

Summary

- PMRA has created a new connector between PWC and VFSMOD
 - Allows PMRA to easily explore and customize
 - Open source
 - Still a work-in-progress
- Modelled the effectiveness of VFS to reduce EECs for a small set of pesticides
- Initial predictions are that a 3m VFS can provide order-of-magnitude reduction in ecological risk, and a 10m VFS a further order-of-magnitude reduction
 - Predicted VFS performance varies widely across the 11 standard Canadian PWC scenarios
 - Greater variation between scenarios than between pesticides
 - Additional modelling revealed VFS performance strongly associated with soil texture
- The 10m VFS currently required on some Canadian pesticide labels is a good baseline
 - Provides considerable protection of water habitats
 - Some room for width reduction on a site-by-site basis, using a future online calculator

