

2022 Crop Rotation Guidelines MPCl



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	Current Year's Planned Crop				
	Smooth Peas*	Lentils	Canola	Chickpeas	Mustard
Previous Crop Year(s)	Break Required from Previous Crop				
Smooth Peas*	2 Years	1 Year	None	None	None
Lentils	1 Year	2 Years	None	None	None
Canola	None	None	1 Year	None	1 Year
Chickpeas	1 Year	1 Year	1 Year	3 Year	1 Year
Mustard	None	None	1 Year	None	1 Year
Sunflower/Rapeseed	None	None	1 Year	None	1 Year

*Smooth Peas include Smooth Green and Yellow Peas, Austrian Peas and Forage Peas Grown for Seed

***One year break would be one full crop year seeded to another crop. For example if you plan on seeding Smooth Peas in 2018 you could not have seeded Smooth Peas in 2017 or 2016 or have seeded Lentils or Chickpeas in 2017

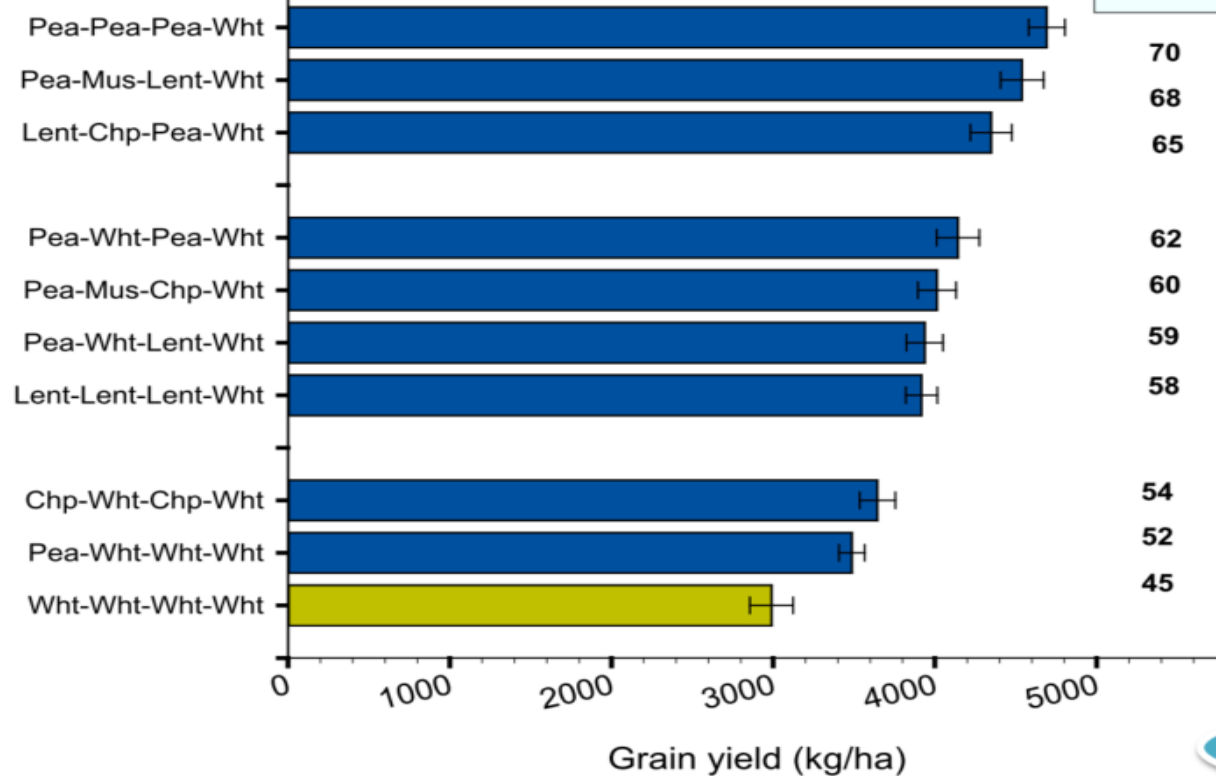
*****If you have other broadleaf crops in your rotation not listed on this chart please check with us on rotation issues!!!!**

Why Rotate Crops?

WUE = Water use Efficiency
 NUE= Nitrogen Use Efficiency

Wheat in 4-year rotations

Yr1 - Yr2 - Yr3 - Yr4



NUE: kg grain per kg N

	NUE	WUE
Pea-Pea-Pea-Wht	52.5	12.1
Pea-Mus-Lent-Wht	50.5	11.7
Lent-Chp-Pea-Wht	53.7	10.6
Pea-Wht-Pea-Wht	52.6	9.6
Pea-Mus-Chp-Wht	51.6	9.9
Pea-Wht-Lent-Wht	50.4	9.9
Lent-Lent-Lent-Wht	44.4	9.7
Chp-Wht-Chp-Wht	42.4	9.1
Pea-Wht-Wht-Wht	48.9	8.9
Wht-Wht-Wht-Wht	42.8	7.7

WUE: kg grain per mm water