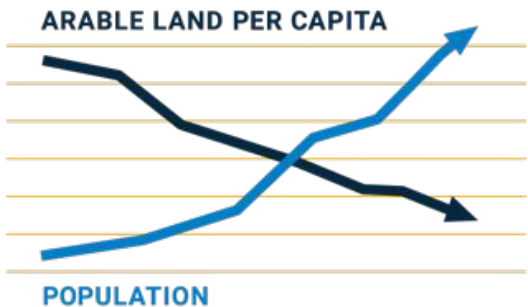


Humble Potato Hidden Treasure Unlocked

*Highly recommended food security crop triples yield and halves pesticides use
More with less*



Potato potential unleashed through tiny true seeds

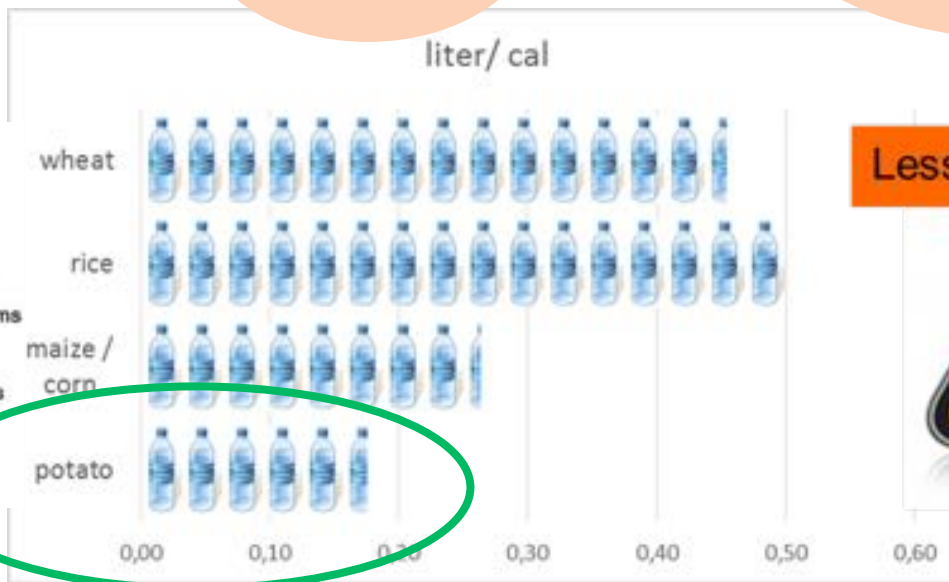
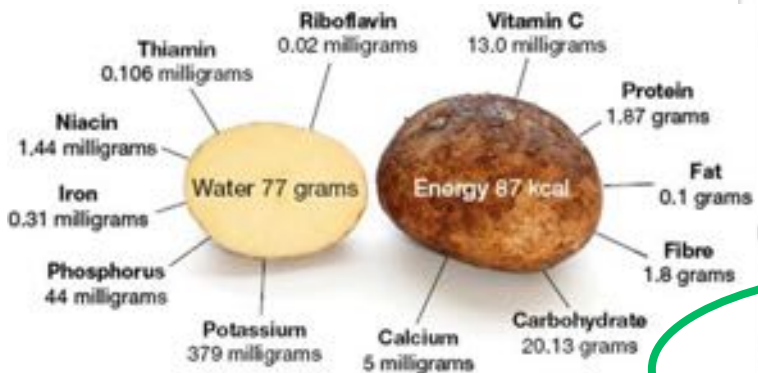


MORE FOOD

BETTER FOOD

LESS WATER

LESS ENVIRONMENTAL IMPACT



Less PESTICIDES



Powerful Potato but 2 drawbacks:

1. No healthy planting material
2. No breeding, no genetic gain

Solynta overcame these drawbacks

1. PLANTING MATERIAL

seeds

versus

tubers

25 grams

to plant a hectare

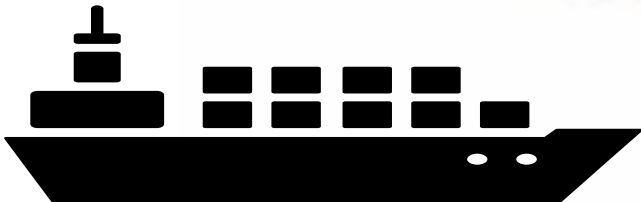
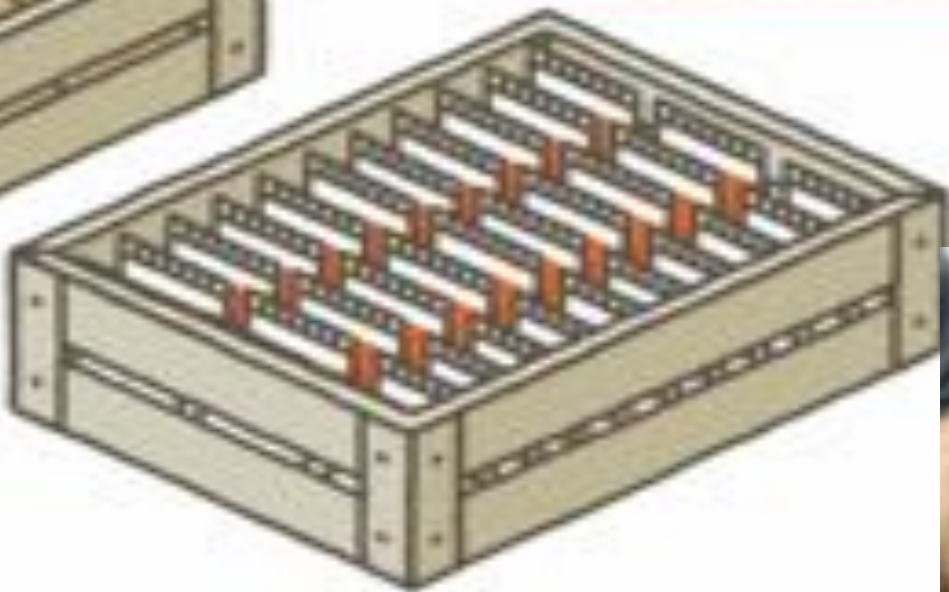
2500 kilo



100 tuber potatoes



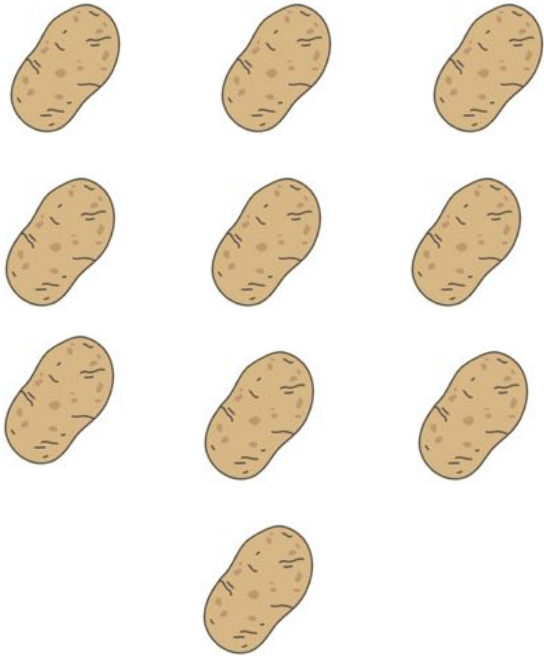
16 million seeds



Very high transportation and storage costs



10
copies



25,000,000
copies





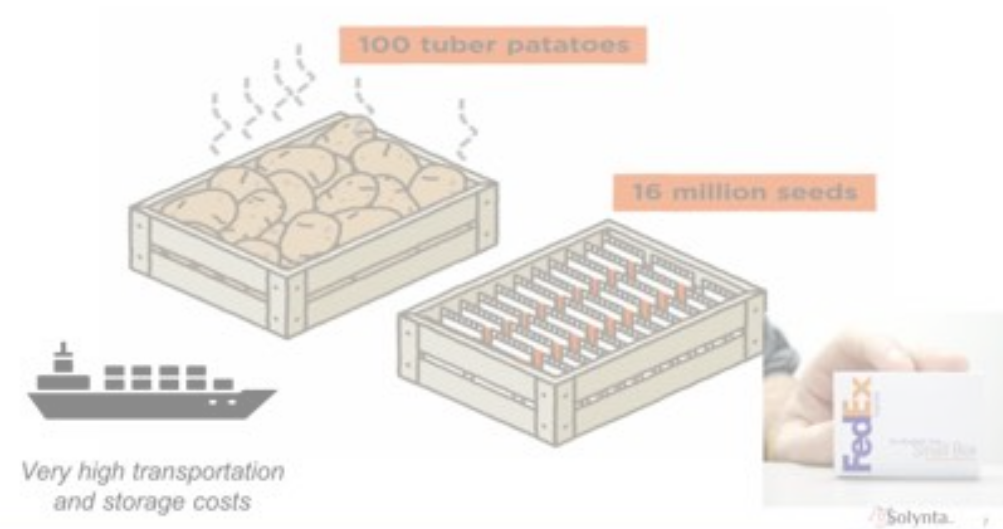
diseased
contaminated

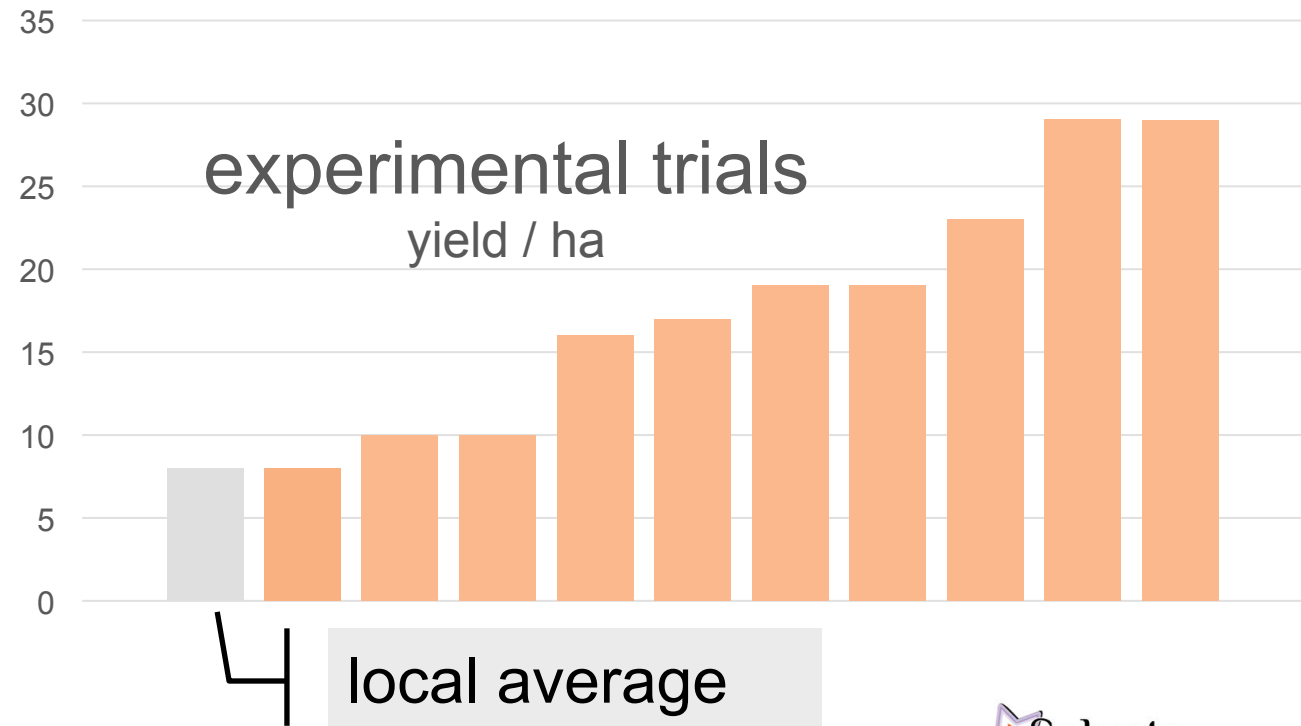


healthy,
pristine



So, seed instead of tubers, is this important,





2. BREEDING



Russet Burbank 1875



Bintje 1905

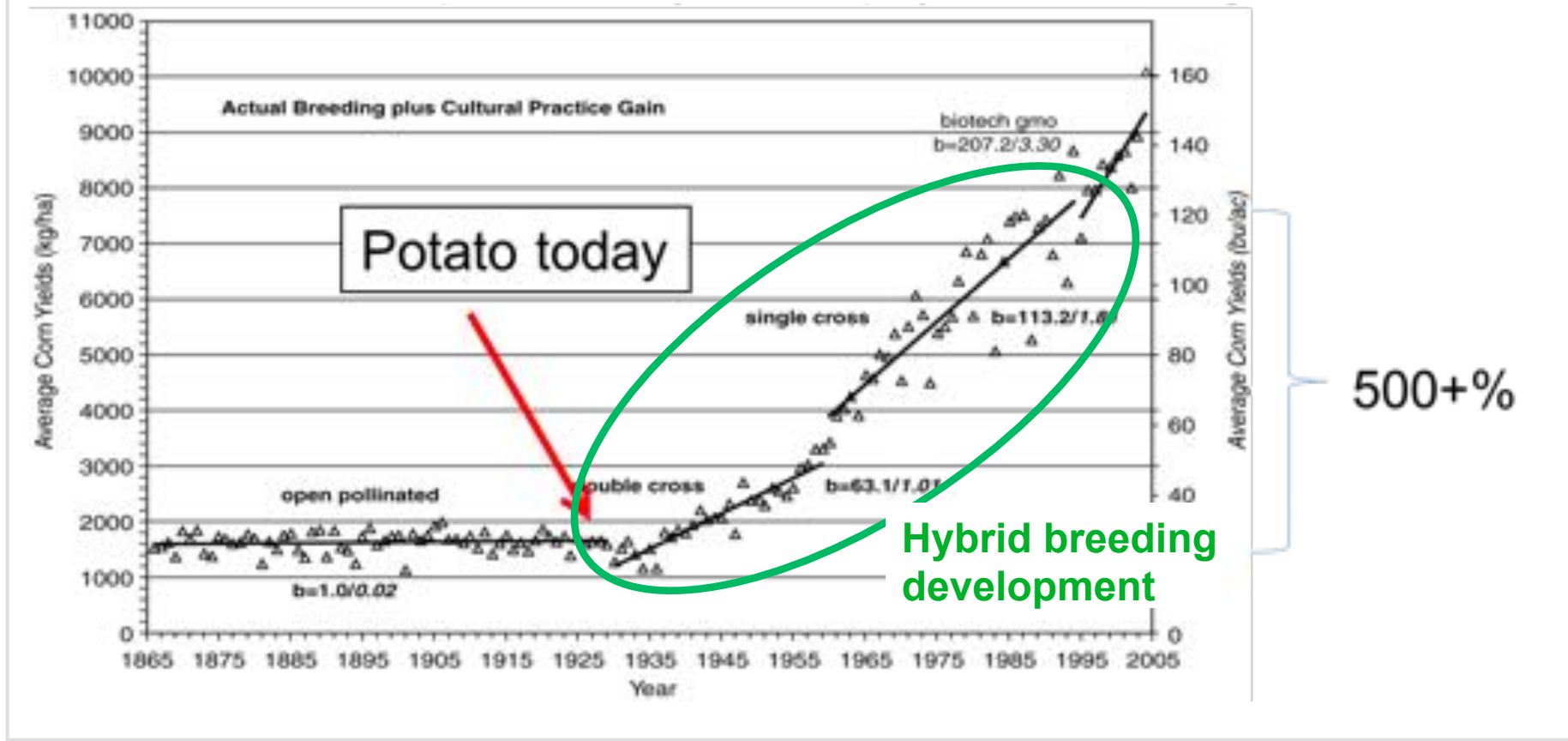


hodgepodge



targetable, predictable
fast & efficient

Corn yield progression, genetic and agronomic gain, 1865-2005



30-100% yield increase

RESISTANCE BREEDING NOW POSSIBLE

Late blight is a global problem



\$6,000,000,000 annual cost
Pesticide
Yield loss
labour & machines



Late Blight demonstration project 2016-2017



***Highly recommended food
security crop triples yield
and halves pesticides use***

more with less



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www.solynta.com

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