

## Scale, other stuff we do

- 5 ac potatoes, ~10 vars
  - 45% golds
  - 20% reds
  - 15% russets
  - 10% fingerlings
  - 10% others

- 5 ac winter squash
- 4 ac sweet corn
- 2.5 ac sweetpotatoes
- 2 ac onions
- 3 ac brassicas
- 2-3 ac this and that
- Tunnels for tomatoes, etc.



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## Fertility Recs & goals

Potatoes: very, very heavy feeders

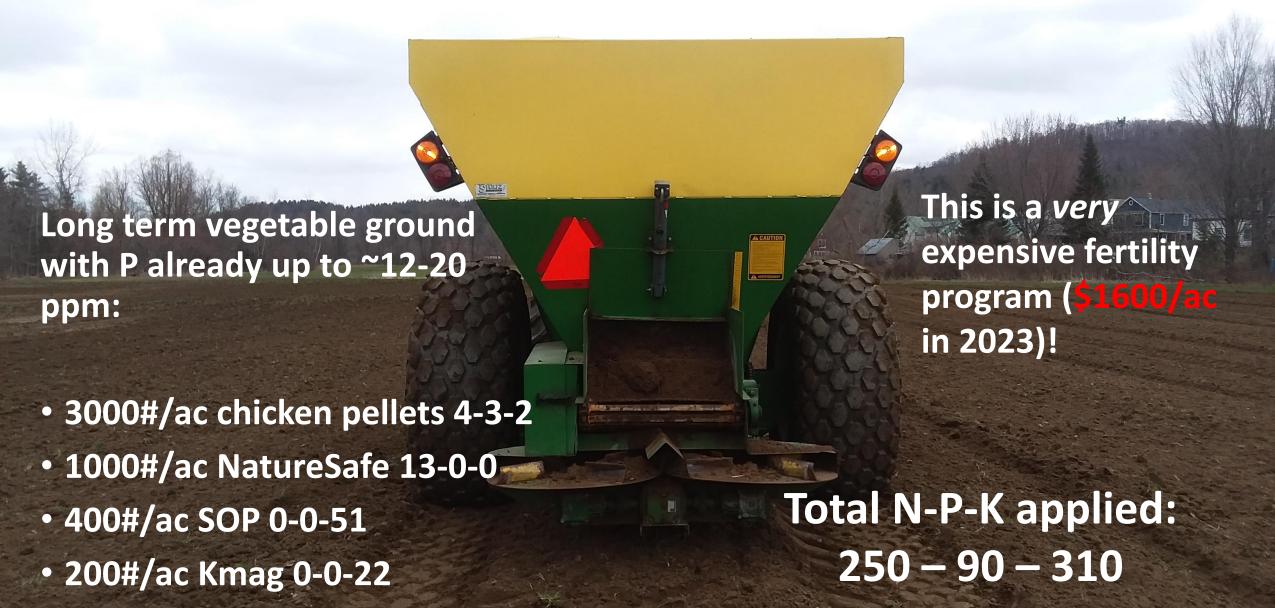
Yield target: 350+ cwt/ac

- N: ~250 #/ac
- P<sub>2</sub>O<sub>5</sub>: \* #/ac
- $K_2O$ : >300-350 #/ac
- Water, very regularly....

Univ of ME recommendations for organic potato production:
120# N, 25# P<sub>2</sub>O<sub>5</sub>, 140# K<sub>2</sub>O

Nutrient <u>uptake</u> by a 350cwt/ac potato crop:
200# N, 30# P<sub>2</sub>O<sub>5</sub>, 250# K<sub>2</sub>O

## Typical potato fertilizer program:



















Checchi & Magli hiller + modified Rain-Flo double drip tape applicator.

Scab prevention primary reason. Yield 2<sup>nd</sup>.

2 rolls of drip per acre = >\$300/ac





















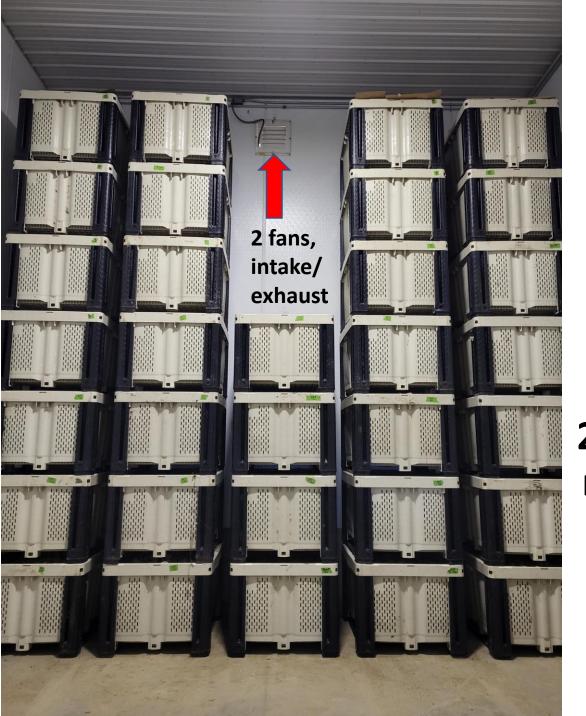
- Digger + hand picking: 2-2.5 person-hrs/bin
- 1-row bunker harvester: 0.25 person-hrs/bin

2 hrs/bin saved x 185 bins = 300+ personhrs/yr saved on 5 acres......

Plug in your farm's \$ labor rate.... 30% ROI for us.







~140 bins, 21x26 room





