



# *A Review Of The Industry 2016*



**MAINE POTATO BOARD**



# INFORMATION AND TECHNOLOGY ARE NICE, BUT HAVE YOU MET A GROWER?

Over the past few years agriculture has been inundated with information and the technology that produces and uses it. It has been said that the smart phone that you have has more capacity than the computers that were used to send the first men to the moon. It's true, we send pictures to each other on a device that is more sophisticated than the computers that NASA had in 1969. The cost then was millions of dollars; the cost today less than a couple of hundred. This level of technological ability has permeated agriculture to the point that we may take it for granted.

Email is a given today as well as the use of smart phones that provide us the opportunity to ask Siri anything, and become irritated when she doesn't answer fast enough. Growers access weather radar from tractor seats today. They also control and monitor irrigation systems and potato storage systems from wherever they have a "signal". Precision agriculture made possible by GPS devices on tractors and equipment is common place in our industry. We even have growers working with companies birthed at MIT, that use drones and imaging software to determine the level of virus infection in a potato field.

Not many years ago a field of potatoes could have a disease that was known to be caused by bacteria. Today we have the ability to determine what family, genus and species that bacteria belongs to, and with DNA sequencing, we can determine if the bacteria has the same genetic fingerprint as similar bacteria in other parts of the world. This is good information to have when working out a strategy to manage the disease. Today growers can diagnose in the field with a simple kit what would have, in the not too distant past, required a laboratory, a technician and a number of days to diagnose.

There are some things that information and technology cannot replace. Intuition, innovation, compassion, imagination, creativity, wisdom and desire are a few things that are still necessary to grow potatoes. We have made great strides in our ability to generate information and create amazing technology, but we still need a grower. We still need actual human beings to grow potatoes. The Maine potato industry has some of the most capable, compassionate, creative, innovative and imaginative people in the world. This is one of the reasons why we have a commercial potato industry in Maine that is well over 200 years old.

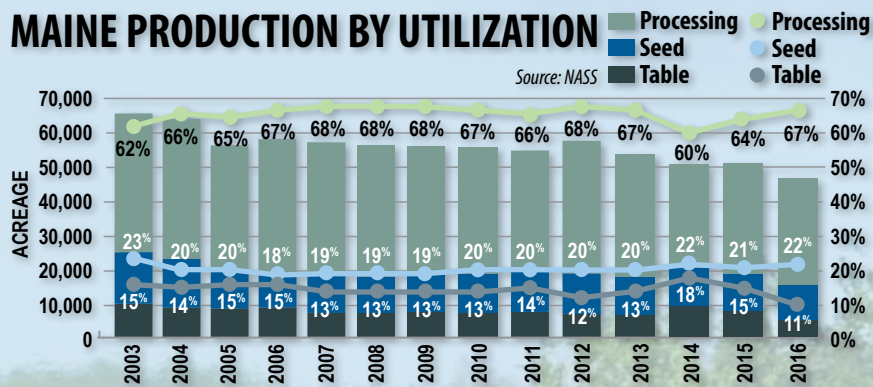
Agricultural technology will continue to improve and information will continue to increase, but they are still just tools that need a farmer to apply them for the benefit of us all.

Join us. Find us online at [www.mainepotatoes.com](http://www.mainepotatoes.com), on Facebook at [www.facebook.com/MainePotatoes](https://www.facebook.com/MainePotatoes) or on Twitter @MainePotatoes.





## MAINE PRODUCTION BY UTILIZATION



## 2014-2016 UTILIZATION BY ACREAGE

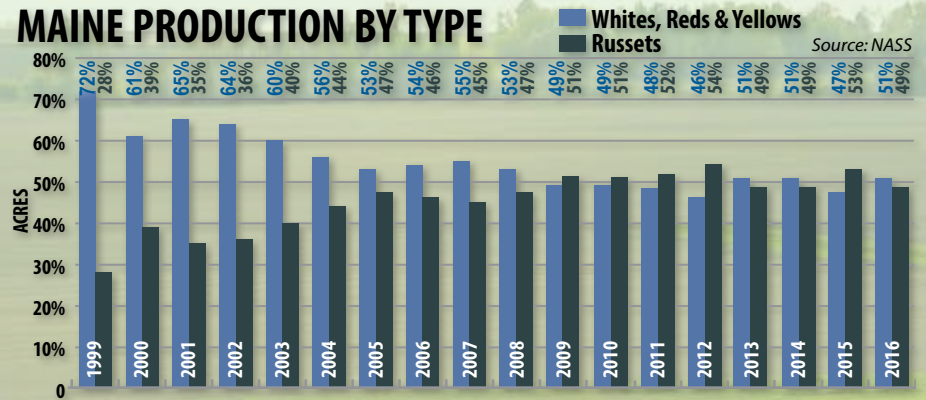
	2014 Total Harvested Acres		2015 Total Harvested Acres		2016 Total Harvested Acres	
Processing	Acres	%	Acres	%	Acres	%
Processing	30,192	60%	32,241	64%	30,829	67%
Seed	10,860	22%	10,486	21%	9,917	22%
Tablestock	9,090	18%	7,575	15%	5,060	11%
<b>Total</b>	<b>50,500</b>	<b>100%</b>	<b>50,500</b>	<b>100%</b>	<b>46,000</b>	<b>100%</b>

Source: New England Agricultural Statistics Service, MPB/ABC

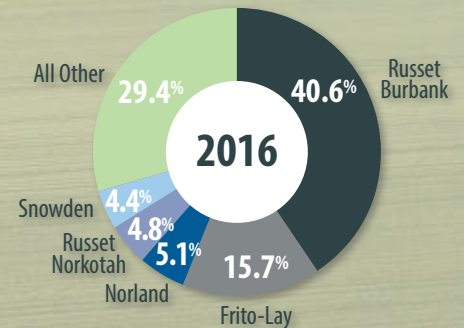
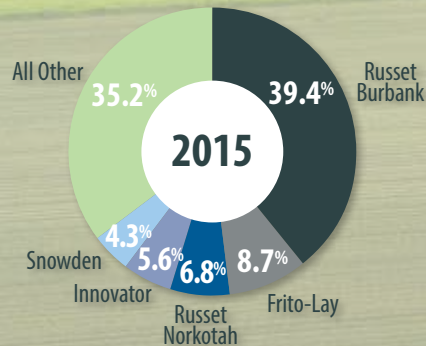
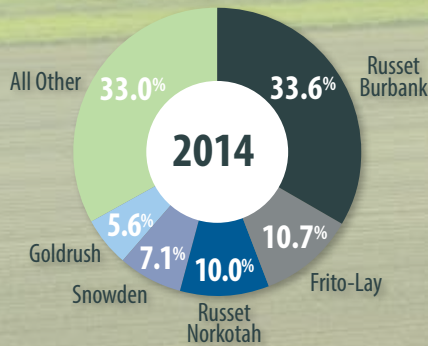


# MAINE POTATO PRODUCTION & CASH RECEIPTS

## MAINE PRODUCTION BY TYPE



## MAINE'S TOP FIVE VARIETIES



## MAINE'S TOP 5 VARIETIES 2014 - 2016

2014	% Of Total	Acres Planted	2015	% Of Total	Acres Planted	2016	% Of Total	Acres Planted
Russet Burbank	33.6	17,136	Russet Burbank	39.4	20,291	Russet Burbank	40.6	18,879
Frito-Lay	10.7	5,457	Frito-Lay	8.7	4,437	Frito-Lay	15.7	7,301
Russet Norkotah	10.0	5,100	Russet Norkotah	6.8	3,468	Norland	5.1	2,371
Snowden	7.1	3,621	Innovator	5.6	2,856	Russet Norkotah	4.8	2,232
Goldrush	5.6	2,856	Snowden	4.3	2,193	Snowden	4.4	2,046
All Other	33.0	16,830	All Other	35.2	17,755	All Other	29.4	13,671
<b>Total</b>	<b>100%</b>	<b>51,000</b>	<b>Total</b>	<b>100%</b>	<b>51,000</b>	<b>Total</b>	<b>100%</b>	<b>46,500</b>

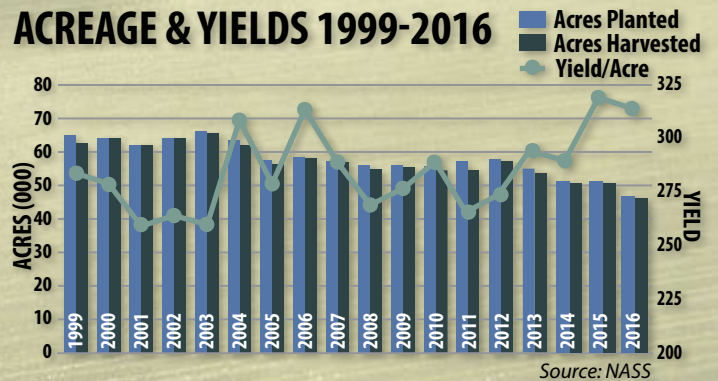
Source: NASS

## MAINE POTATO PRODUCTION

Year	Acres Planted		CWT	
	Acres Planted	Acres Harvested	Yield/Acres	Production (000)
1999	65,000	62,500	285	17,813
2000	64,000	64,000	280	17,920
2001	62,000	62,000	260	16,120
2002	64,000	64,000	265	16,960
2003	66,000	65,500	260	17,030
2004	63,500	62,000	310	19,220
2005	57,500	56,200	280	15,736
2006	58,500	58,000	315	18,270
2007	57,100	57,000	290	16,530
2008	56,000	54,700	270	14,769
2009	56,500	55,500	275	15,263
2010	55,000	54,800	290	15,892
2011	57,000	54,000	265	14,310
2012	57,500	57,000	275	15,675
2013	54,500	53,000	295	15,635
2014	51,000	50,500	290	14,645
2015	51,000	50,500	320	16,160
2016	46,500	46,000	315	14,490
<b>Avg.</b>	<b>57,922</b>	<b>57,067</b>	<b>286</b>	<b>16,247</b>

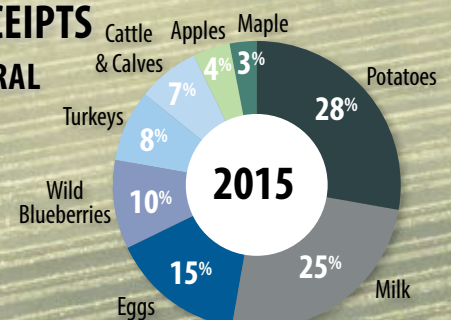
Source: USDA/NASS/MPB

## ACREAGE & YIELDS 1999-2016



## TOTAL CASH RECEIPTS

### MAINE AGRICULTURAL RECEIPTS



Source: NASS/USDA

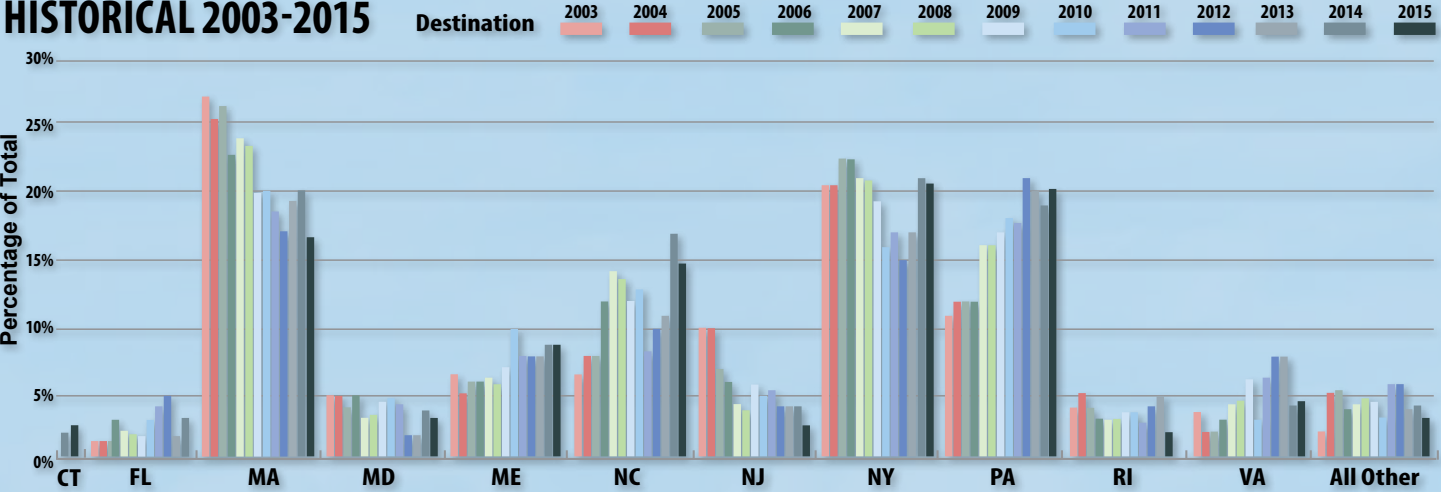






# MAINE POTATO DISTRIBUTION: TABLESTOCK

## TOP 10 TABLESTOCK SHIPMENTS HISTORICAL 2003-2015

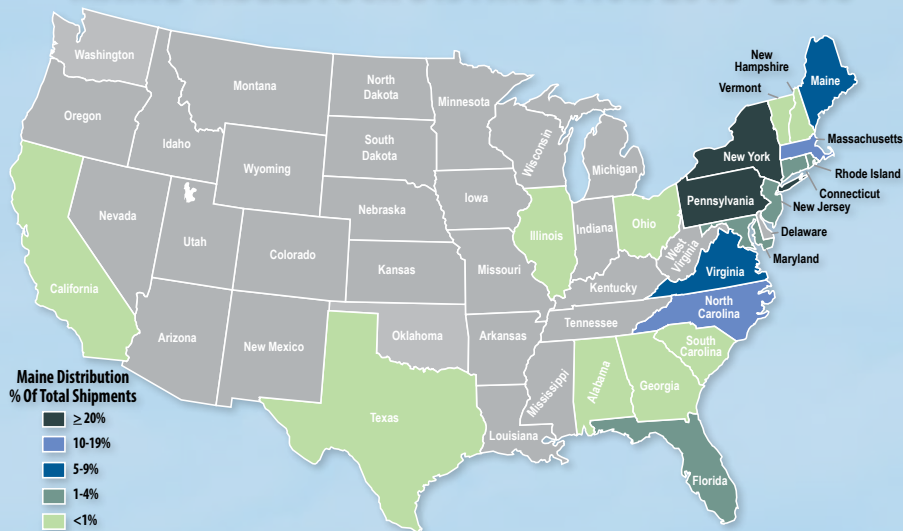


Source: Market News Service

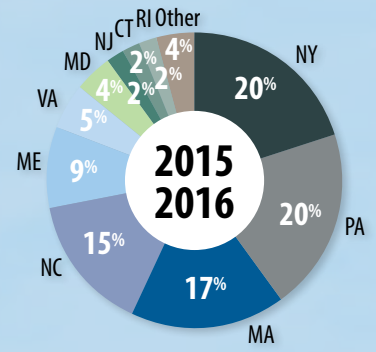




## MAINE TABLESTOCK DISTRIBUTION 2015 - 2016



## TABLESTOCK SHIPMENTS

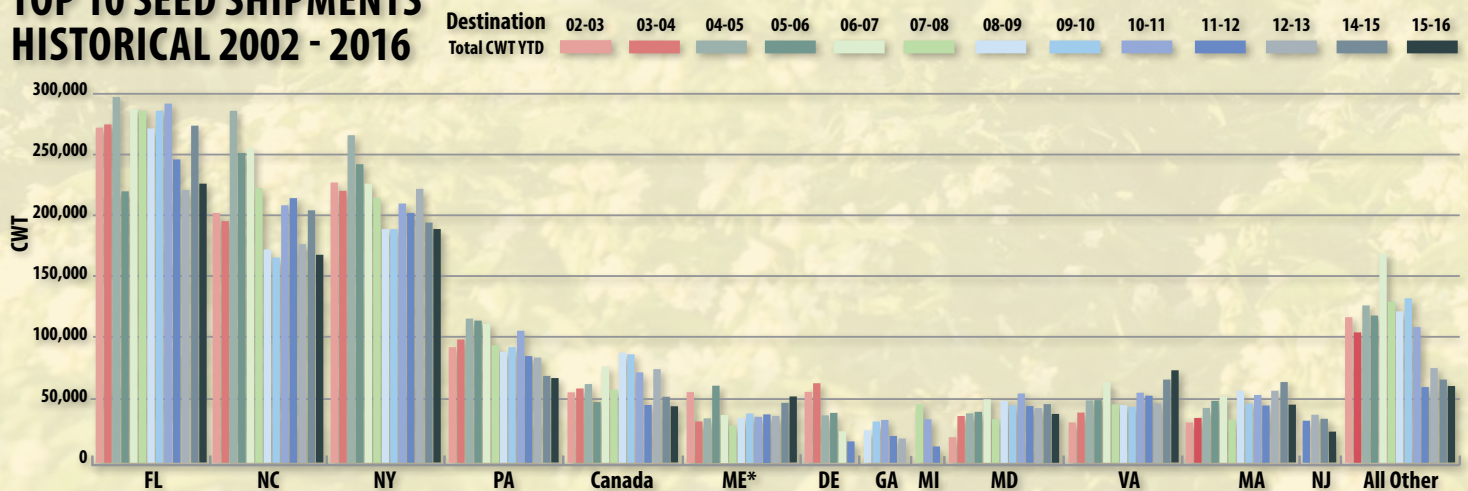






## MAINE POTATO DISTRIBUTION: SEED

### TOP 10 SEED SHIPMENTS HISTORICAL 2002 - 2016



*\*In-state inspected shipments only. Source: Market News Service*

### SEED POTATO DISTRIBUTION

From November to May 2015-2016, approximately 59% of Maine's total 988,218 hundredweight of seed were shipped to Florida, New York and North Carolina.





**Maine Distribution  
% Of Total Shipments**

- > 20%
- 10-19%
- 5-9%
- 1-4%
- <1%

7

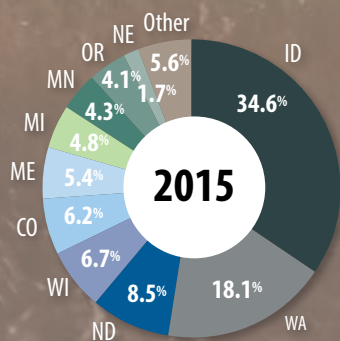
State/Region	Percentage
FL	23%
NJ	7%
MD	2%
Canada	4%
MA	4%
ME	5%
PA	7%
VA	7%
NC	17%
NY	19%

Source: Market News Service



# REGIONAL: NATIONAL POTATO PRODUCTION

## FALL POTATO PRODUCTION BY PERCENTAGE & STATE



Source: NASS/USDA

## 2015 PRODUCTION BY FALL STATE

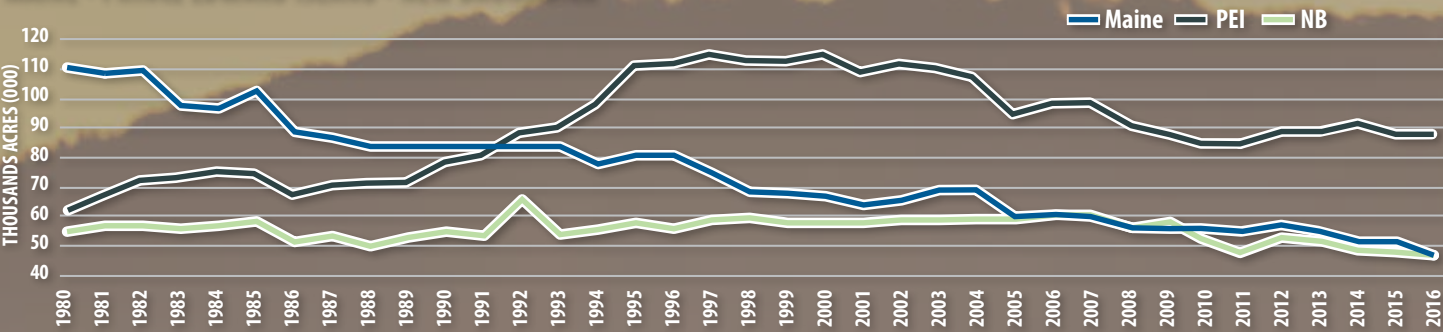
#	State	% Of Total Acres	Harvested Acres	Avg. Yield CWT	Production
1.	Idaho	34.6%	324,000	402	130,248,000
2.	Washington	18.1%	170,000	590	100,300,000
3.	North Dakota	8.5%	80,000	285	22,800,000
4.	Wisconsin	6.7%	62,500	440	27,500,000
5.	Colorado	6.2%	58,000	394	22,852,000
6.	Maine	5.4%	50,500	320	16,160,000
7.	Michigan	4.8%	45,000	390	17,550,000
8.	Minnesota	4.3%	40,500	400	16,200,000
9.	Oregon	4.1%	38,900	560	21,784,000
10.	Nebraska	1.7%	15,800	435	6,873,000
11.	New York	1.6%	14,600	285	4,161,000
12.	Montana	1.2%	10,900	320	3,488,000
13.	California	0.9%	8,000	465	3,720,000
14.	Pennsylvania	0.6%	5,300	280	1,484,000
15.	Massachusetts	0.4%	3,600	300	1,080,000
16.	Ohio	0.2%	1,500	230	345,000

Source: NASS



# REGIONAL PRODUCTION 1980 - 2016

MAINE • PRINCE EDWARD ISLAND • NEW BRUNSWICK







*Board members standing from left: Dan Blackstone, Bart Bradbury, Adam Paradis, Scott Ayotte, Seth Bradstreet II  
Seated from left: Nick McCrum, Kramer Bell, Keith LaBrie, Brent Buck, Gregg Garrison Absent: Greg McCrum*

## MAINE POTATO BOARD

### MISSION STATEMENT

The mission of the Maine Potato Board is to provide a competitive environment for our growers, processors, and dealers creating both stability and the infrastructure for future growth, while promoting the economic importance to the state and quality of the product.

### STAFF

Donald E. Flannery ..... Executive Director  
Timothy P. Hobbs.. Director of Development/Grower Relations  
Jeannie Tapley ..... Office Manager  
George McLaughlin ..... Agricultural Engineer  
Jacob Dyer ..... Agronomist  
Andrew Plant ..... Plant Pathologist  
Jaylee Fox ..... Pathology Lab Technician

### SEED FARM STAFF

Kimberly Flewelling ..... Greenhouse/Laboratory Manager  
Tammy Donovan ..... Greenhouse/Laboratory Assistant  
Kendall McHatten..... Farm Manager  
Donald Flewelling ..... Agriculture Worker  
Ken Robinson..... Agriculture Worker

### BOARD MEMBERS & OFFICERS

Keith LaBrie, *President* ..... St. Agatha  
Nick McCrum, *Vice President* ..... Mars Hill  
Brent Buck, *Treasurer* ..... Mapleton  
Kramer Bell, *Secretary*..... Mars Hill  
Bart Bradbury ..... Bridgewater  
Seth Bradstreet II ..... Newport  
Gregg Garrison ..... Blaine  
Greg McCrum..... Mars Hill  
Adam Paradis ..... Frenchville  
Scott Ayotte ..... Hamlin  
Dan Blackstone..... Caribou



**Maine Potato Board**

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