

Crop Rotation Planning Considerations

Previous Crop	Planned Crop								
	Wheat	Oats	Barley	Canary	Canola	Flax	Field Pea	Faba bean	Soybean
Wheat	FHB Foliar diseases	FHB Admixtures Residual herbicides	FHB Admixtures	FHB No volunteer control Residual herbicides	Recommended Potential for herbicide residue	Recommended	Recommended	Recommended	Recommended
Oats	FHB Admixtures	FHB Foliar diseases	FHB Admixtures	FHB No volunteer control	Recommended	Recommended Slightly lower yields than other cereals	Recommended	Recommended	Recommended
Barley	FHB Admixtures	FHB Admixtures Residual herbicides	FHB Foliar diseases	FHB No volunteer control Residual herbicides	Recommended	Recommended	Recommended	Recommended	Recommended
Canaryseed	No issues	Residual herbicides	No issues	Leaf diseases Septoria leaf mottle	Recommended	Seed similar in size and hard to separate	Recommended	Recommended	Recommended
Canola	Recommended	Recommended	Recommended	Recommended	Blackleg Clubroot Sclerotinia	Lower yields –reduced arbuscular mycorrhizae	Volunteer control Sclerotinia	Sclerotinia Lygus	Sclerotinia Glyphosate tolerant volunteers
Flax	Recommended – takes advantage of deep soil moisture	Recommended – takes advantage of deep soil moisture	Recommended – takes advantage of deep soil moisture	Seed similar in size and hard to separate Volunteer control	Sclerotinia	Not recommended – lowest yield potential	Recommended Sclerotinia	Sclerotinia	Sclerotinia
Field Pea	Recommended Nitrogen benefit	Recommended Nitrogen benefit	Recommended Nitrogen benefit Watch protein bump if growing malt	Recommended Nitrogen benefit	Nitrogen benefit Sclerotinia. Residual herbicides	Recommended – yields similar to cereal stubble Residual herbicides Nitrogen benefit	Aphanomyces Sclerotinia Root rot Mycosphaerella blight	Sclerotinia	Sclerotinia
Faba bean	Recommended Nitrogen benefit	Recommended Nitrogen benefit	Recommended Nitrogen benefit Watch protein bump if growing malt	Recommended Nitrogen benefit	Nitrogen benefit Sclerotinia. Residual herbicides	Recommended Nitrogen benefit Sclerotinia Residual herbicides Nitrogen benefit	Sclerotinia	Sclerotinia Chocolate spot Lygus	Sclerotinia
Soybean	Recommended Nitrogen benefit	Recommended Nitrogen benefit	Recommended Nitrogen benefit	Recommended Nitrogen benefit	Nitrogen benefit Glyphosate tolerant volunteers Sclerotinia. Residual herbicides	Recommended Sclerotinia Nitrogen benefit	Sclerotinia	Sclerotinia	Sclerotinia

Herbicide Residues – refer to pages 79 and 80 for charts of re-cropping restrictions based on the herbicides used in previous crop

Indicates recommended rotational crop

Indicates warning that there are potential problems with this rotation that require further investigation