

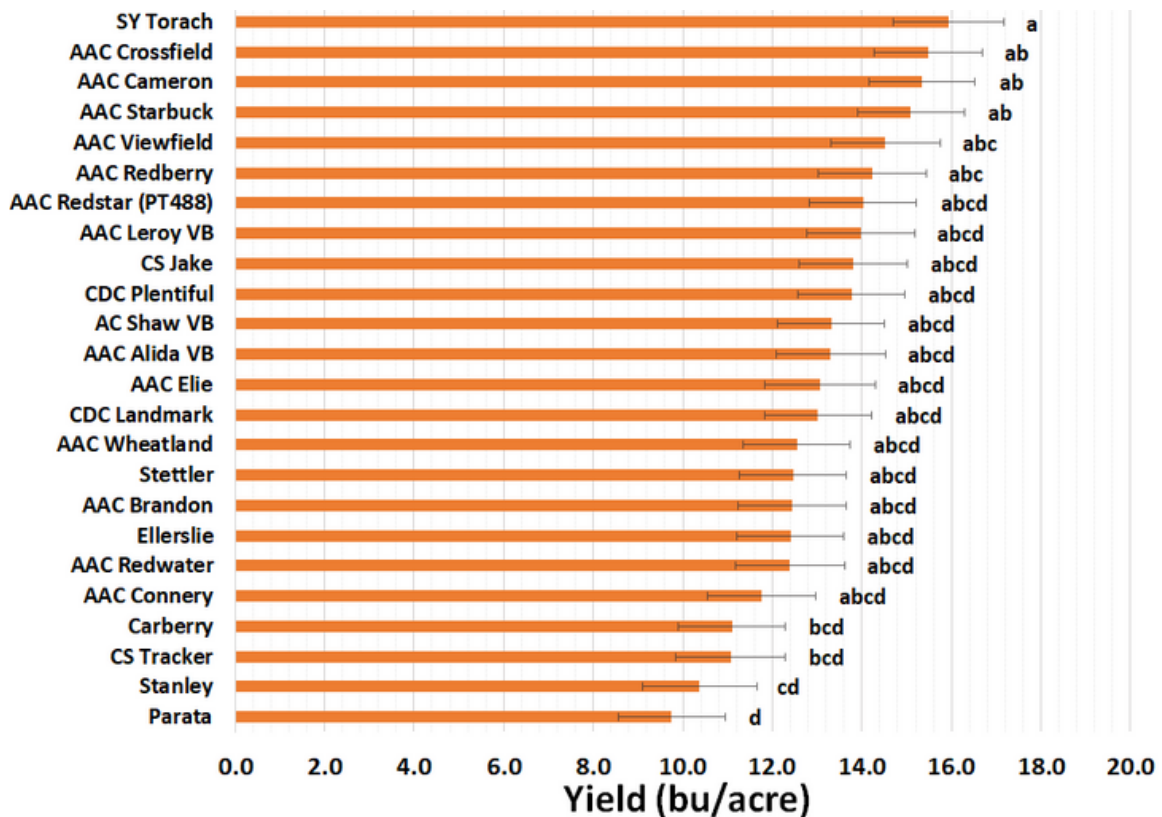
CWRS AND CPS VARIETY TRIAL RESULTS - 2020

Canada Western Red Spring (CWRS) Wheat

Overview: 24 varieties of CWRS wheat were sown; yield, test weight, and protein content values were compared. The field in which this trial took place was notably wet from early-May to early-August, and growth was visibly hindered due to the stress.

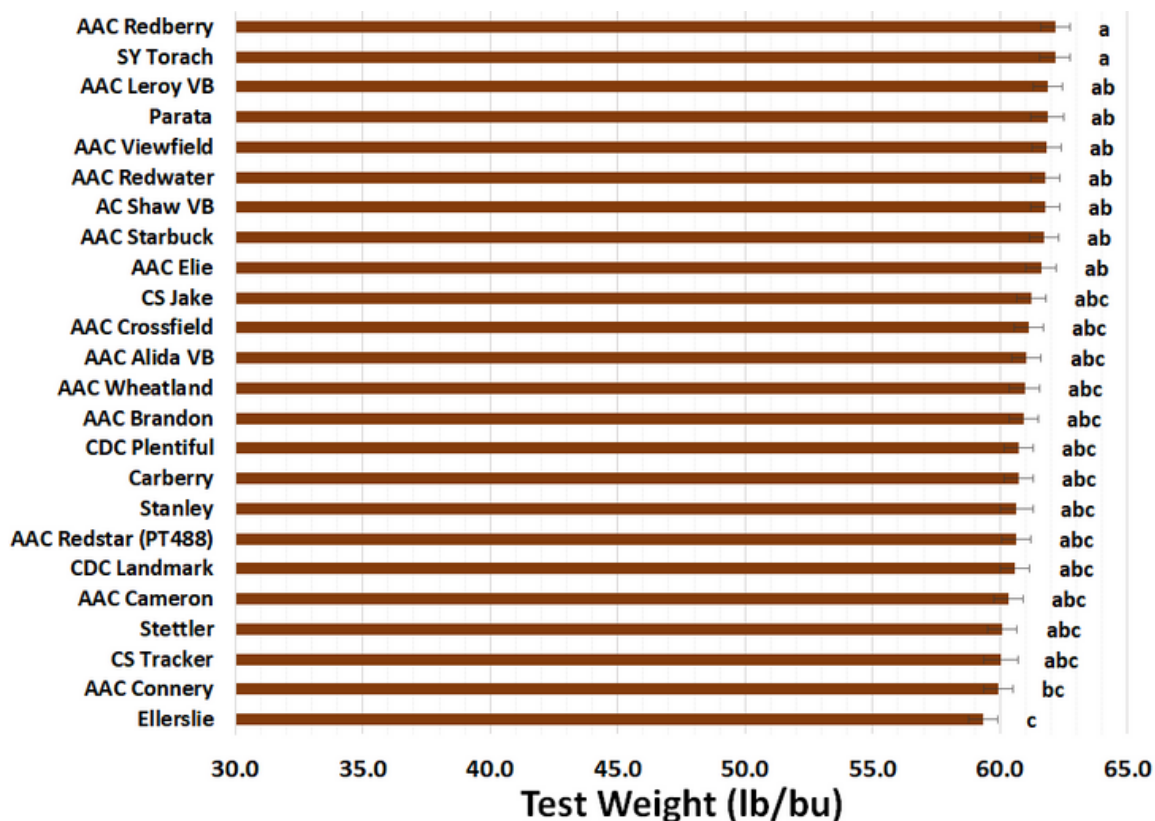
Conclusion: All varieties falling between SY Torach and AAC Connery produced similar yields, 11-16 bu/acre (P=0.03); Likewise, test weights were not significantly different among varieties aside from the lowest values exhibited in AAC Connery and Ellerslie (P=0.04). Ranging 13-13.2%, CS Jake, CDC Landmark, and Parata displayed the highest protein contents (P<0.0001). The yield analysis C.V. was 18.1, thus yield results can not be considered reliable.

Seeding Date: May 15
Seeding Depth: 1.25 in.
Seeding Rate: 30 plants/sq. ft.
Harvest Date: Sept. 30
Applications:
 May 13: Glyphosate - 0.66 L/ac
 Heat - 0.059 L/ac
 Merge - 0.2 L/ac
 May 15: 13-33-0-15S - 120 lb/ac
 46-0-0-0 - 120 lb/ac
 June 5: Prestige A - 0.32 L/ac
 Prestige B - 0.81 L/ac
 July 14: G22 - 3 L/ac
 F18 - 0.5 L/ac
 Microbolt (B) - 0.25 L/ac
 Microbolt (Mo) - 14 g/ac

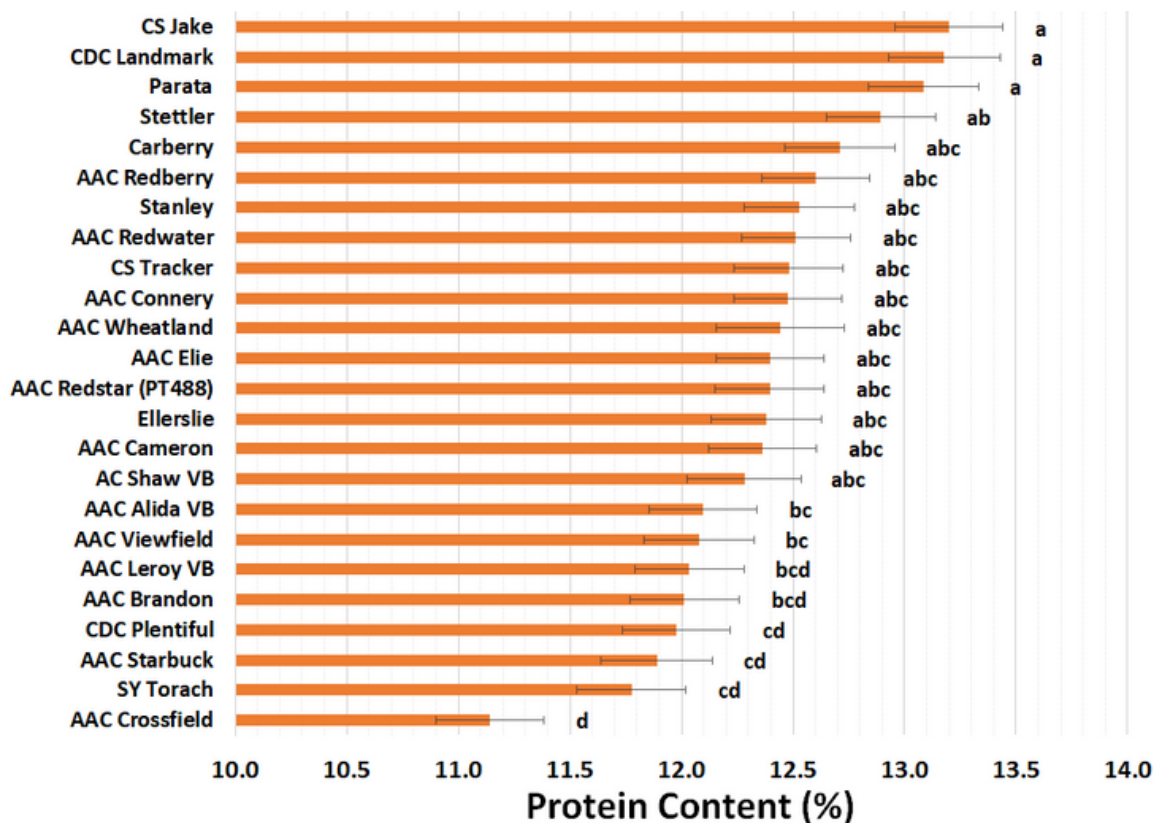


coefficient of variation = 18.1; least square means differences were significant at 0.05

CWRS AND CPS WHEAT VARIETY TRIAL RESULTS - 2020



coefficient of variation = 5.3; least square means differences were significant at 0.05



coefficient of variation = 3.9; least square means differences were significant at 0.05

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Canada Prairie Spring (CPS) Wheat

Overview: This regional variety trial compared the harvest yield, test weight, and protein content of five CPS wheat varieties.

Conclusion: AAC Foray VB alongside CS Accelerate produced the highest yields (P=0.01). No variety produced significantly different test weight values from another (P=0.07). In 2020, mean yield ranged from 25 to 40 bushels per acre, whereas last year's NPARA yields spanned 50 to 80 bushels per acre. Test weight values ranged from 60-65 lbs/bushel. AAC Penhold and SY Rowyn had the highest protein content, at 12.94% and 12.70%, respectively, whereas AAC Foray VB had the lowest at 10.94% (P=0.02). Often, yield and protein content have an inverse relationship, AAC Foray displays this principle here as expected.

Seeding Date: May 15

Seeding Depth: 1.25 in.

Seeding Rate: 30 plants/sq. ft.

Harvest Date: Sept. 29

Applications:

May 12: 46-0-0-0 - 120 lb/ac

May 13: Glyphosate - 0.66 L/ac

Heat - 0.059 L/ac

Merge - 0.2 L/ac

May 15: 13-33-0-15S - 120 lb/ac

June 5: Prestige A - 0.32 L/ac

Prestige B - 0.81 L/ac

