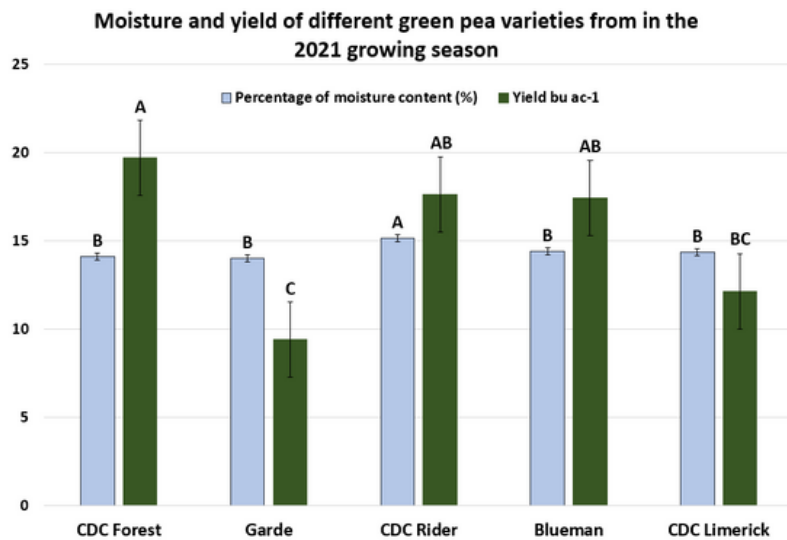


# GREEN PEA AND YELLOW PEA VARIETY TRIAL RESULTS - 2021

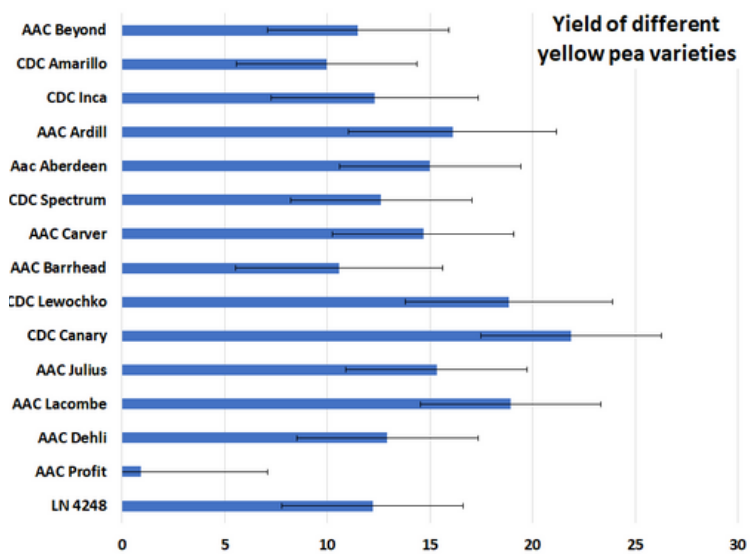
## Green Pea



Green pea varieties were different from each other in moisture (P=0.0148) and yield (P=0.0132), but not in emergence (P=0.9381). Moisture content in CDC Rider green pea was greater than that of the Garde green pea variety. As of yield, the CDC Forest variety was higher yielding compared to CDC Limerick. From these results we can say that yield in CDC Rider and CDC Blueman was as high as that of CDC Forest which also make them great alternatives to grow in the North Peace area.

## Yellow Pea

There was no difference among varieties of yellow pea in percentage of moisture content (P=0.4449), yield (P=0.5164) and emergence (P=0.4242). The settings in the plot combine were not arranged accordingly to the yellow pea seed size in the first five plots. This caused for seed to get trapped in the seed exhaust tube and prevented further sieved seed from being collected through the sacking system. Data absence may cause a greater standard error among treatments. This may explain why despite great differences in yield among varieties, data is reported as nonsignificant. However, there was a possible trend of CDC Canary, CDC Lewotcho, and AAC Lacombe green pea varieties where these produced greater yields than that found in varieties such as AAC Profit.



## Seeding, Maintenance, and Harvest Information

Pulse Variety Trials (Yellow Pea, Green Pea, and Faba Bean) - Seeding, Maintenance, and Harvest Information*									
Seeding**			Maintenance				Harvest***		
Date	Depth	Date	Fertilizer Product	Date	Herbicide Product	Date	Insecticide Product	Date	
May 13	1.25 in.	May 13	13-33-0-15S (120 lb ac <sup>-1</sup> )	May 16	RT 540 (0.66 L ac <sup>-1</sup> )	Jun. 29	Coragen (0.101 L ac <sup>-1</sup> )	Sep. 8	o
				Jun. 8	Viper ADV (0.404 L ac <sup>-1</sup> )			Oct. 2	o
				Jun. 8	28% UAN (0.8 L ac <sup>-1</sup> )				
				Apr. 24	Reglone Ion (0.86 L ac <sup>-1</sup> ) o				

o Yellow Pea and Green Pea (Seeded to 8 plants ft<sup>-2</sup>)  
 o Faba Bean (Seeded to 4 plants ft<sup>-2</sup>)

\* All treatments were set-up as a randomized complete block design (RCBD) with four replicates.  
 \*\* All plots seeded with Fabro no-till seed plot disc drill with planter-mounted coulters.  
 \*\*\* All plots harvested with Wintersteiger Nurserymaster Expert plot combine.  
 Note: Dates and treatments applicable to all trials referenced in each respective chart unless specified.