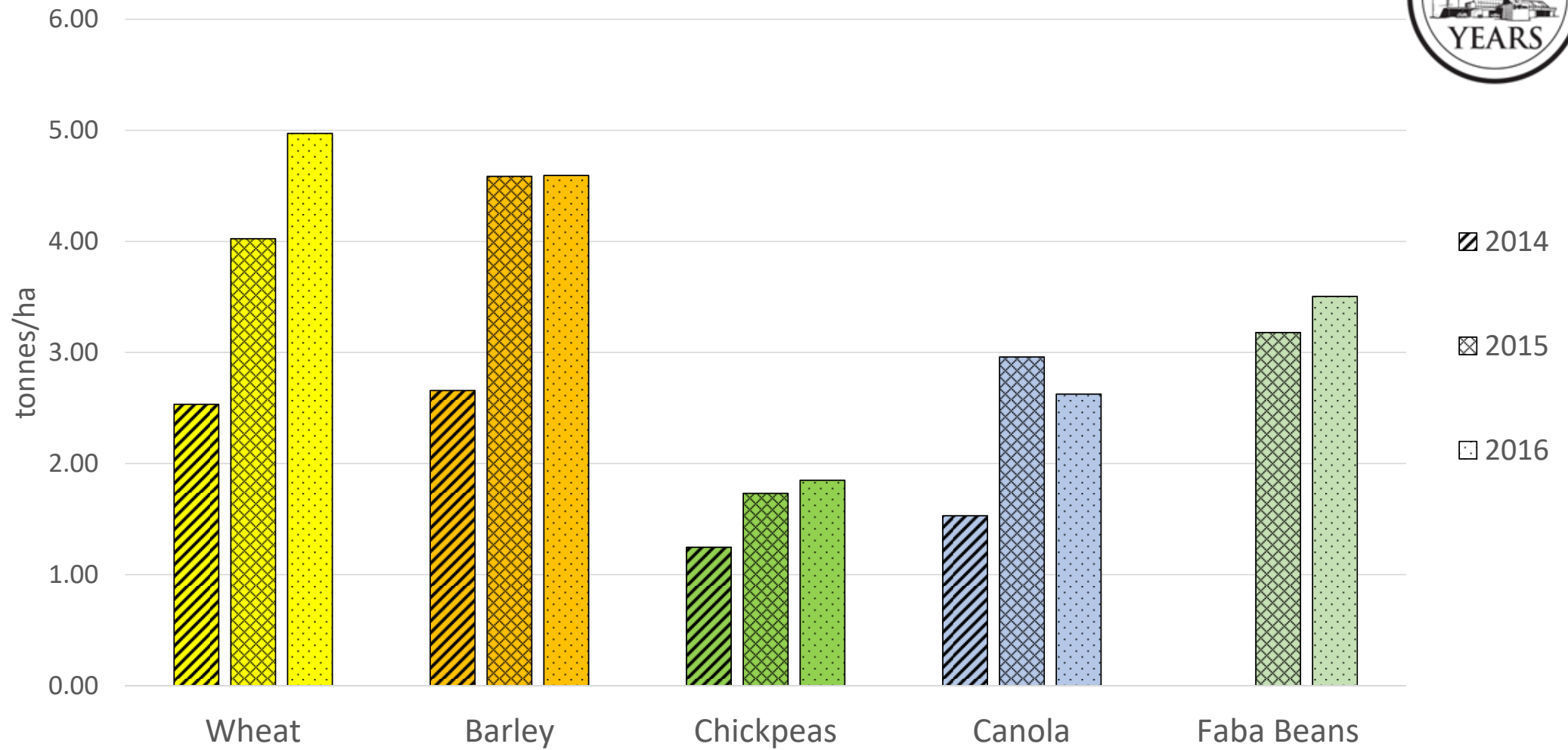


% Contribution by Soil Water



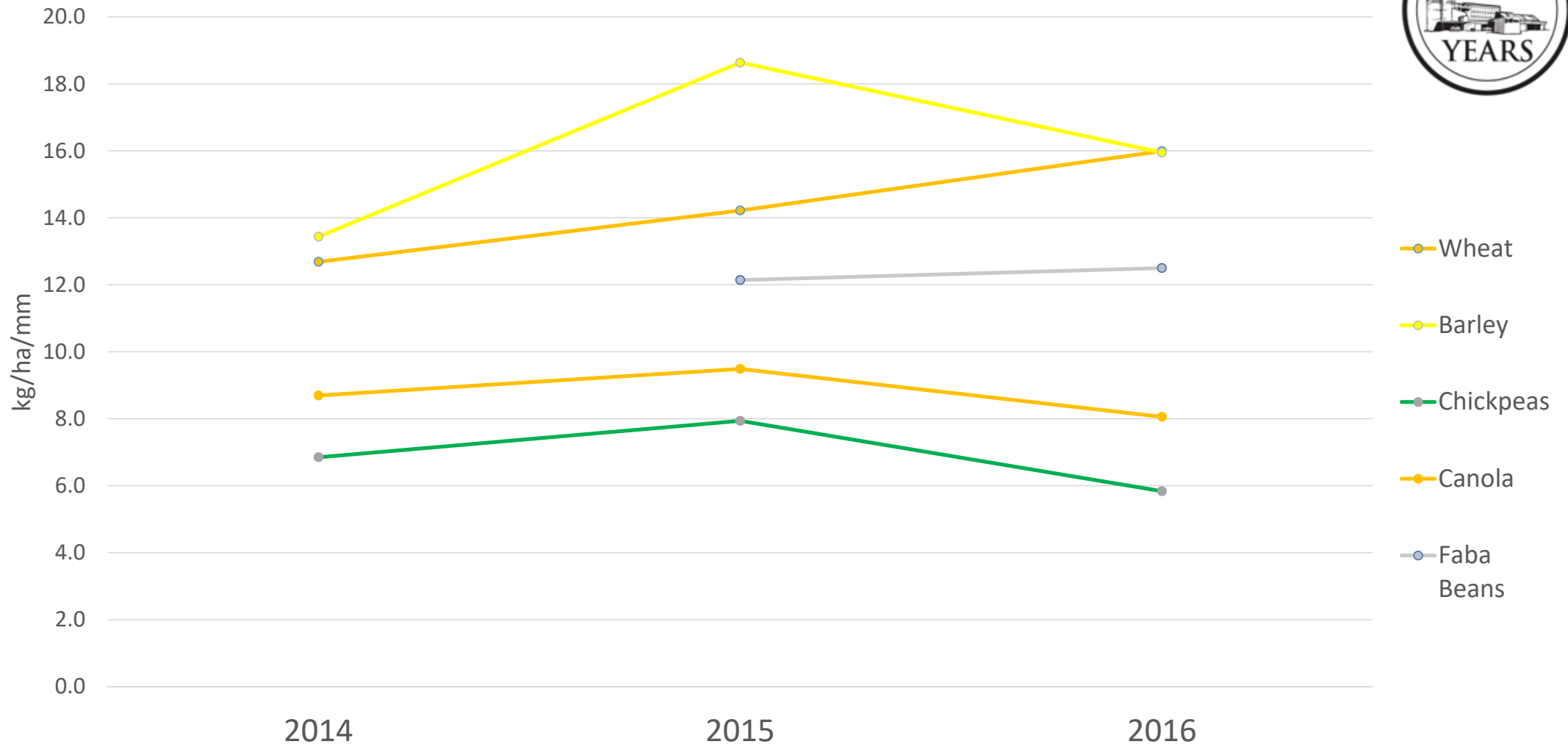
Data sourced from B&W Rural Neutron Probe readings and corresponding rainfall and paddock yields

Yield

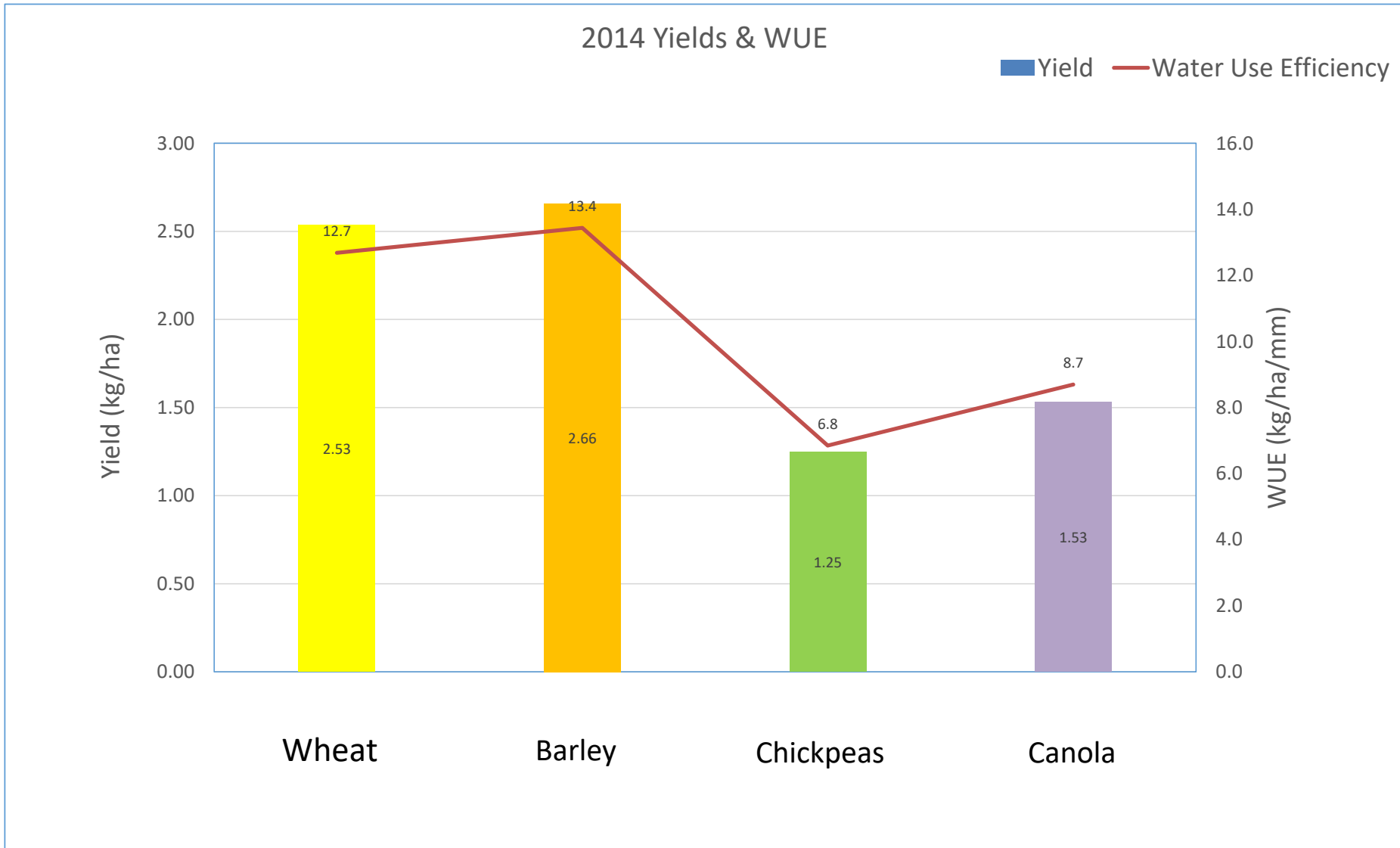


Data sourced from B&W Rural Neutron Probe readings and corresponding rainfall and paddock yields

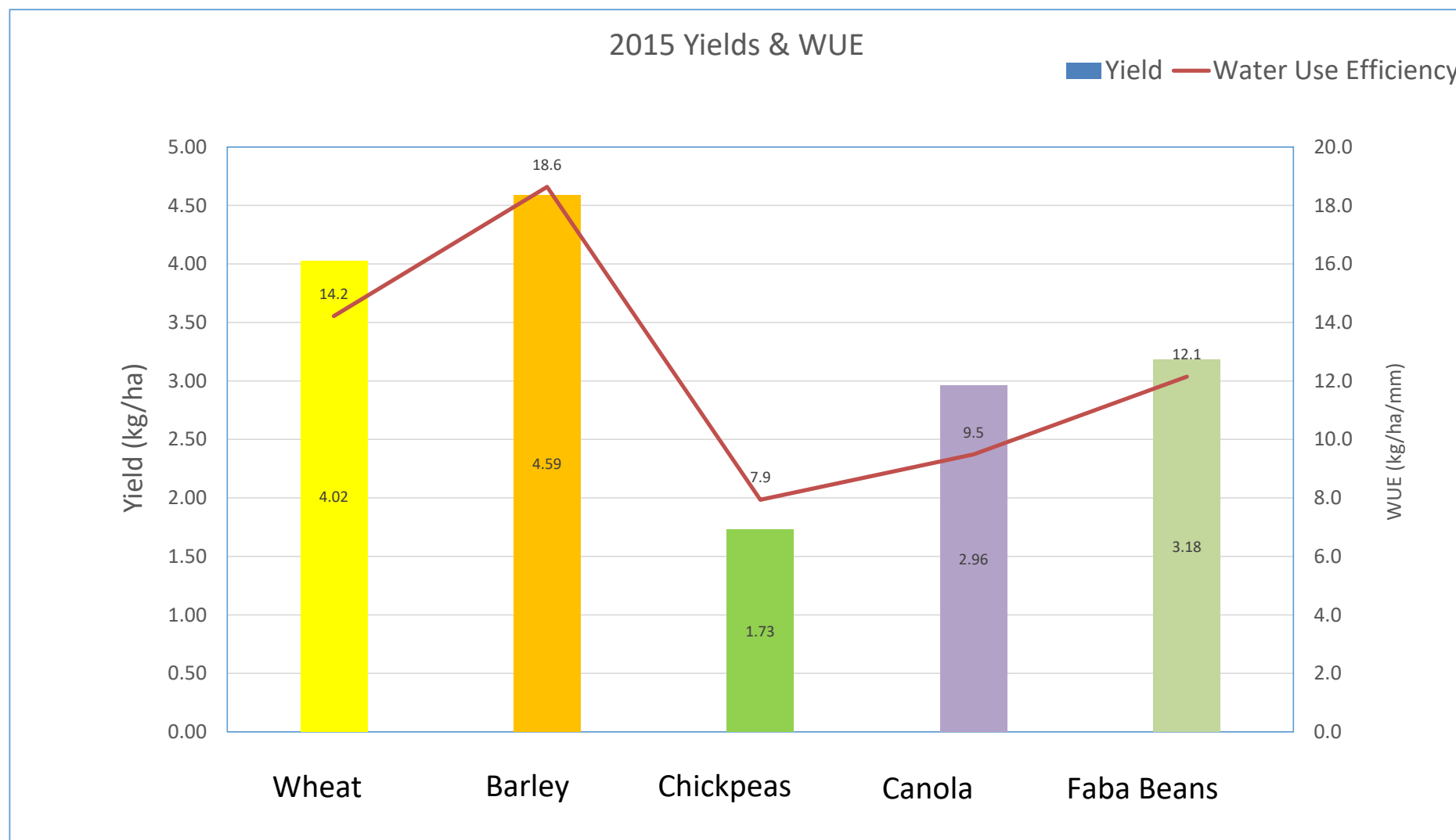
Water Use Efficiency



Data sourced from B&W Rural Neutron Probe readings and corresponding rainfall and paddock yields



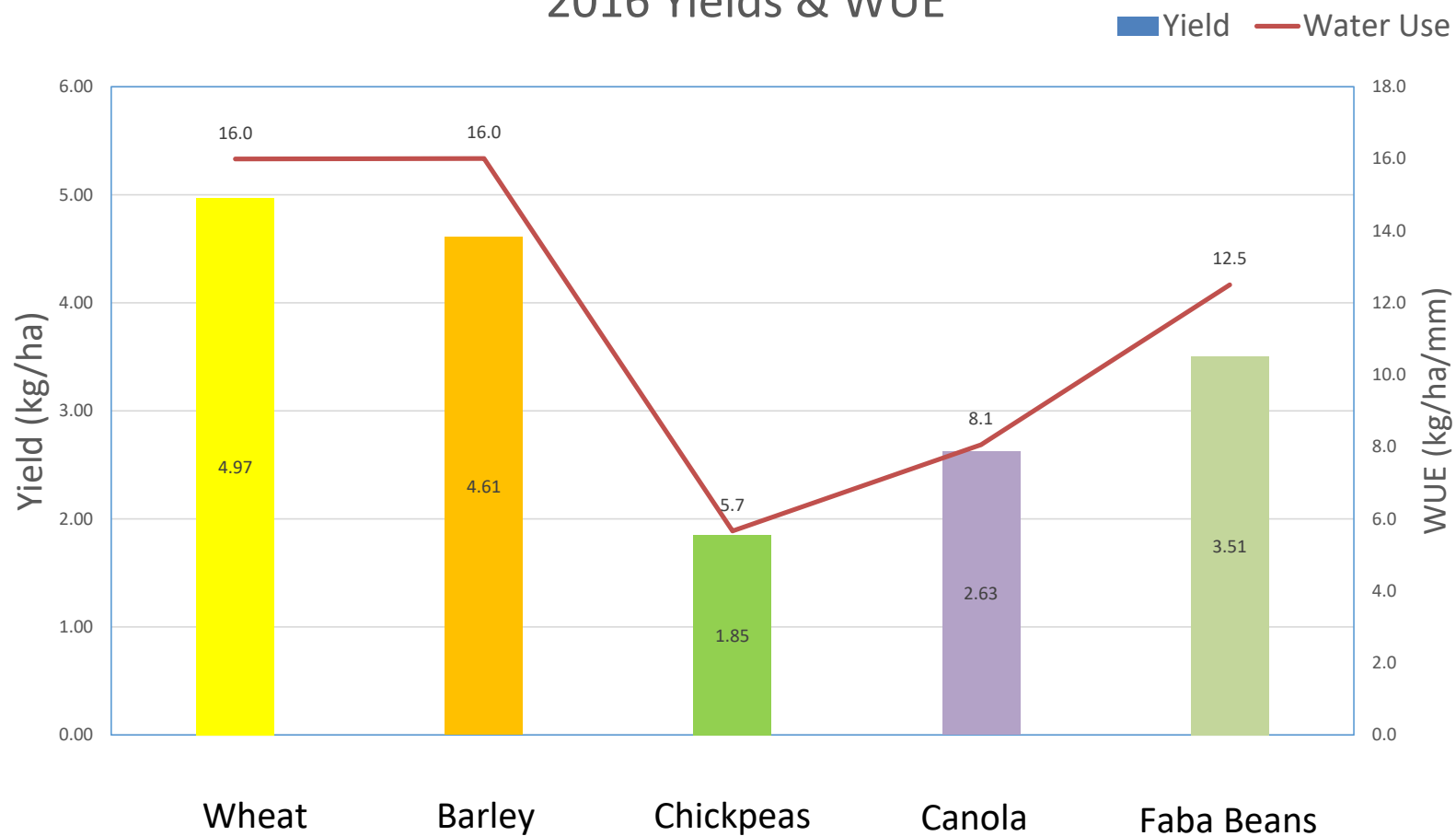
Data sourced from B&W Rural Neutron Probe readings and corresponding rainfall and paddock yields



Data sourced from B&W Rural Neutron Probe readings and corresponding rainfall and paddock yields

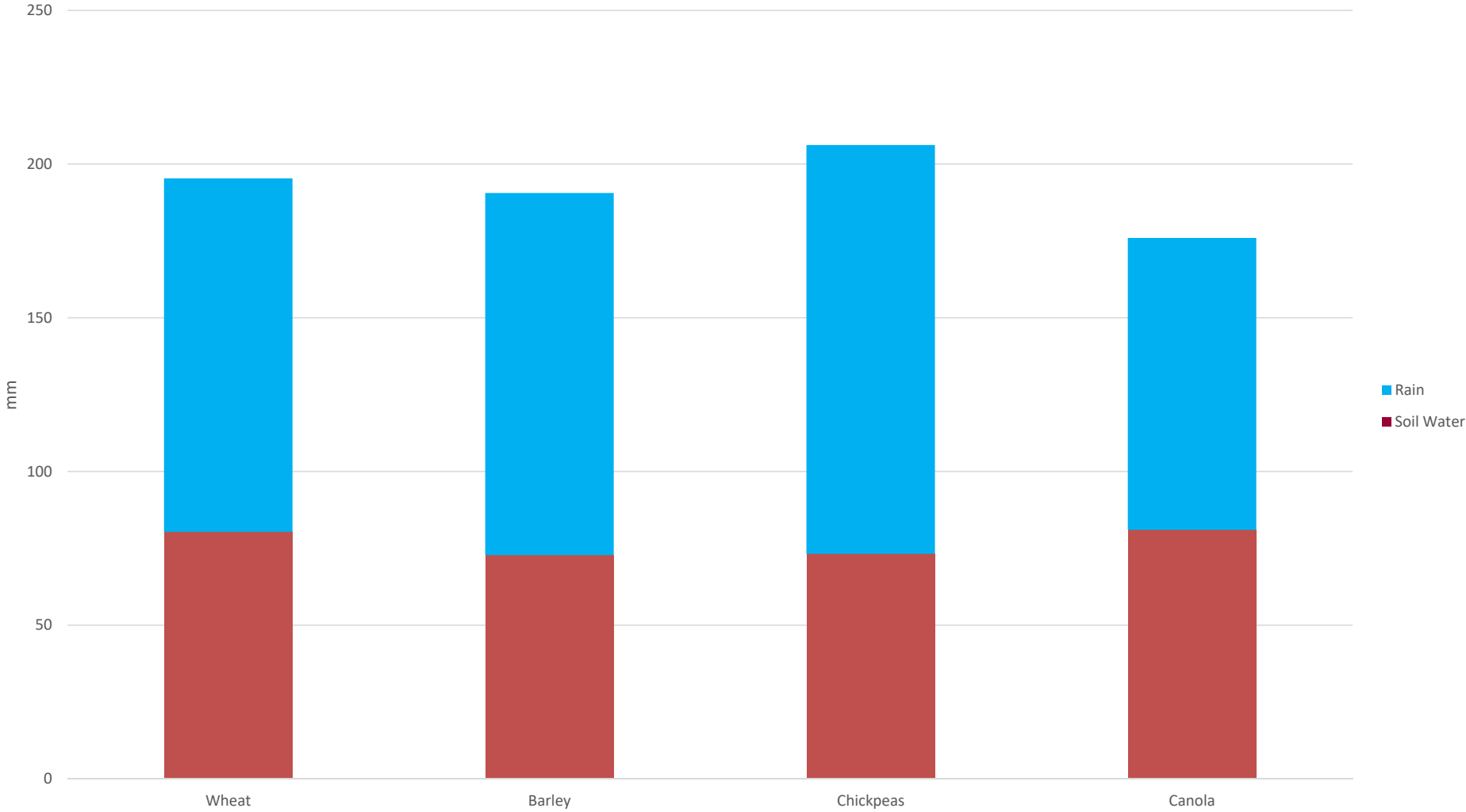


2016 Yields & WUE



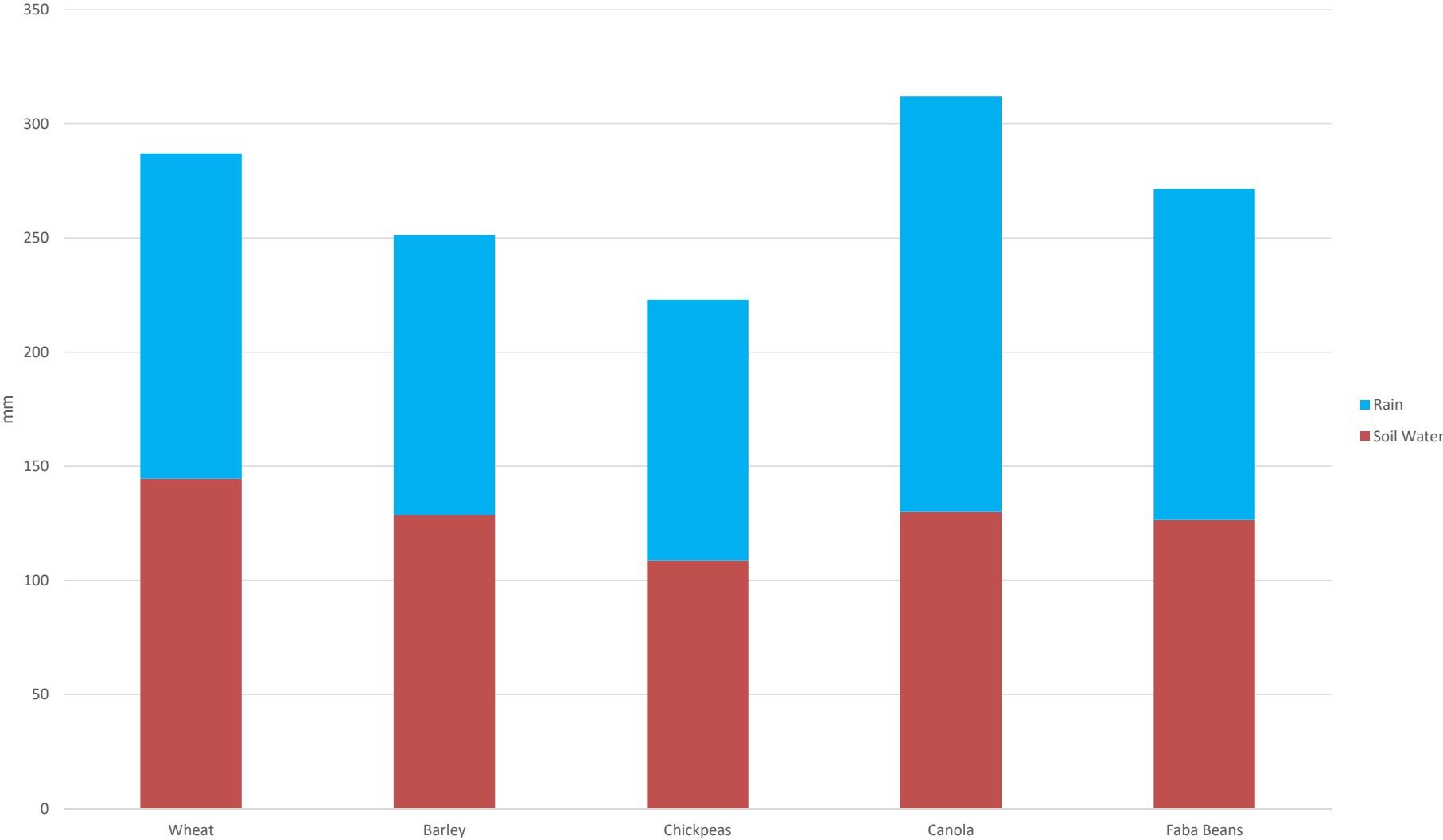


2014 Crop Water Use





2015 Crop Water Use





2016 Crop Water Use

