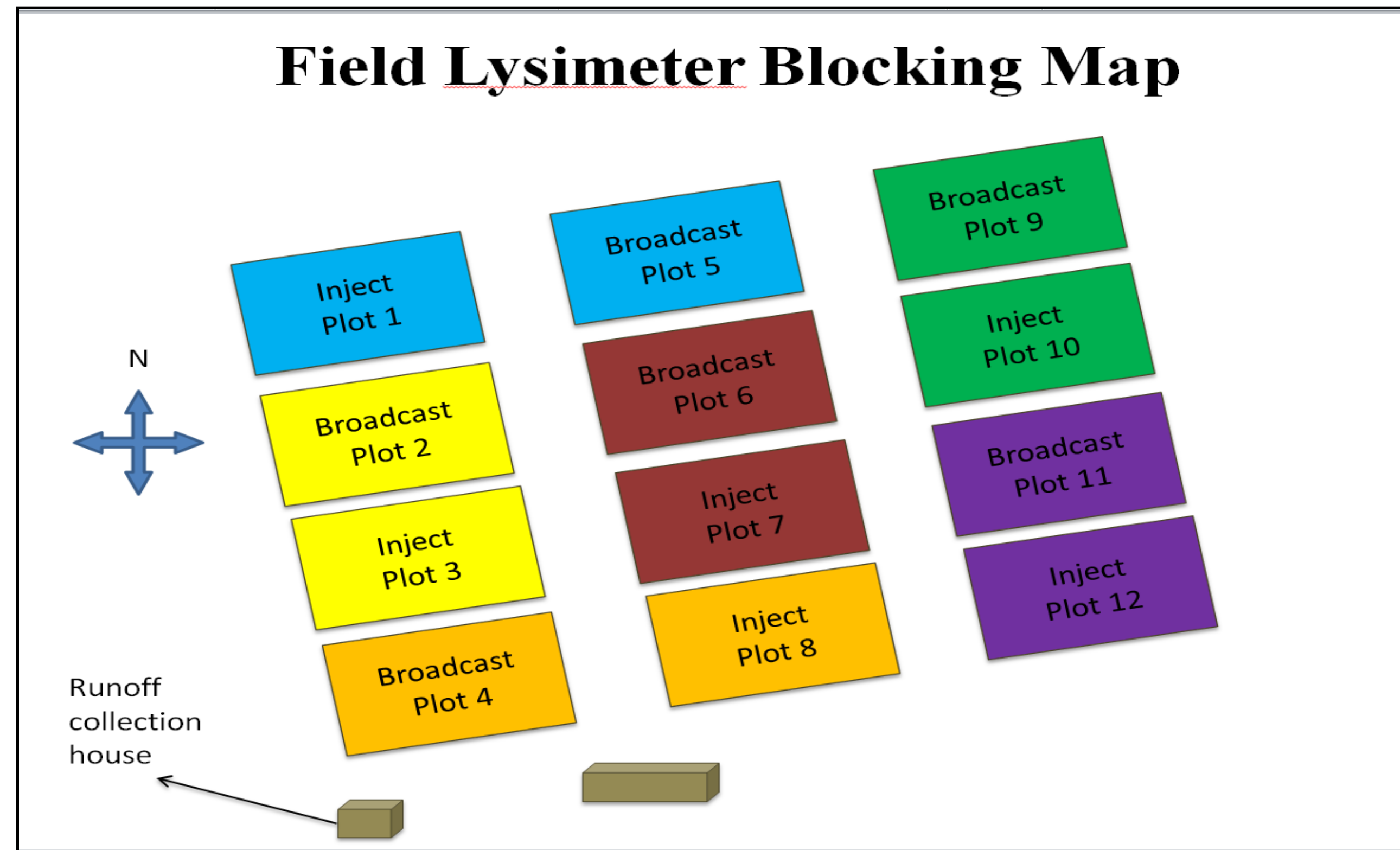
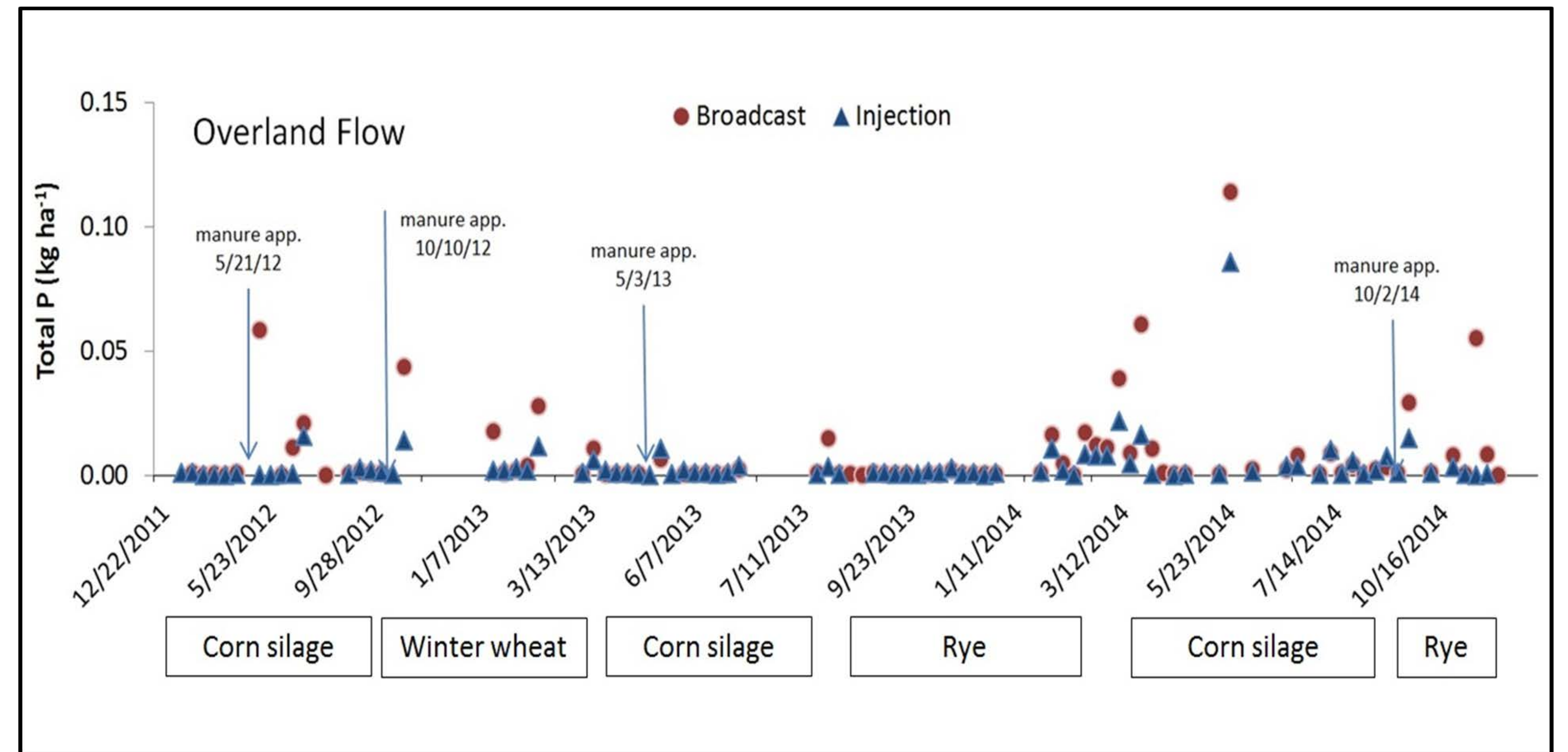


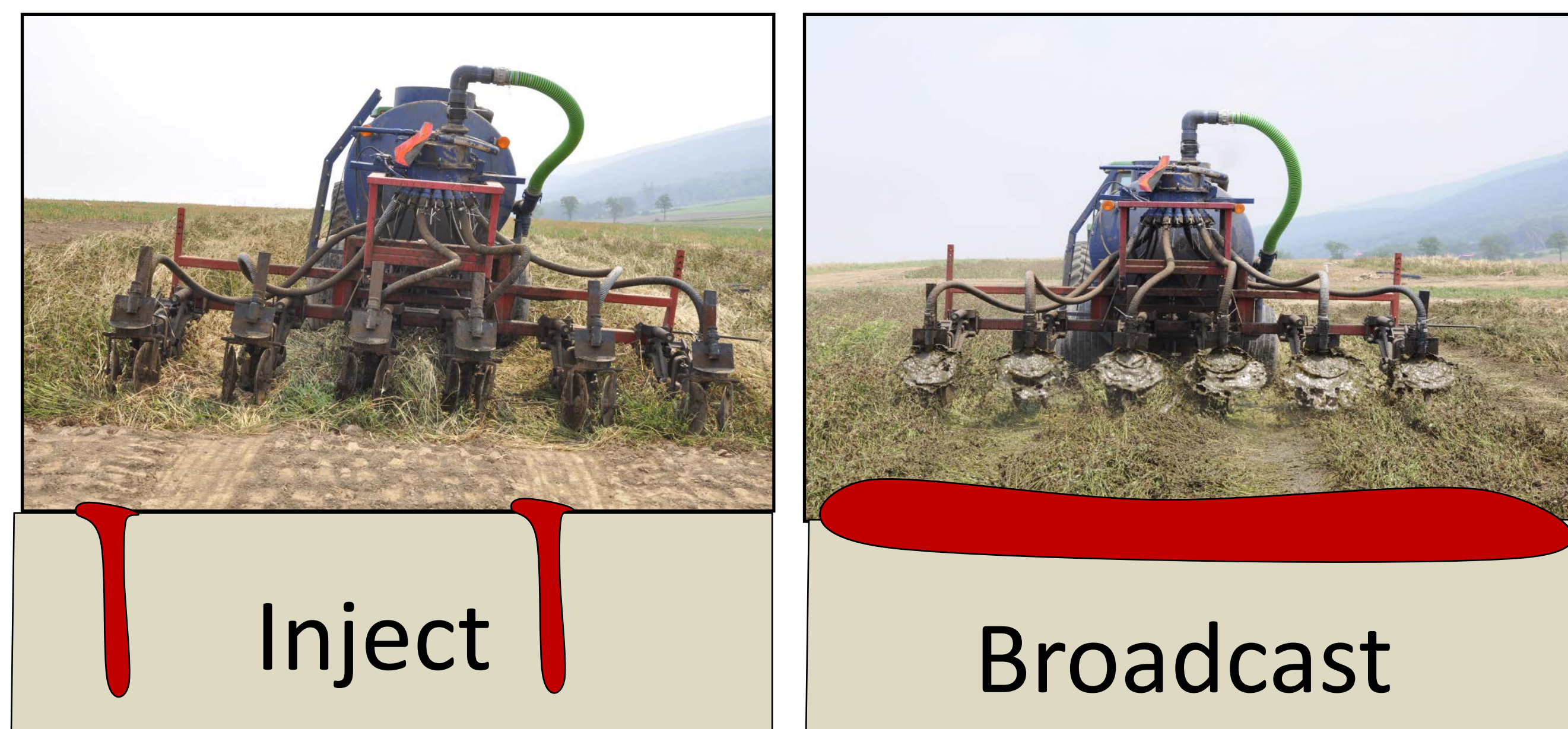
Phosphorus overland flow loss from Broadcast and Injected Manure application methods



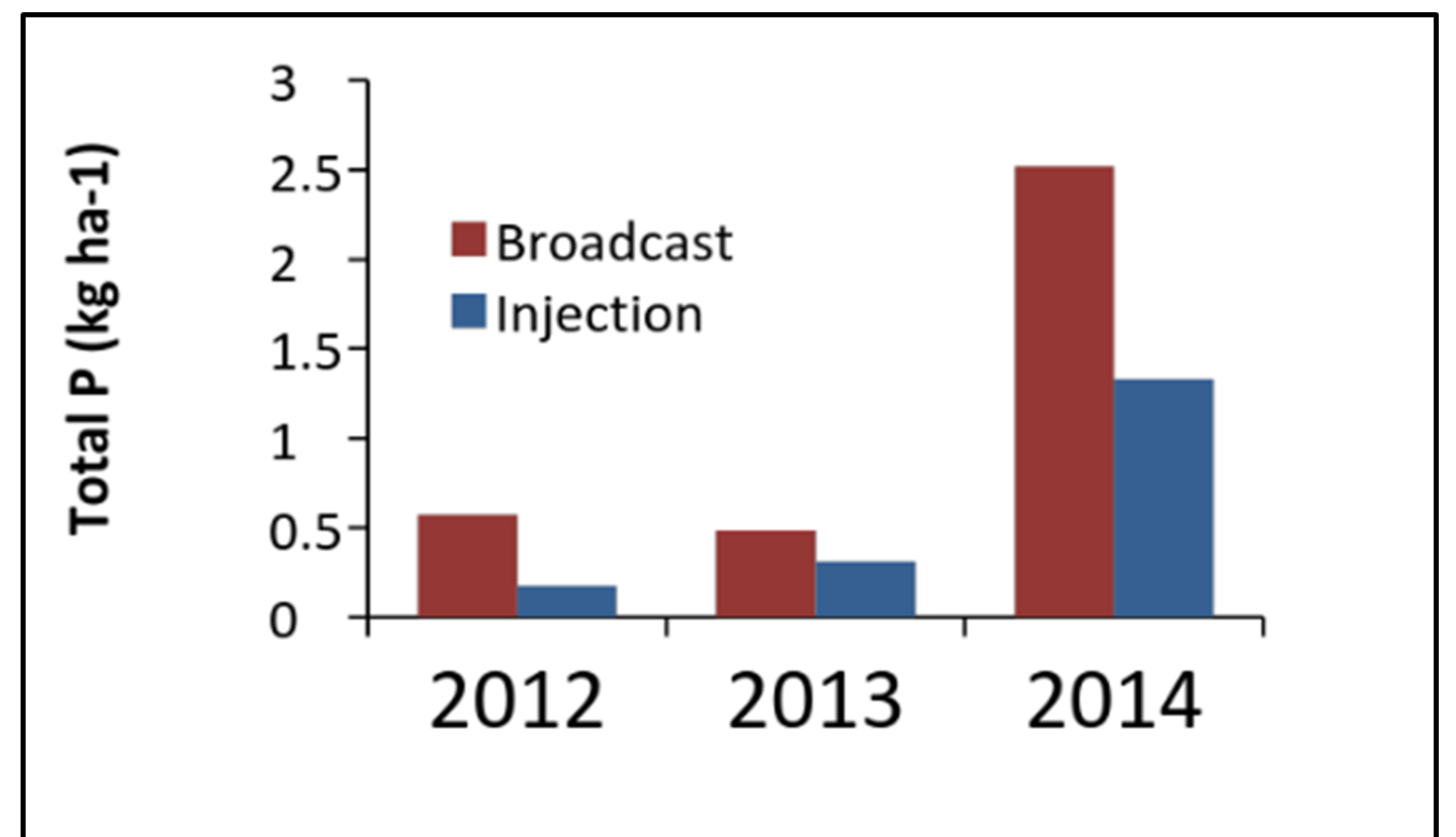
Paired blocks based on landscape position



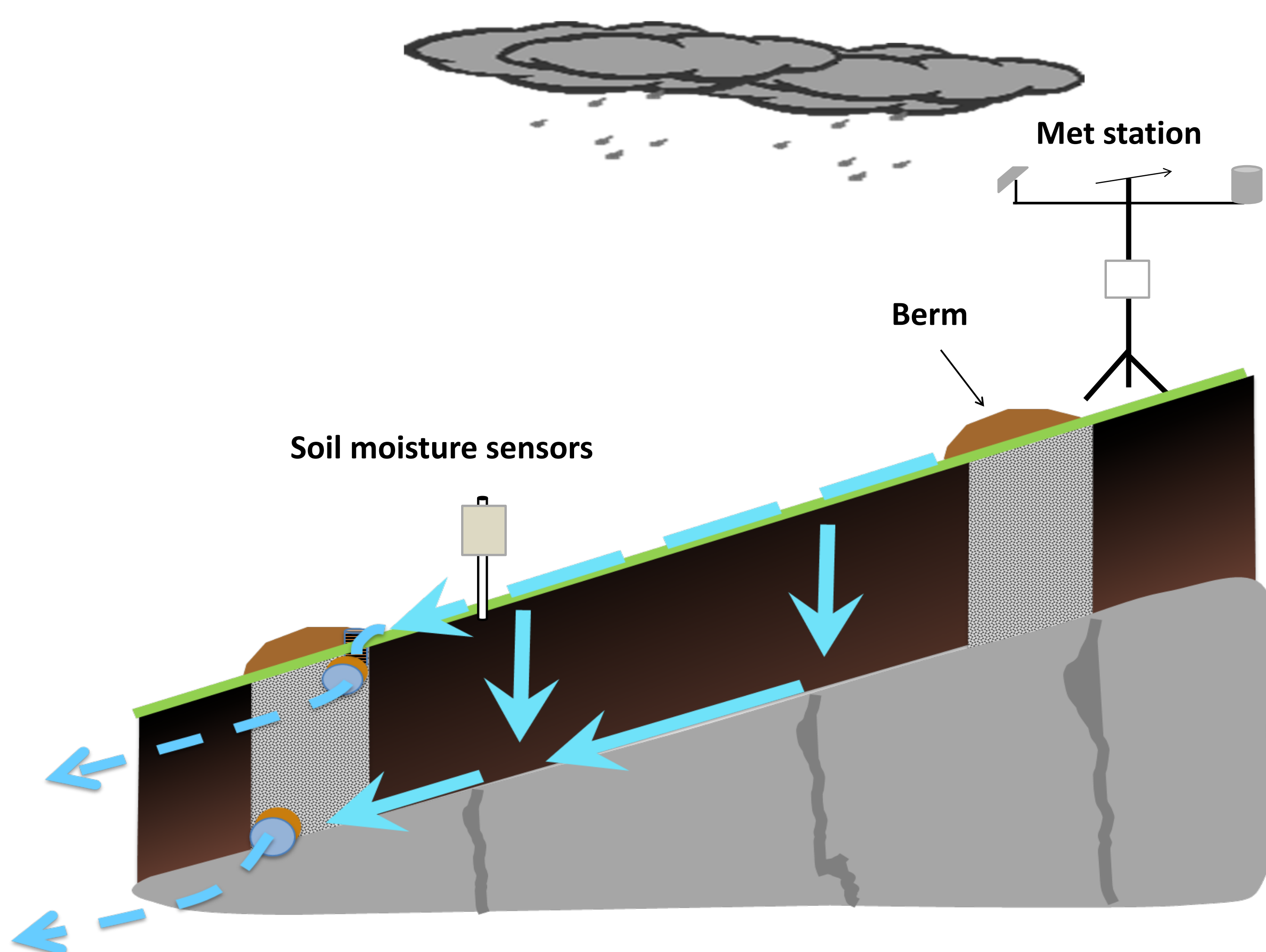
Total overland Phosphorus loss (kg/ha) averaged across manure broadcast and injection plots



Manure application methods



Annual total overland phosphorus loss (kg/ha)



Leachate collection system and drainage at the representing plots

- ✓ Higher overland P loss from the broadcast manure than injected
- ✓ Manure injection conserved P & reduced runoff by placing manure directly into the soil