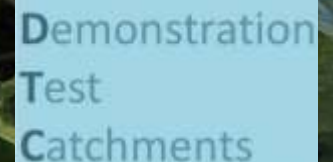
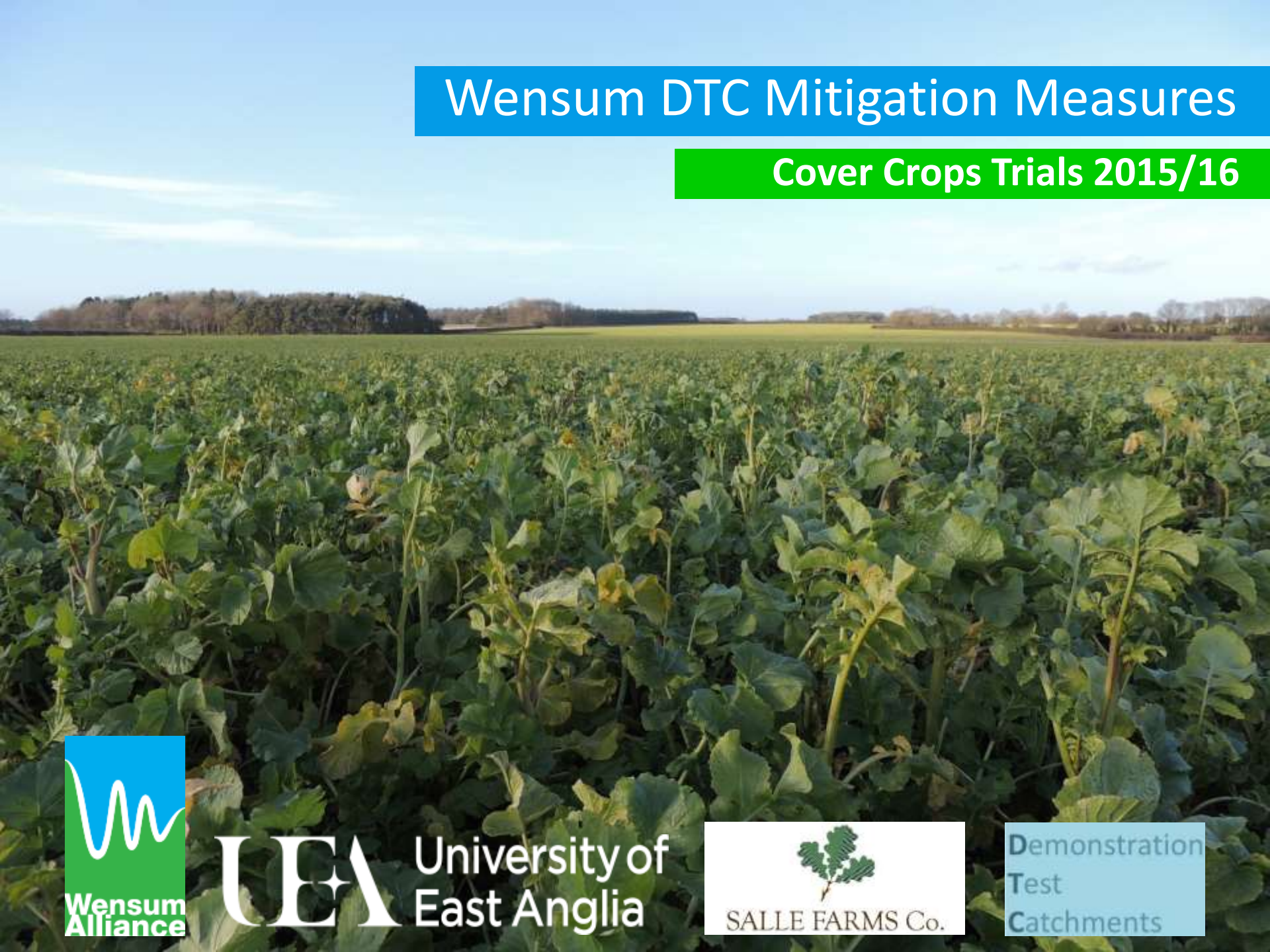


Wensum DTC Mitigation Measures

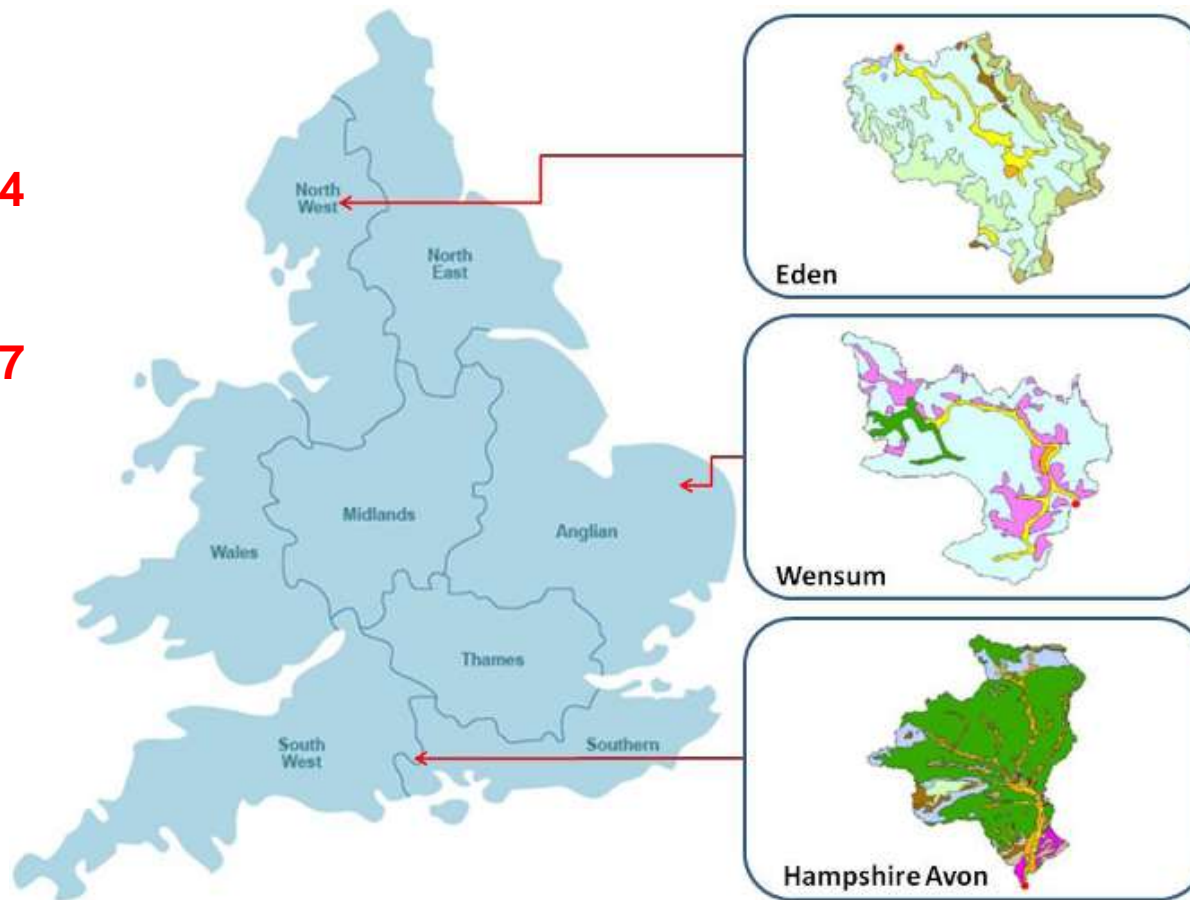
Cover Crops Trials 2015/16



The Demonstration Test Catchments (DTCs)

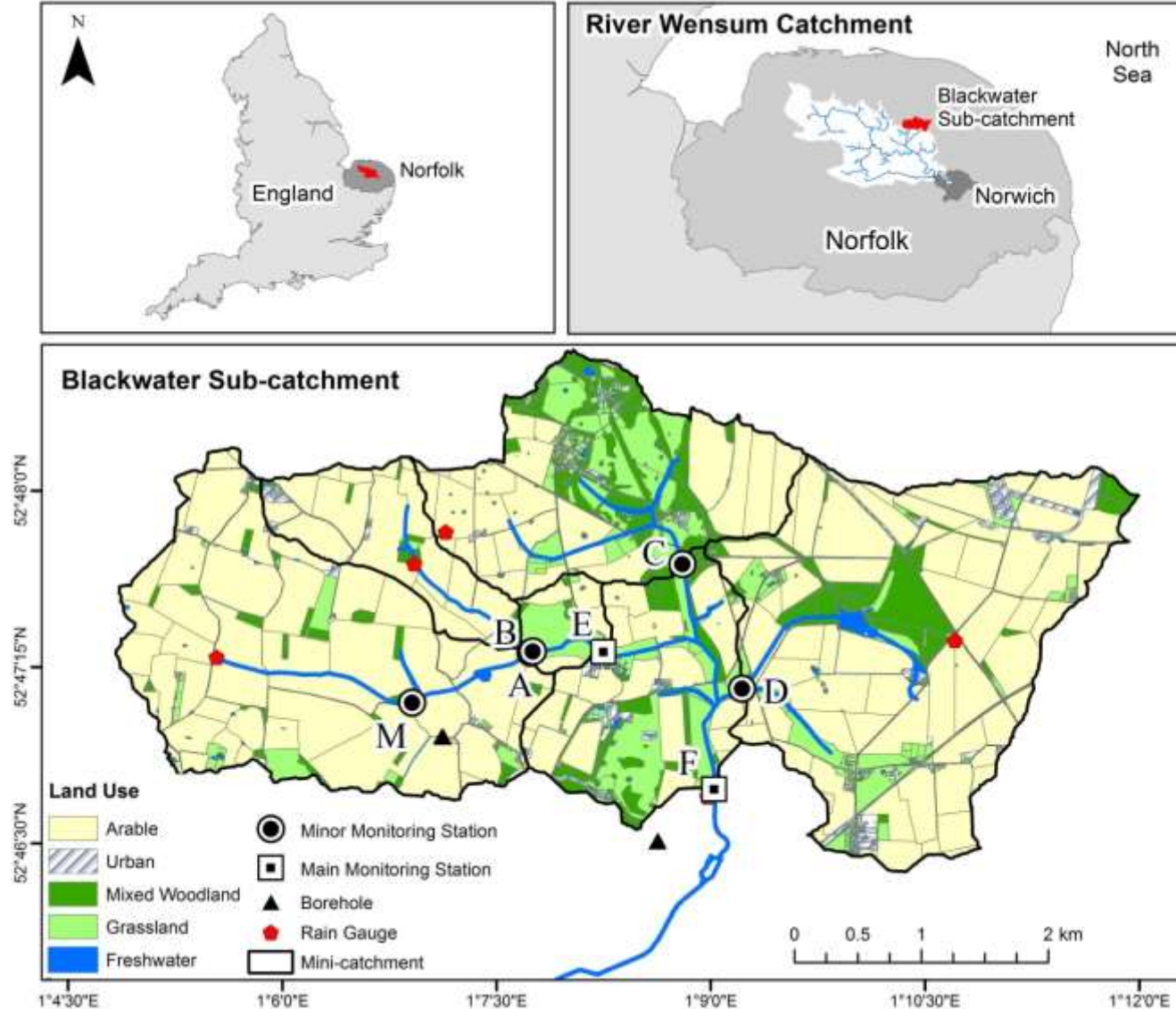
Phase 1
2010 – 2014

Phase 2
2015 – 2017

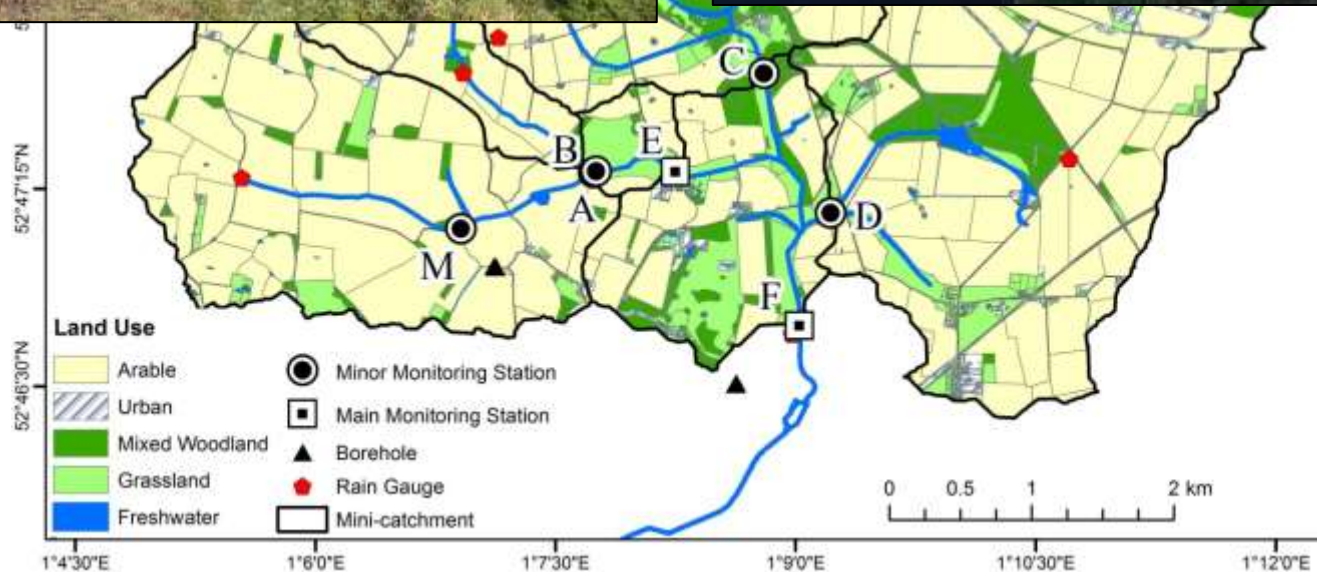


The DTC project aims to evaluate the extent to which on-farm mitigation measures can cost-effectively reduce the impacts of water pollution on river ecology while maintaining food production capacity.

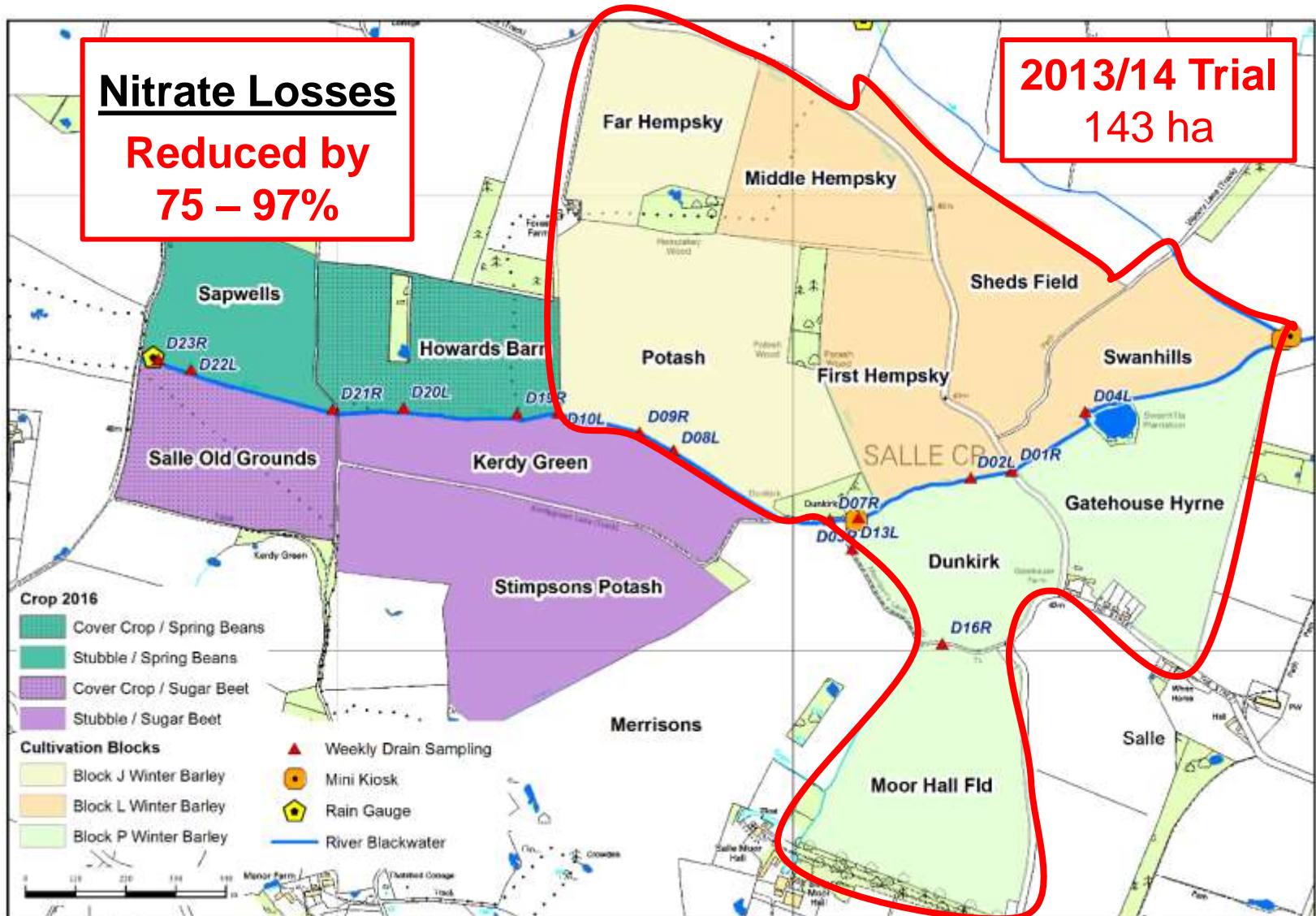
Blackwater sub-catchment (2,000 ha)



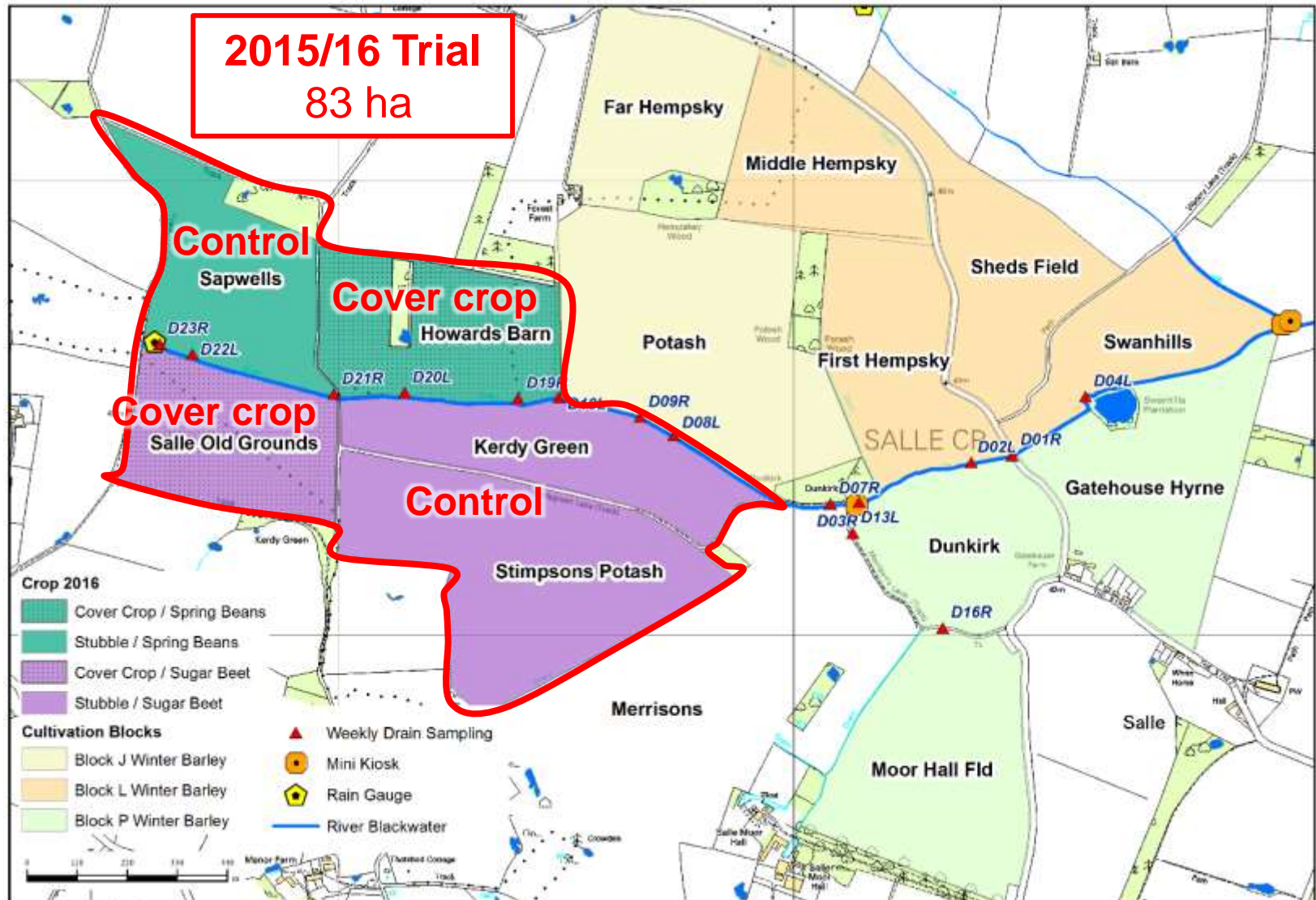
Blackwater sub-catchment (2,000 ha)



First Cover Crop Trial



Second Cover Crop Trial



Second Cover Crop Trial

Field	Cover Crop	Cash Crop	Harvest
Howards Barn	Oilseed radish (September 2015)	Spring Beans (March 2016)	August 2016
Sapwells	Control - Stubble	Spring Beans (March 2016)	August 2016
Salle Old Grounds	Oilseed radish/rye mix (September 2015)	Sugar Beet (March 2016)	October 2016
Kerdy Green/ Stimpson Potash	Control - Stubble	Sugar Beet (March 2016)	October 2016



Cover Crop Fields: 3rd December 2015

Salle Old Grounds



Oilseed radish/rye mix (85 seeds/m²)



with turkey muck



without turkey muck

Howards Barn

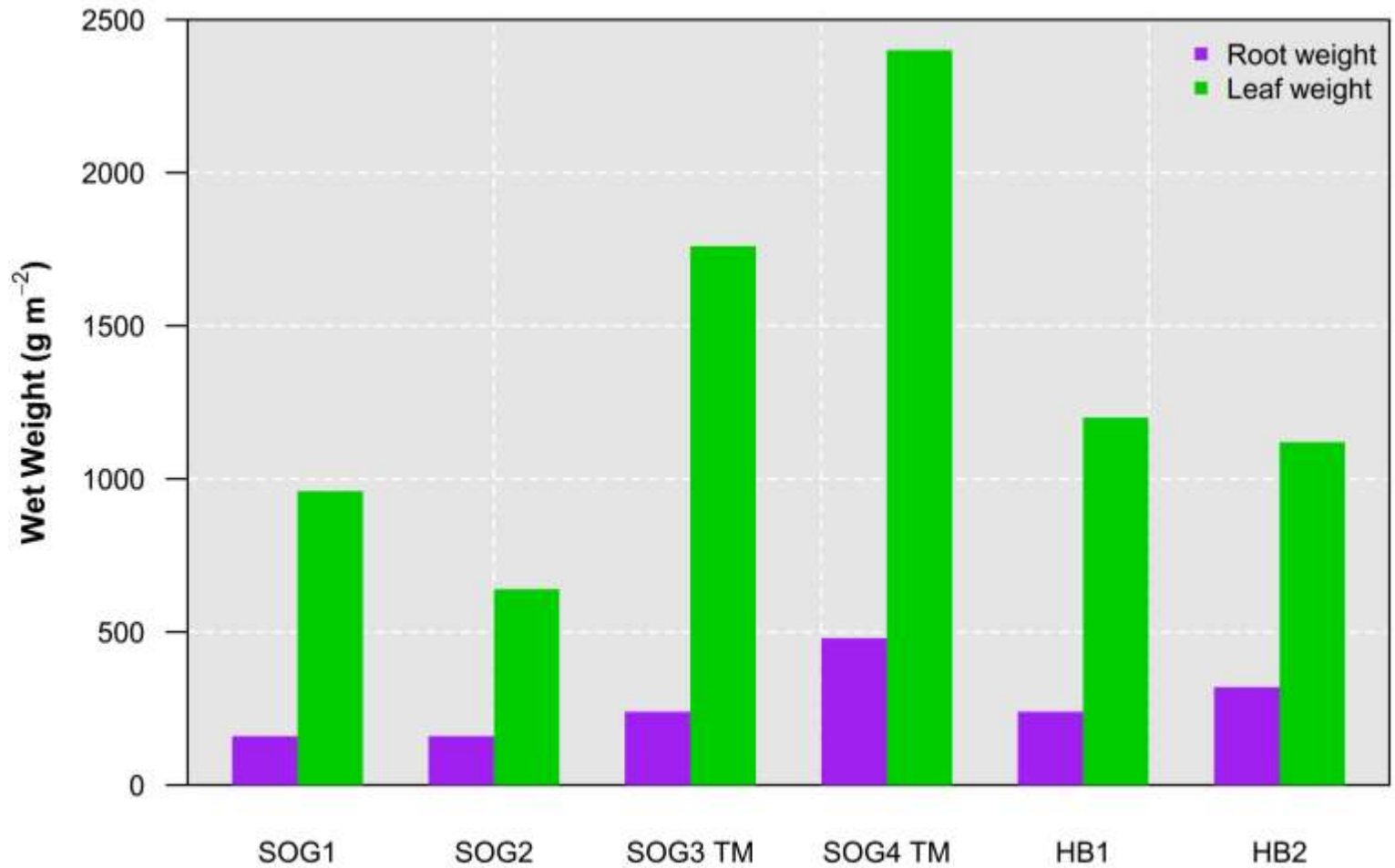


Oilseed radish (165 seeds/m²)

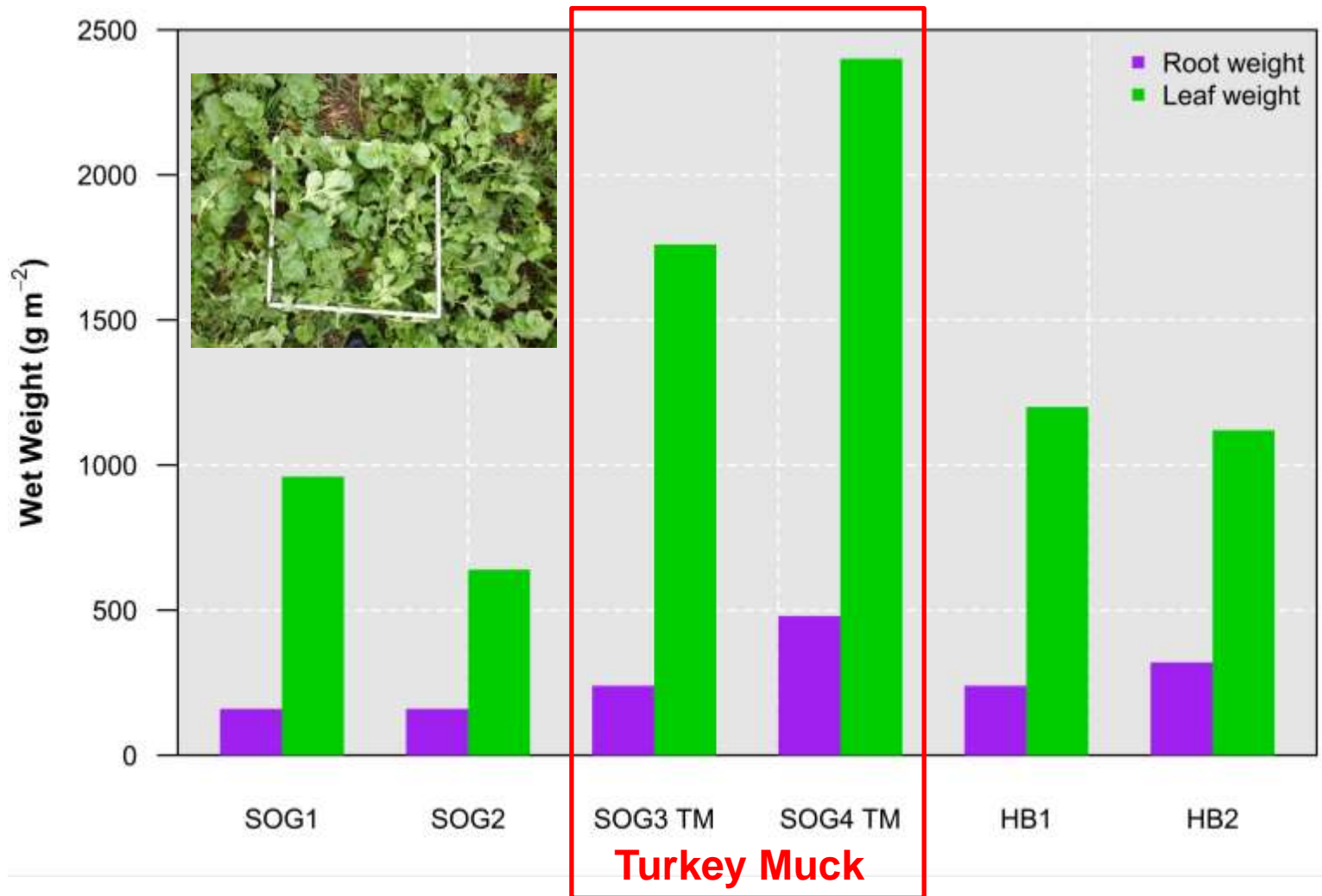


without turkey muck

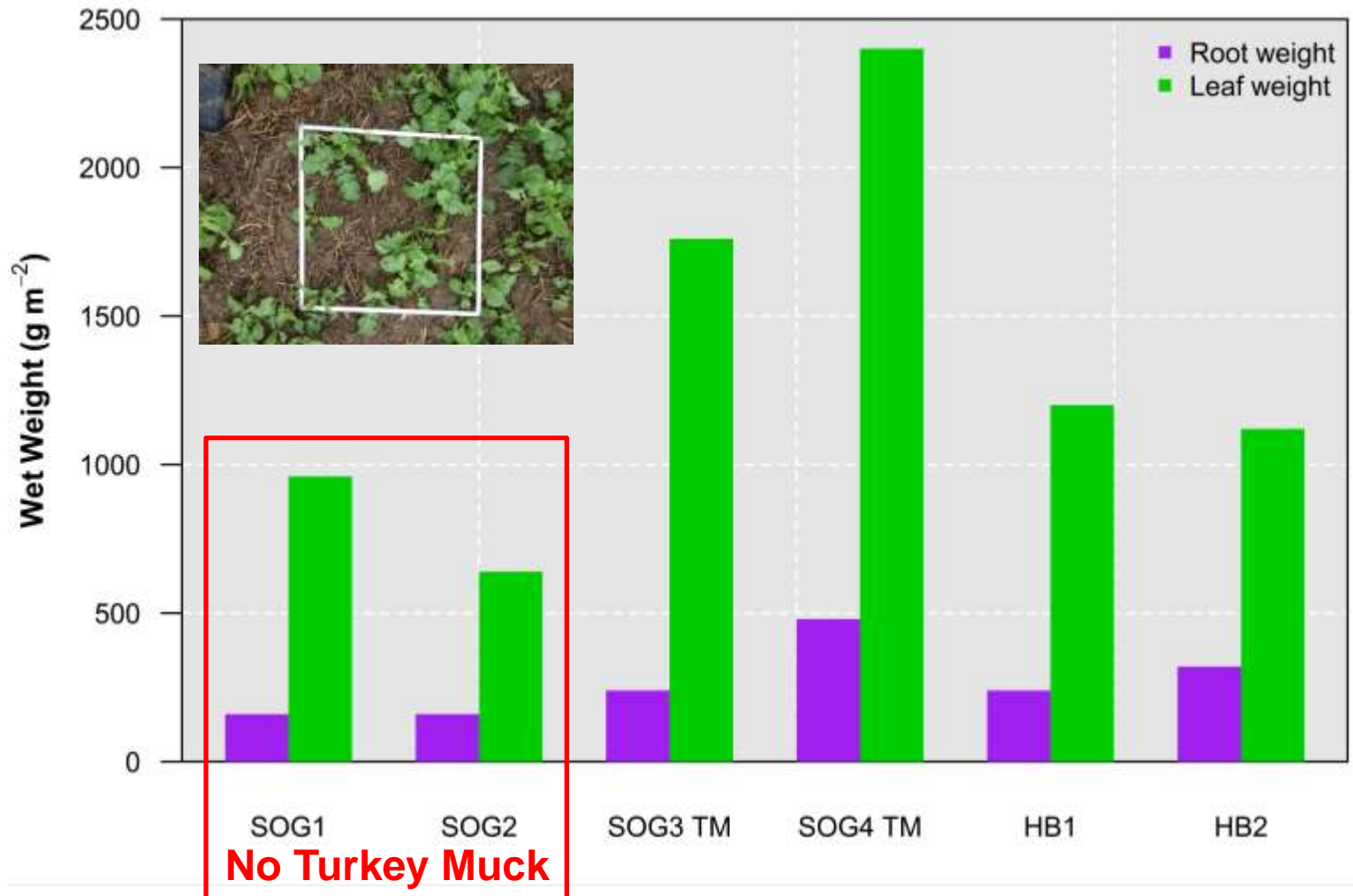
Oilseed Radish Biomass: December 2015



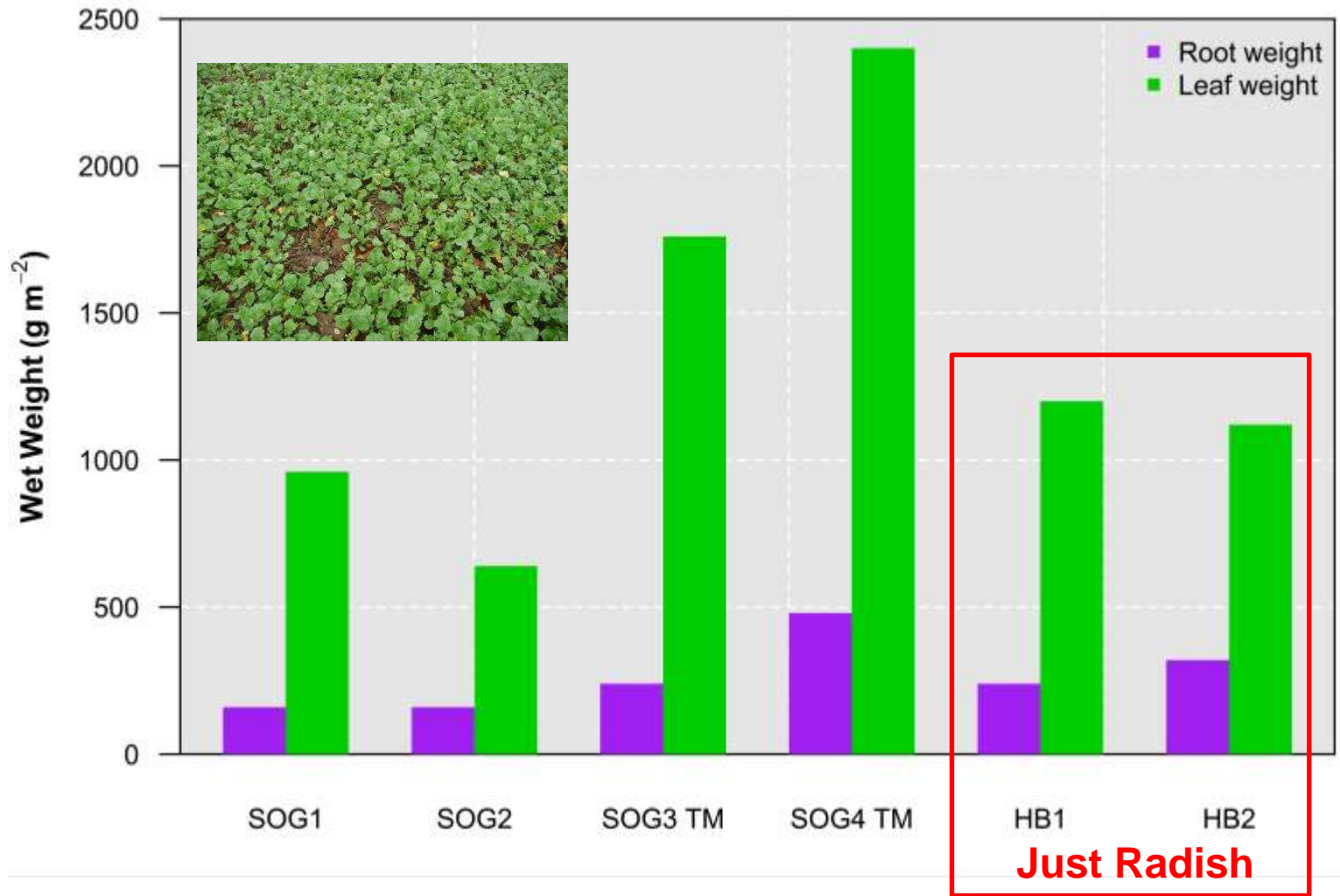
Oilseed Radish Biomass: December 2015



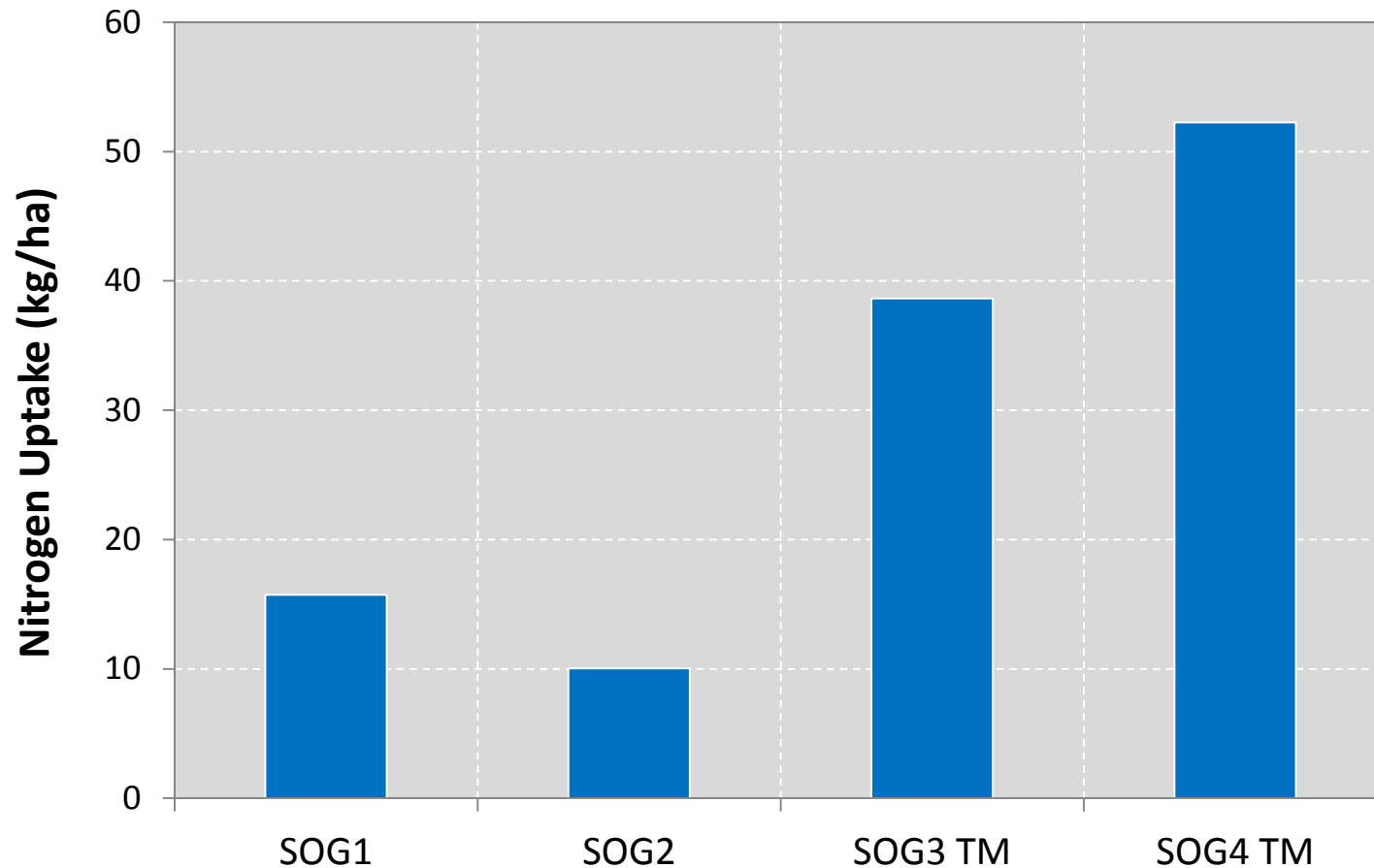
Oilseed Radish Biomass: December 2015



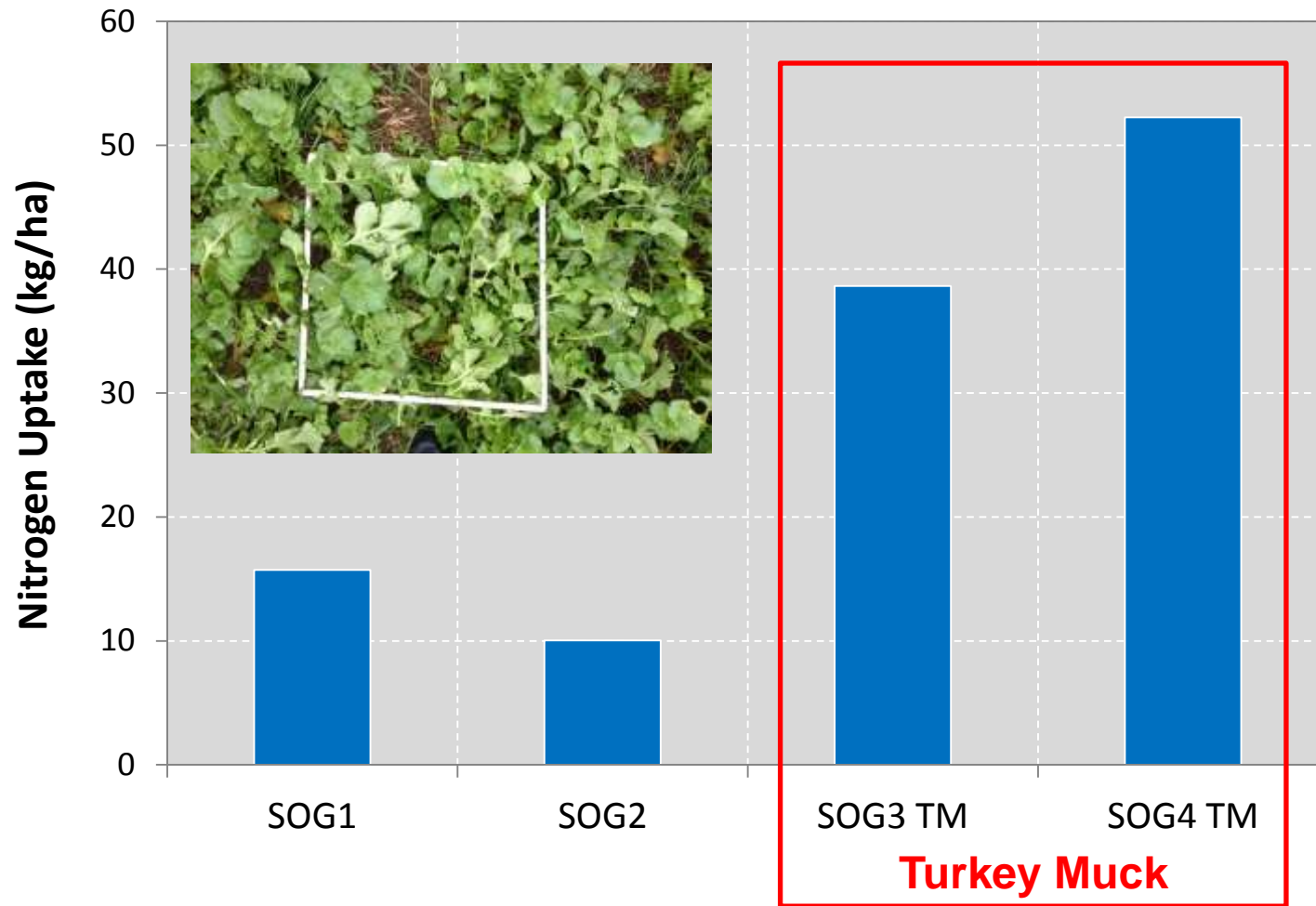
Oilseed Radish Biomass: December 2015



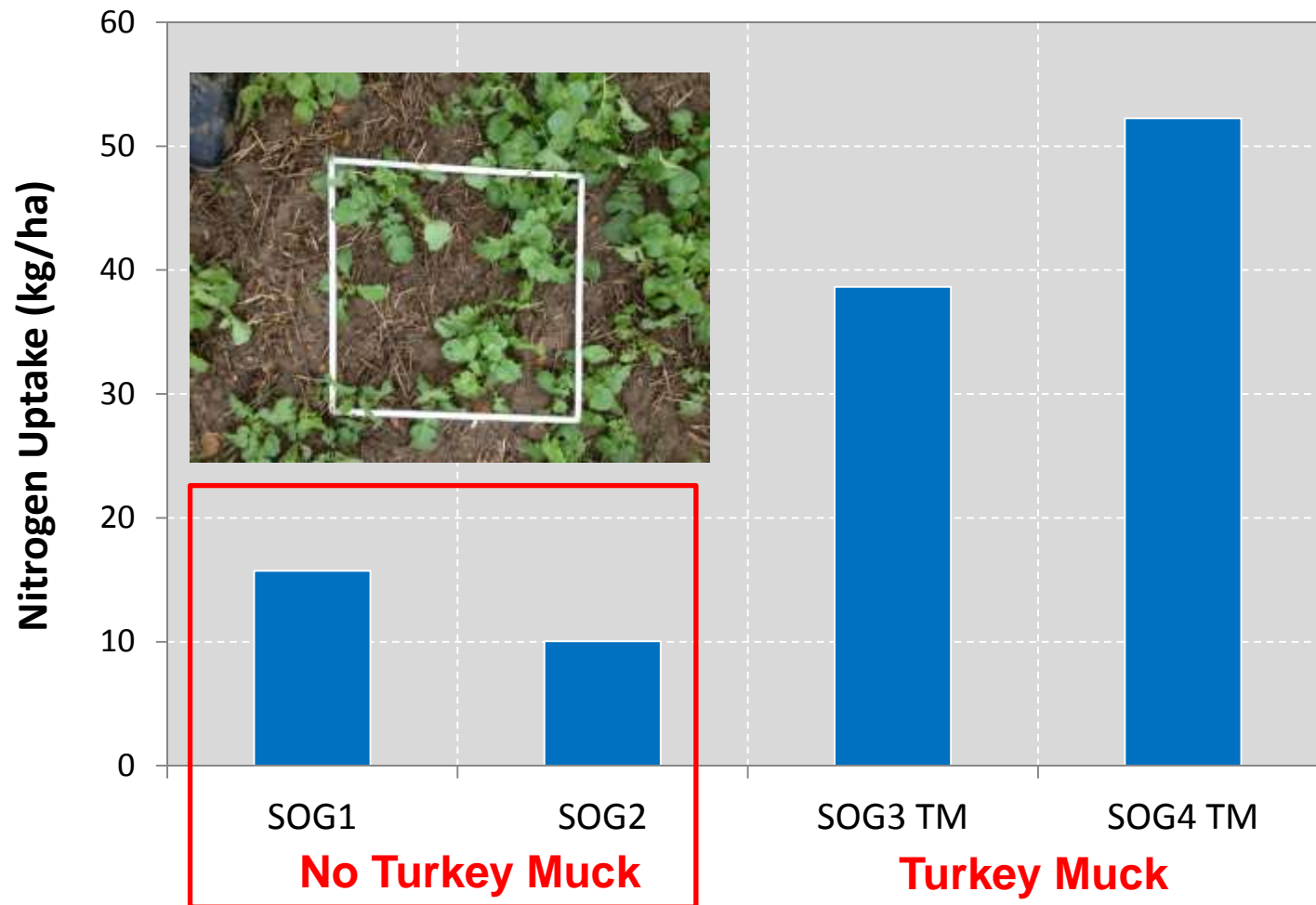
Oilseed Radish N Uptake: December 2015



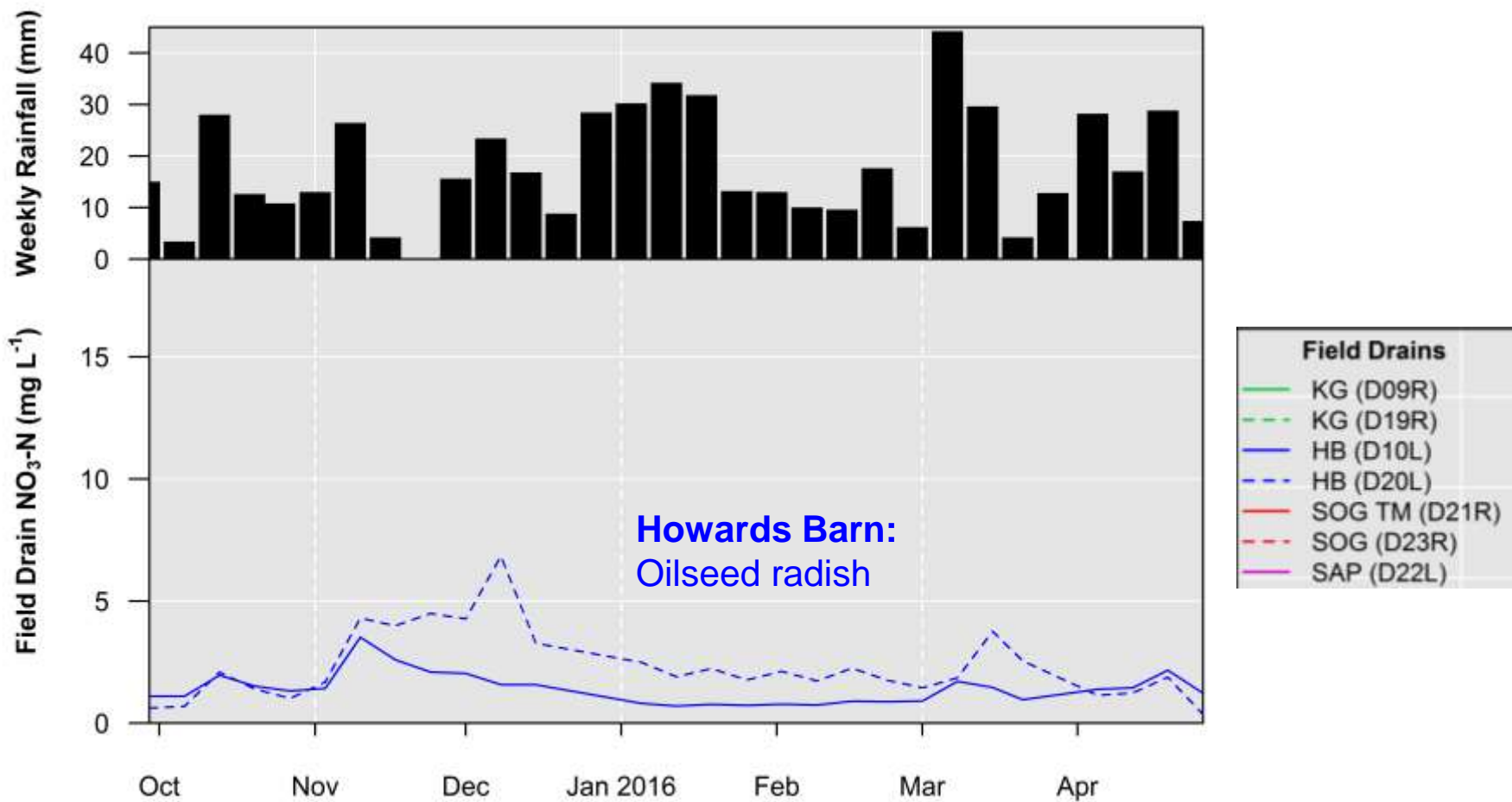
Oilseed Radish N Uptake: December 2015



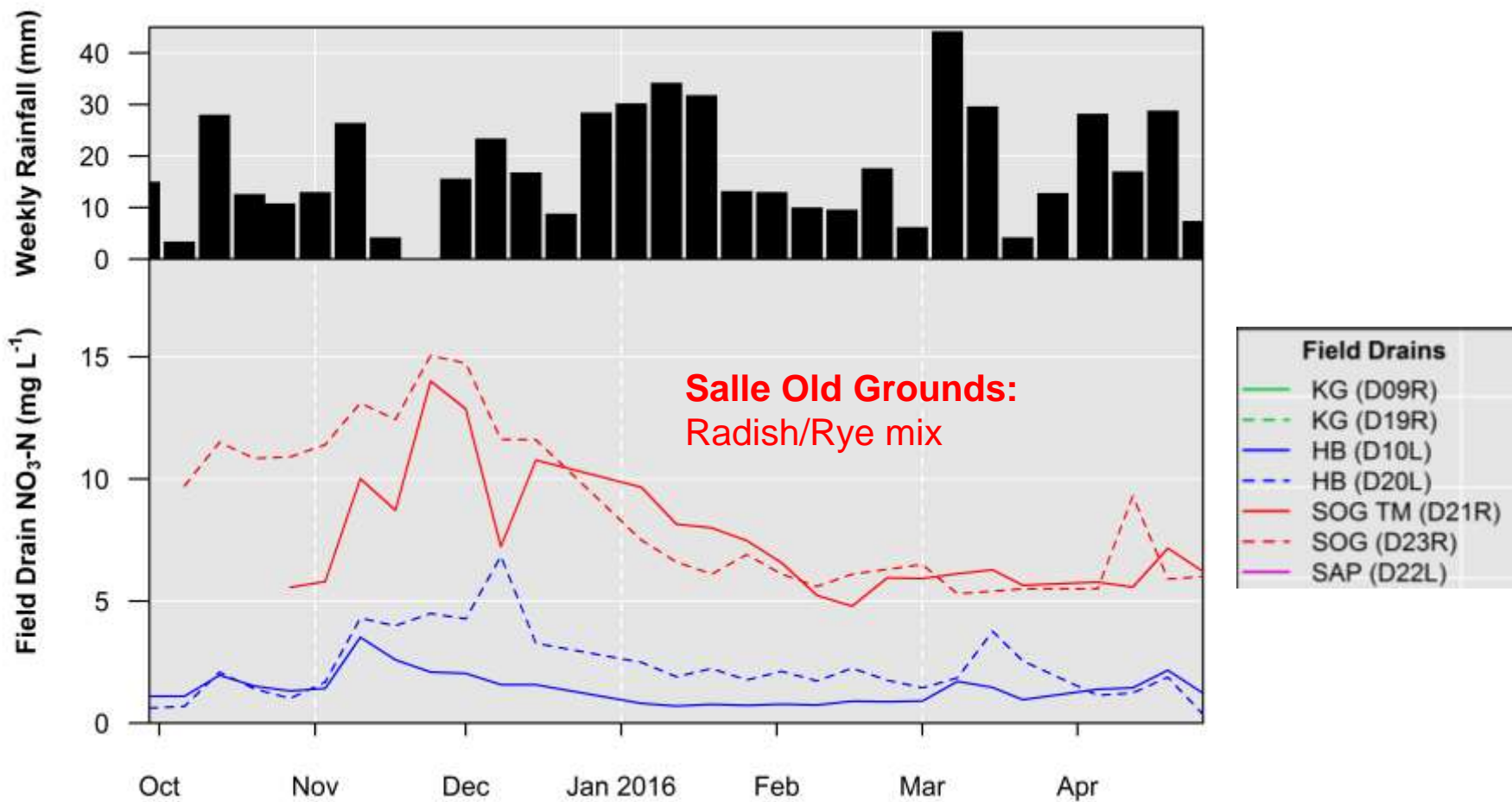
Oilseed Radish N Uptake: December 2015



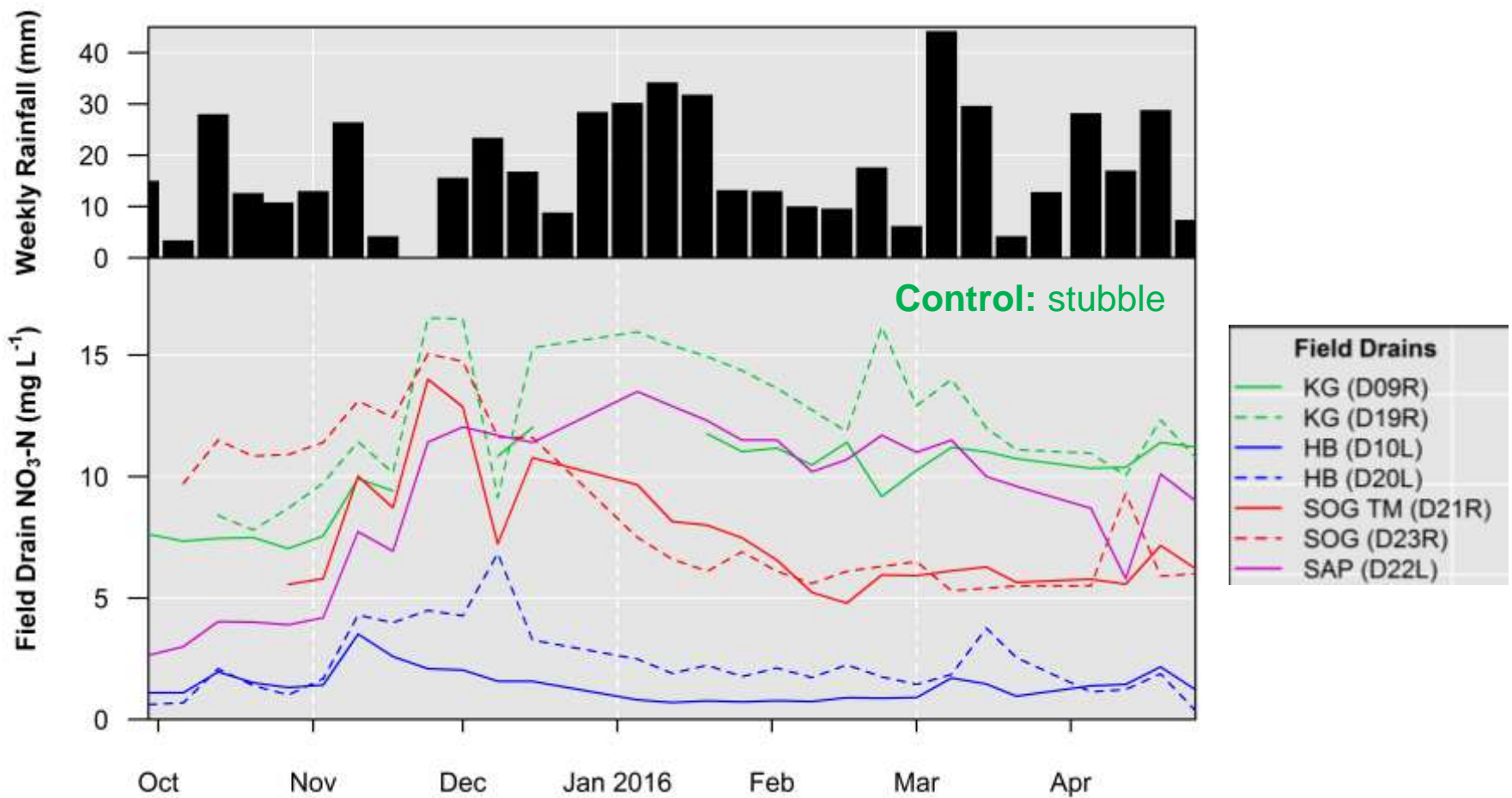
Field Drain Nitrate Concentrations: Winter 2015/16



Field Drain Nitrate Concentrations: Winter 2015/16



Field Drain Nitrate Concentrations: Winter 2015/16

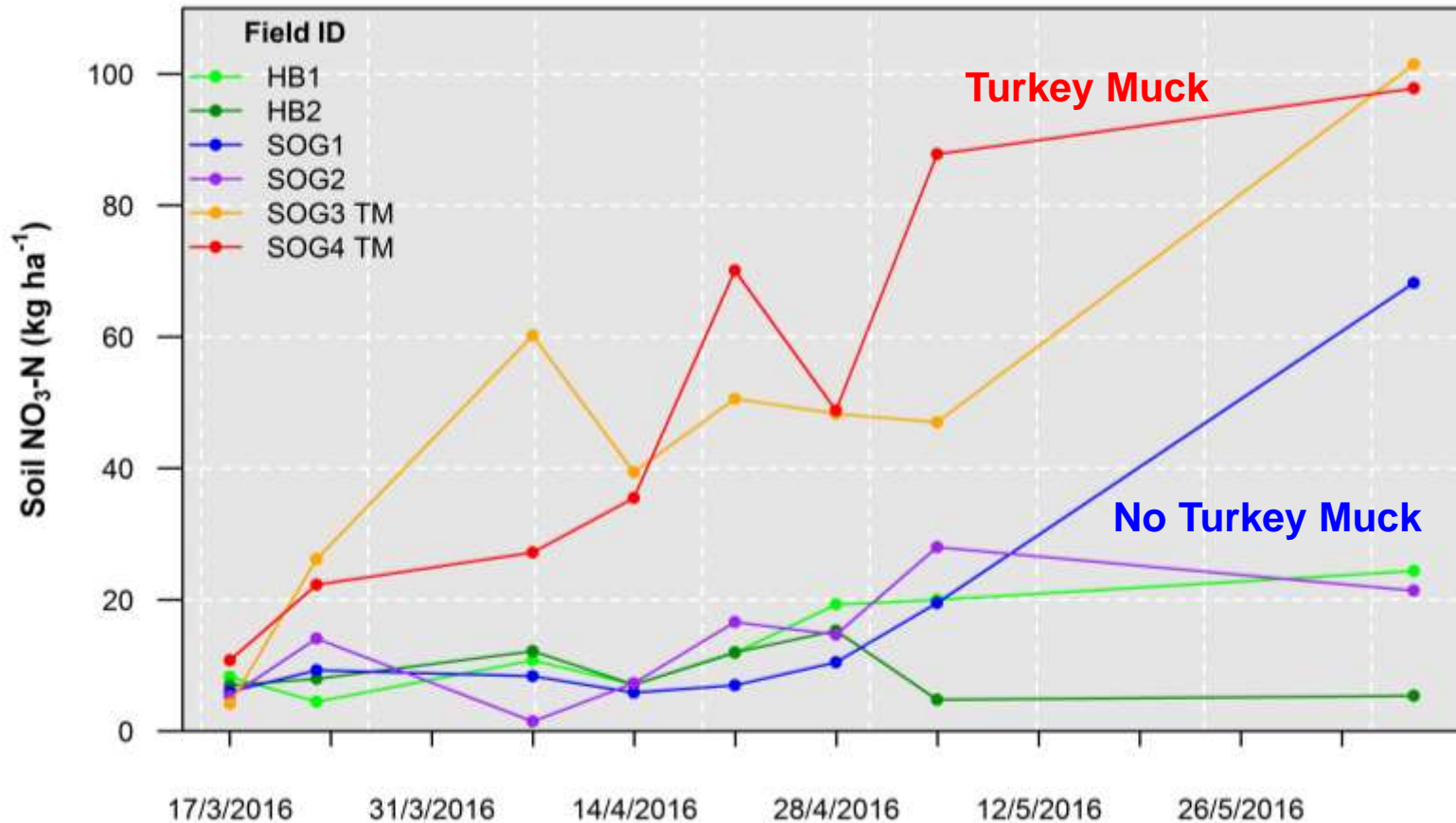


Field Drain Nitrate Concentrations: Winter 2015/16

	<u>Control</u> Stubble	<u>SOG</u> Radish/rye No TM	<u>SOG</u> Radish/rye With TM	<u>Howards Barn</u> Radish
Nitrate (mg N/L)	10.4	8.6	7.4	1.9
Change (%)	-	- 17%	-29%	-82%



Soil Nitrate Concentrations: Spring 2016



Worm Counting: April & September 2016

