

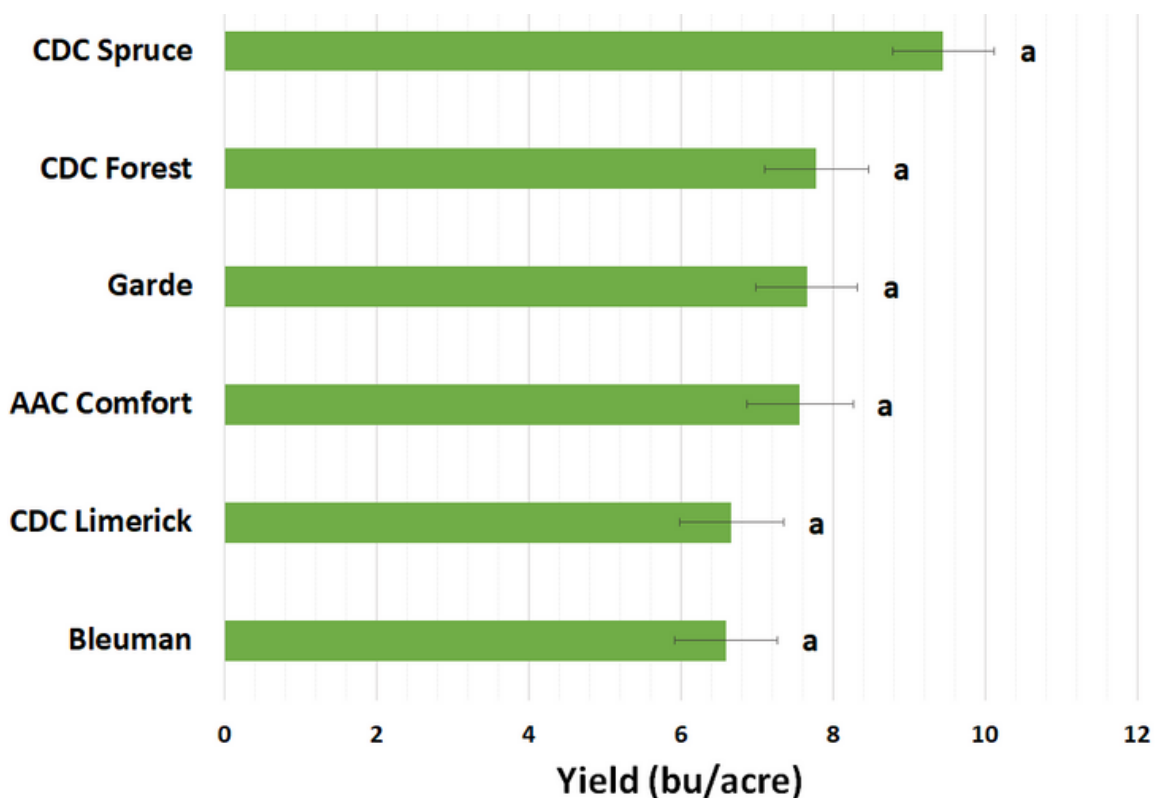
GREEN PEA VARIETY TRIAL RESULTS - 2020

Overview: The green pea variety trial consisted of six varieties. Growth was negatively affected by high moisture soil conditions. Leaf diseases were also observed from June to August.

Conclusion: Differences in yield were not significant among the green pea varieties. All ranged between 6-10 bu/acre (P=0.09). The green peas did not fair well this season, nor did the yellow peas due to the stressful weather. On a "normal" year, green pea and yellow pea yields at NPARA range 30-40 bu/acre. The coefficient of variation coinciding with the yield analysis was 17.4, thus the results do not indicate a variety's true yield potential.

Seeding Date: May 13
Seeding Depth: 1.5 in.
Seeding Rate: 8 plants/sq. ft.
Harvest Date: Sept. 09
Applications:

May 13: 13-33-0-15S - 120 lb/ac
May 15: Glyphosate - 0.66 L/ac
June 10: Viper - 0.434 L/ac
UAN - 0.81 L/ac
Aug. 11: Reglone - 0.69 L/ac



coefficient of variation = 17.4; least square means differences were significant at 0.05