

POTATO TRIAL AT A SEED POTATO FARM

Leduc / Wetaskiwin area, Alberta

- Trail Parameters:** - 20 acre field split in two: south 10 acres was Control, north 10 acres treated with Penegetic k & p.
- Full 20 acres received Grower Standard Practice (GSP) = same fertilizer and chemical treatments.
 - Penegetic k (10.5 oz./acre) was applied as a spray to the soil shortly after potatoes seeded.
 - Penegetic p was applied as foliar spray with fungicide applications (3 X 3.5 oz./acre).*
- * Note: protocol did not include seed treatment (which typically is 3.5 oz./acre of penegetic p added in the furrow).



Yield Comparison: At harvest grower dug up and weighed 8 rows (0.4 acre) in both the Control & Penegetic areas.
Control area = 360 cwt/acre (18 tons) of potatoes. Penegetic-treated area = 435 cwt/acre (21.75 tons) of potatoes.
Difference: Penegetic-treated area yielded 75 cwt (3.75 tons) more potatoes per acre = 20.8% higher yield.

Note: Weights rounded to the nearest cwt.