

2023

Variety Review



Early Class

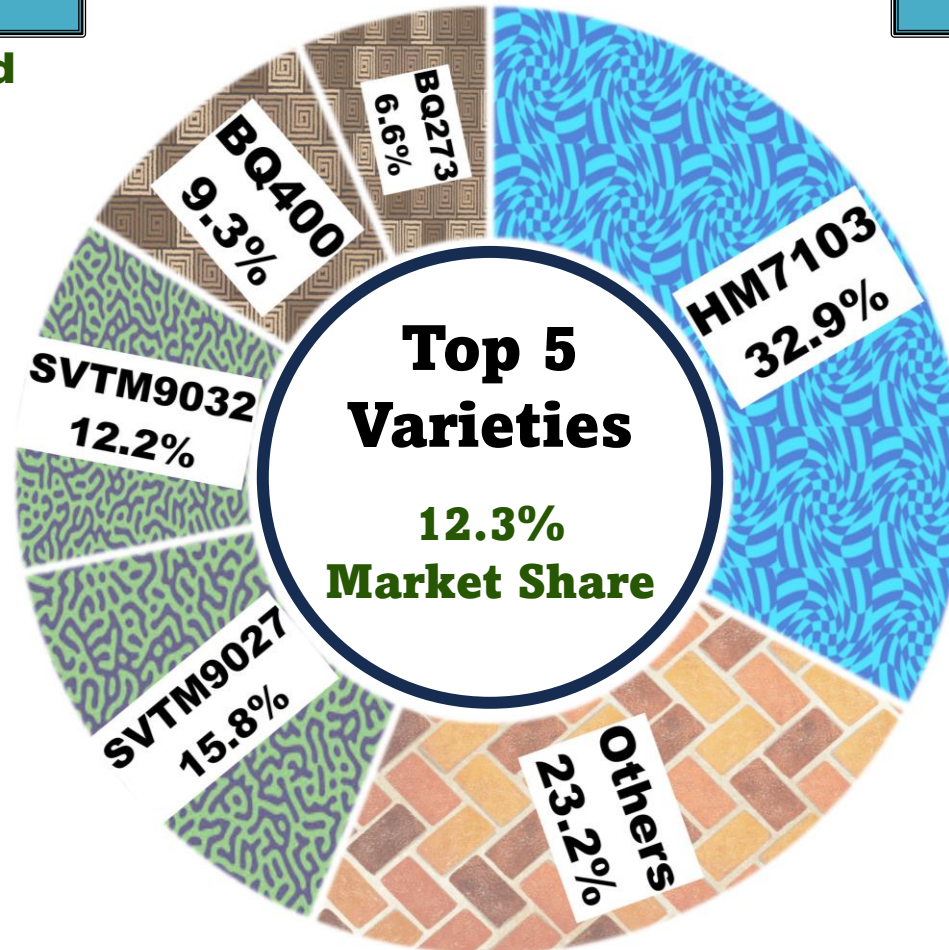
PTAB Loads: 63,444

Loads Increased
11.7%
Vs. 2022

Final PTAB Report

117 Days or Less

Solids Decreased
0.17
Vs. 2022

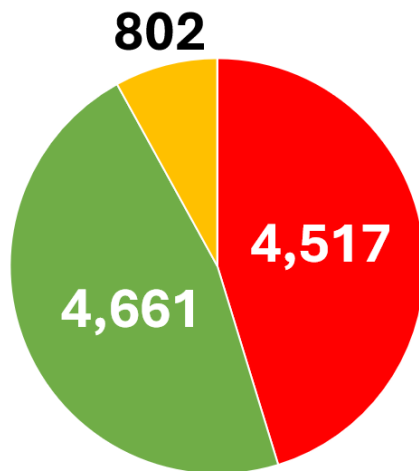




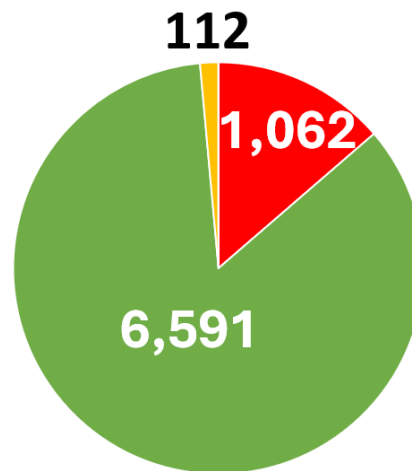
Peel Study vs HM5522



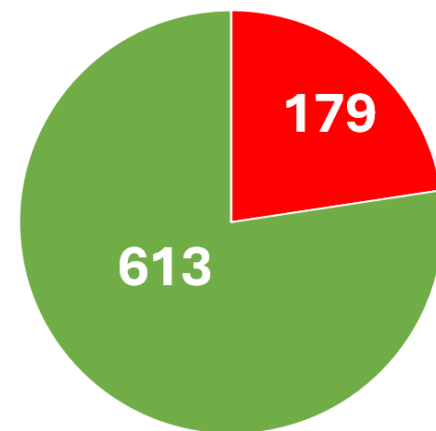
2023 Lab				31 Locations	
Variety	FW	Brix	PPB	Ost	Color
SVTM9027	86	5.68	4.99	356	2.22
SVTM9032	82	5.66	4.86	314	2.17
SVTM9034	86	5.76	5.30	333	2.24
HM7103	73	5.48	5.28	258	2.23



SVTM9027



SVTM9032



SVTM9034

Loads by Month, Final PTAB Report

■ July
 ■ August
 ■ September/October

HM7103



Commercial



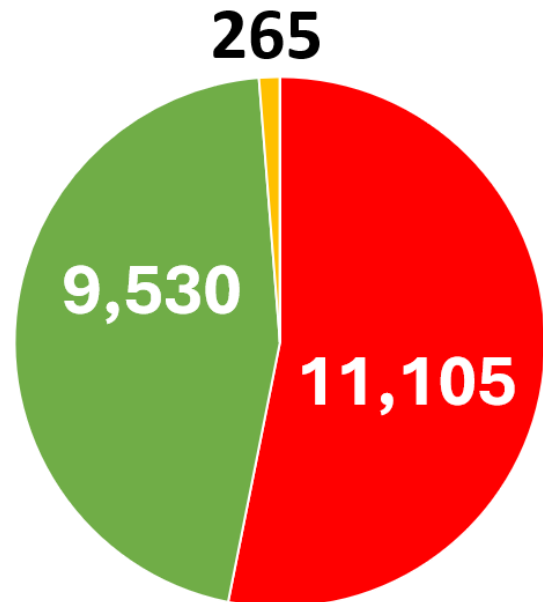
2023 Lab 31 Locations

Variety	FW	Brix	PPB	Ost	Color
HM7103	73	5.48	5.28	258	2.23
SVTM9027	86	5.68	4.99	356	2.22



Peel Study vs HM5522

- 18% more peel
- 18% less recovery



Loads by Month, Final PTAB Report

■ July

■ August




■ September





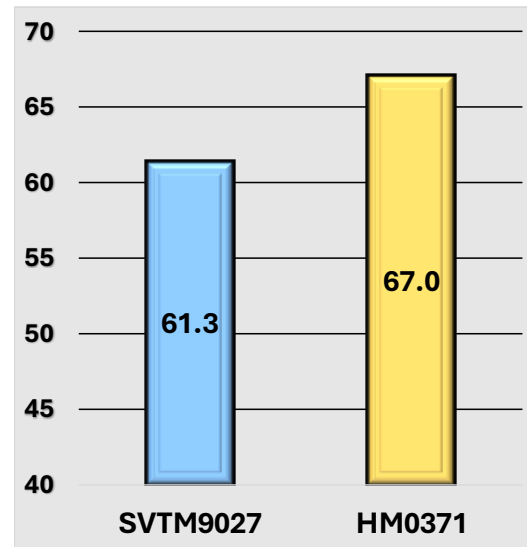
Semi-Commercial



2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
 HM0371	81	5.55	4.13	295	2.34
 HM7103	73	5.48	5.28	258	2.23
SVTM9027	86	5.68	4.99	356	2.22


Peel Study vs HM5522

- 119% more peel
- 8% more recovery



Yield (Tons per Acre), 12 locations, 2022-2023

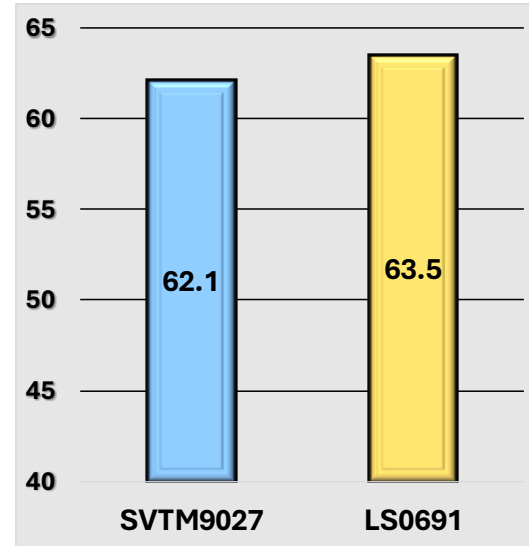


2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
LS0691	67	5.12	3.36	368	2.27
HM7103	73	5.48	5.28	258	2.23
SVTM9027	86	5.68	4.99	356	2.22



Peel Study vs HM5522

- 9% less peel
- 19% less recovery



Yield (Tons per Acre), 13 locations, 2022-2023

Peel/Dice Study

Early Class

Supplier	Variety	Peel Retention		Dice Recovery	
		Grade	Rank	Grade	Rank
Seminis	SVTM9033	Undesirable	8	Desirable	1
BHN	BP116	Undesirable	10	Desirable	2
Seminis	SVTM9027	Desirable	4	Desirable	3
Harris Moran	HMC0371	Undesirable	9	Average	4
Seminis	SVTM9034	Average	6	Average	5
Seminis	SVTM9039	Undesirable	12	Average	6
Harris Moran	HM5522	Desirable	2	Average	7
BHN	BQ400	Average	5	Average	8
Seminis	SVTM9032	Average	7	Average	9
Harris Moran	HM7103	Desirable	3	Undesirable	10
Lark Seeds	LS0691	Desirable	1	Undesirable	11
BHN	BP115	Undesirable	11	Undesirable	12

Ranks are out of 12 early varieties, 1 is the highest rank

2024 Seed Supply

Early Class

Variety	Supply
BP13	Plenty
HM0371	Blocks Only
HM7103	1.25 X Last Year
H1015	Plenty
N6416	May Be Limited
BQ403	Plenty

Variety	Supply
SVTM9027	Plenty
SVTM9032	Plenty
SVTM9033	Plenty
BQ273	Plenty
BQ400	Plenty
SVTM9034	Plenty

Thin Class

PTAB Loads: 41,842

Final PTAB Report

PPB \geq 4.60

**Loads Decreased
17.3%
Vs. 2022**


**Solids Decreased
0.15
Vs. 2022**





Commercial

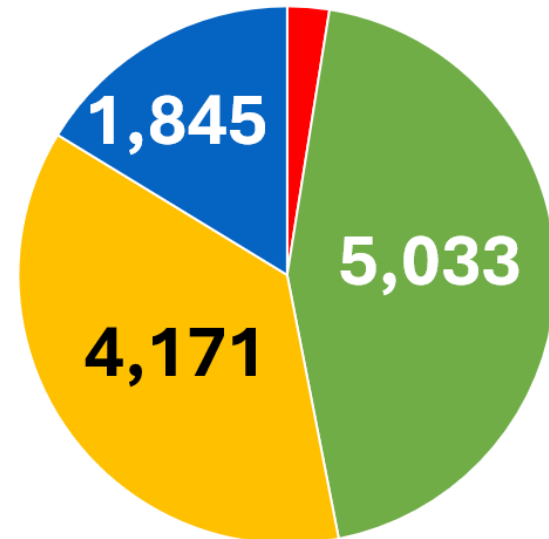


2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
SVTM9019	84	5.59	4.66	287	2.09
HM5522	76	5.76	4.35	355	2.27
HM8268	81	5.53	4.04	357	2.28

286

Peel Study vs HM5522

- 27% more peel
- 9% less recovery




Loads by Month, Final PTAB Report

■ July
 ■ August
 ■ September
 ■ October

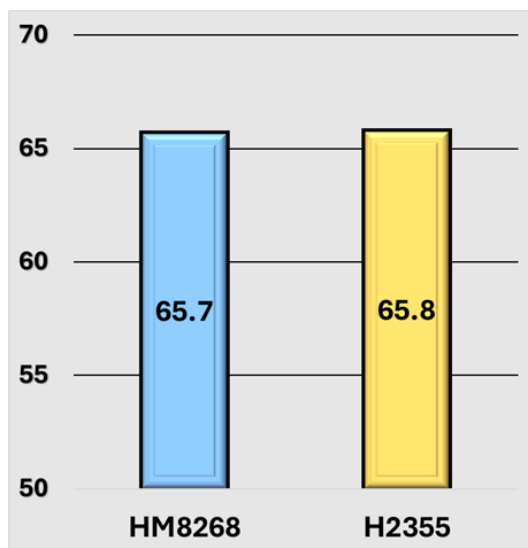




2023  Lab		23 Locations			
Variety	FW	Brix	PPB	Ost	Color
H2355	82	5.65	4.82	260	2.26
HM5522	76	5.76	4.35	355	2.27
HM8268	81	5.53	4.04	357	2.28

Peel Study vs HM5522

- 21% more peel
- 1% less recovery



Yield (Tons per Acre), 10 locations, 2022-2023

Peel/Dice Study

Thin Class

Supplier	Variety	Peel Retention		Dice Recovery	
		Grade	Rank	Grade	Rank
Nunhems	N6474	Undesirable	31	Average	23
BHN	BP74	Desirable	10	Average	24
Seminis	DRI319	Desirable	1	Undesirable	29
Heinz	H2355	Average	20	Undesirable	36
Seminis	SVTM9019	Average	23	Undesirable	37

Ranks are out of 37 main season varieties, 1 is the highest rank

2024 Seed Supply

Thin Class

Variety	Supply
BP43	Plenty
BP74	Plenty
HM5511	Plenty
H2355	100 units
N6366	May Be Limited
N6402	Plenty

Variety	Supply
N6474	Plenty
DRI319	Plenty
SVTM1082	Plenty
SVTM9011	Not Available
SVTM9012	Plenty
SVTM9019	1.5 X Last Year

Intermediate Class

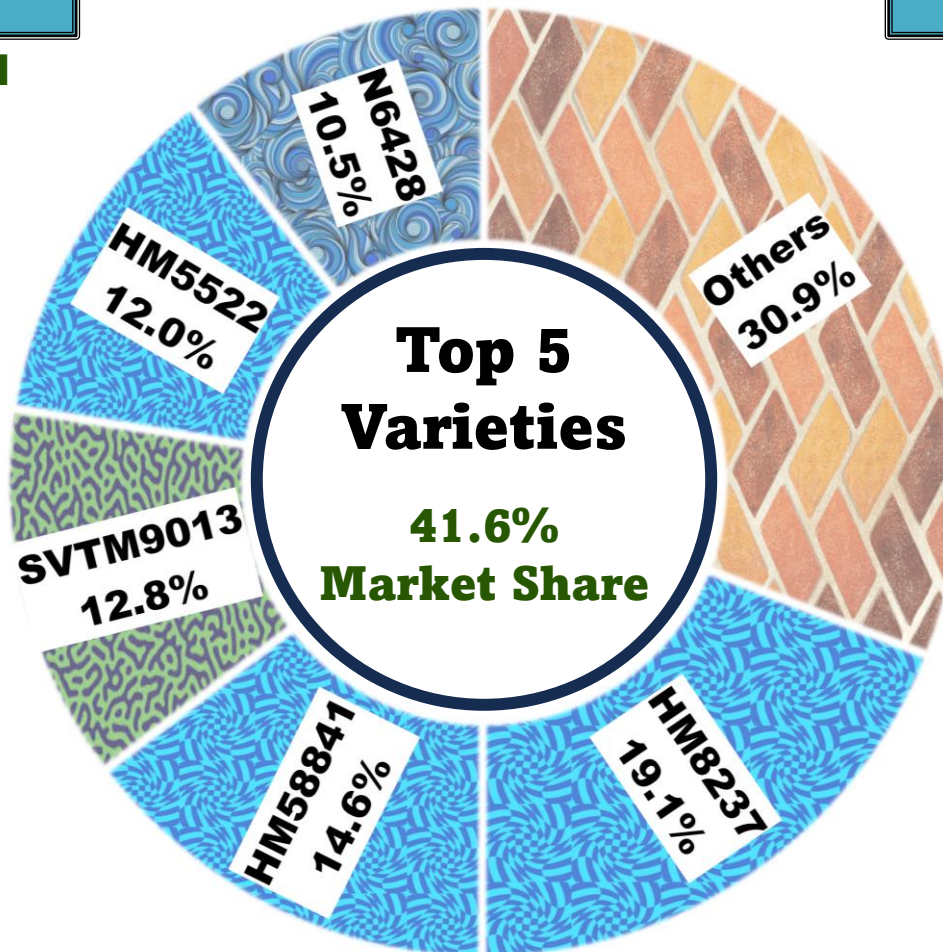
PTAB Loads: 214,410

Final PTAB Report

2.91 ≤ PPB ≤ 4.59

Loads Increased
31.6%
Vs. 2022


Solids Decreased
0.04
Vs. 2022





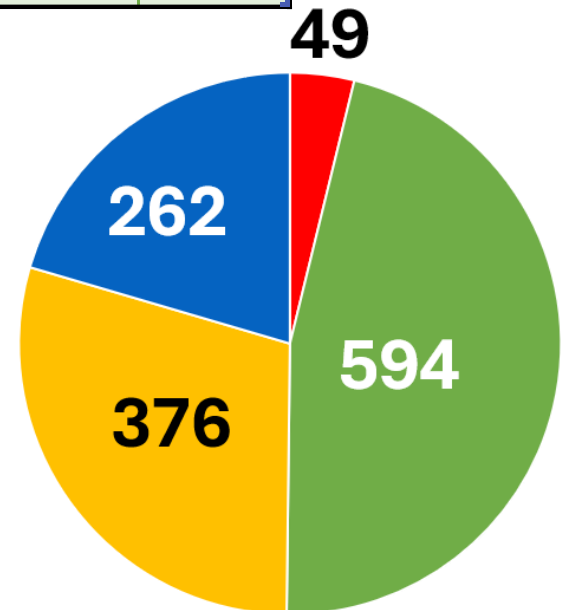
Commercial



2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
SVTM9036	86	5.30	3.41	433	2.21
HM5522	76	5.76	4.35	355	2.27
HM8268	81	5.53	4.04	357	2.28

Peel Study vs HM5522

- 2% more peel
- 15% more recovery



Loads by Month, Final PTAB Report

■ July
 ■ August
 ■ September
 ■ October





Commercial

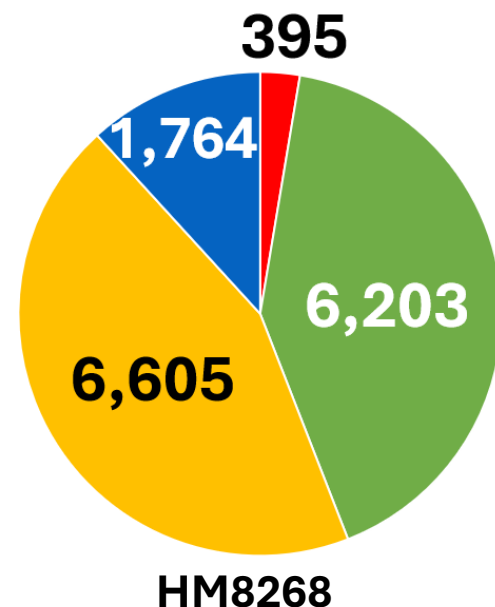
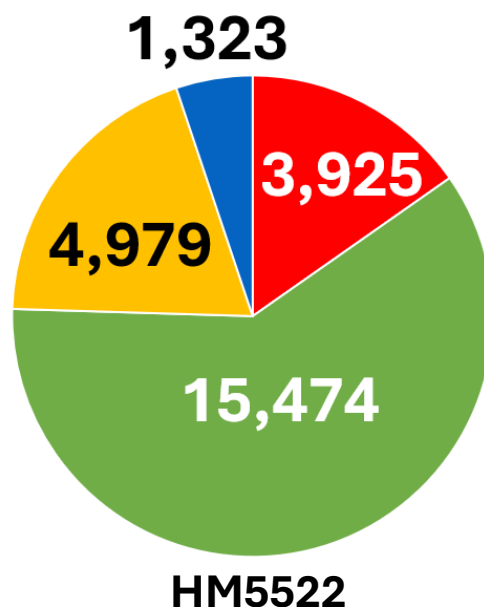


2023 Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
HM5522	76	5.76	4.35	355	2.27
HM8268	81	5.53	4.04	357	2.28

Peel Study vs HM5522

HM8268

- 0.2% more peel
- <0.1% more recovery



Loads by Month, Final PTAB Report

■ July
 ■ August
 ■ September
 ■ October

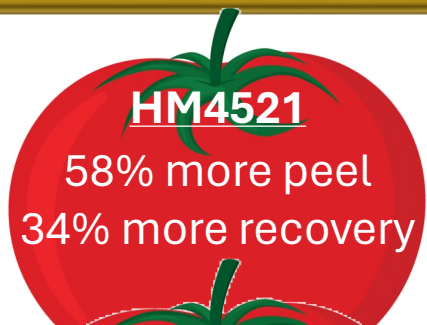




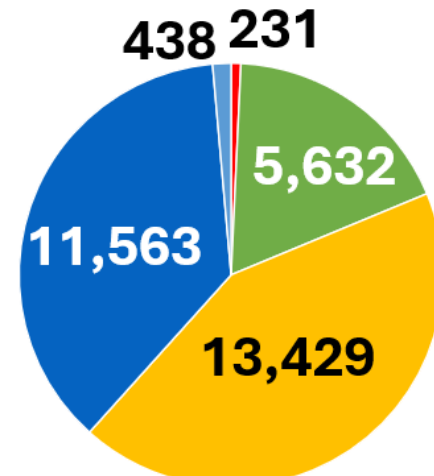
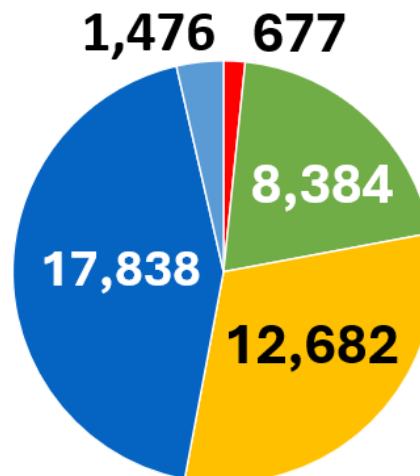
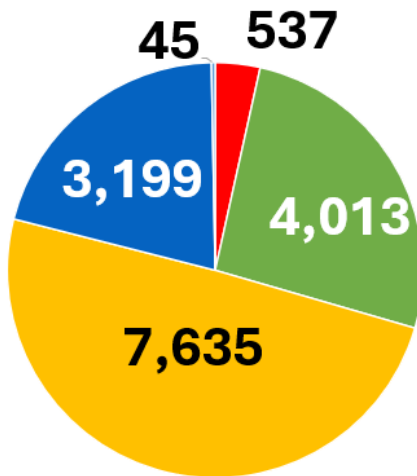
Commercial



Peel Study vs HM5522



2023 Lab				31 Locations	
Variety	FW	Brix	PPB	Ost	Color
HM4521	81	5.44	3.57	348	2.14
HM8237	83	5.37	3.67	300	2.19
HM58841	79	5.61	3.30	425	2.15
HM5522	76	5.76	4.35	355	2.27



HM4521

HM8237


HM58841

Loads by Month, Final PTAB Report

■ July
 ■ August
 ■ September
 ■ October
 ■ November

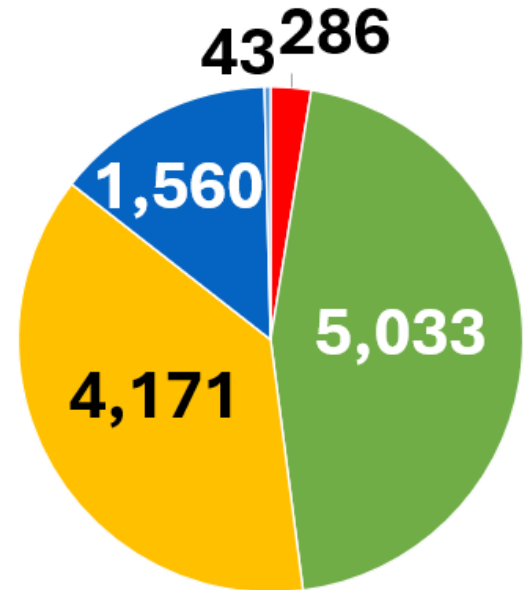




2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
H2012	73	5.38	3.29	458	2.17
HM5522	76	5.76	4.35	355	2.27
HM8268	81	5.53	4.04	357	2.28

Peel Study vs HM5522


- 1% more peel
- 3% less recovery



Loads by Month, Final PTAB Report

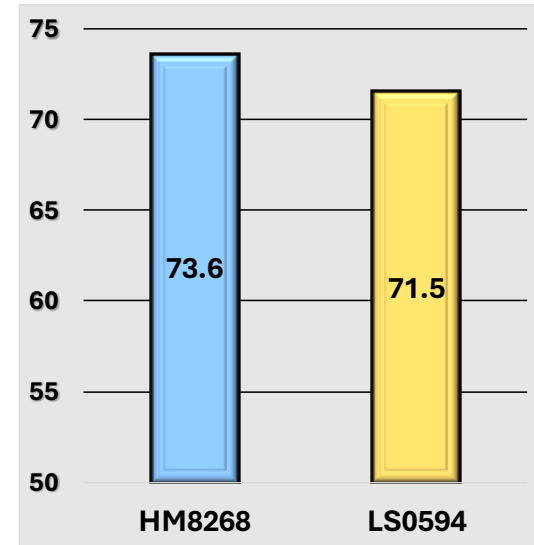
■ July
 ■ August
 ■ September
 ■ October
 ■ November



2023  Lab		23 Locations			
Variety	FW	Brix	PPB	Ost	Color
LS0594	77	5.74	4.62	374	2.21
HM5522	76	5.76	4.35	355	2.27
HM8268	81	5.53	4.04	357	2.28

Peel Study vs HM5522

- 88% more peel
- 9% more recovery



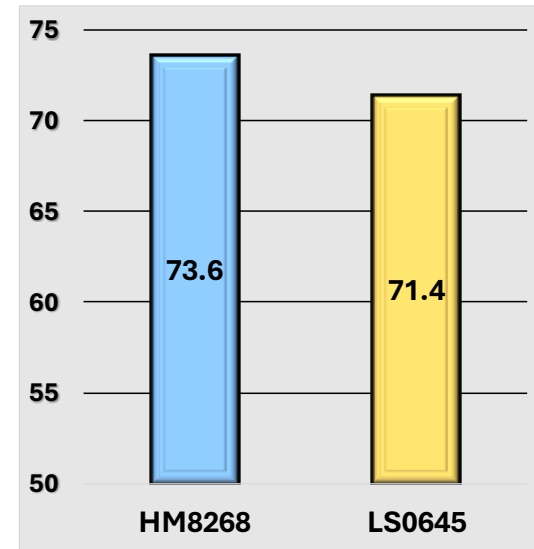
Yield (Tons per Acre), 7 locations, 2023



2023 Lab		23 Locations			
Variety	FW	Brix	PPB	Ost	Color
LS0645	78	5.56	4.53	326	2.25
HM5522	76	5.76	4.35	355	2.27
HM8268	81	5.53	4.04	357	2.28

Peel Study vs HM5522

- 1% less peel
- 6% more recovery



Yield (Tons per Acre), 7 locations, 2023

Peel/Dice Study

Intermediate Class

Supplier	Variety	Peel Retention		Dice Recovery	
		Grade	Rank	Grade	Rank
Harris Moran	HM4521	Undesirable	37	Desirable	3
Harris Moran	HM8237	Average	18	Desirable	8
Nunhems	N6428	Undesirable	27	Desirable	9
Seminis	SVTM9013	Average	14	Desirable	13
Harris Moran	HM58841	Average	22	Desirable	14
Lark Seeds	LS0594	Undesirable	40	Average	16
Nunhems	N6489	Average	21	Average	17
Nunhems	N6473	Undesirable	29	Average	25
Lark Seeds	LS0645	Desirable	5	Average	26
Harris Moran	HM5522	Desirable	7	Undesirable	30
Harris Moran	HM8268	Desirable	8	Undesirable	31
Seminis	SVTM9040	Desirable	3	Undesirable	32
Heinz	H2012	Desirable	11	Undesirable	34
Heinz	H2354	Desirable	6	Undesirable	35
Heinz	H2010	Undesirable	26	Undesirable	38

Ranks are out of 37 main season varieties, 1 is the highest rank

Intermediate Class

Variety	Supply
HM3887	May Be Limited
HM4521	1.25 X Last Year
HM5235	Plenty
HM5522	1.25 X Last Year
HM58841	1.25 X Last Year
HM8237	Same as Last Year
HM8268	1.25 X Last Year
UG29814	Plenty
H2010	0.75 X Last Year

Variety	Supply
H2012	1.5 X Last Year
N6428	Plenty
N6434	May Be Limited
N6473	Plenty
SV8011TM	Plenty
SVTM9013	40% Of Last Year
SVTM9014	Not Available
SVTM9021	Same as Last Year
SVTM9036	225 units - Late?

Thick Class

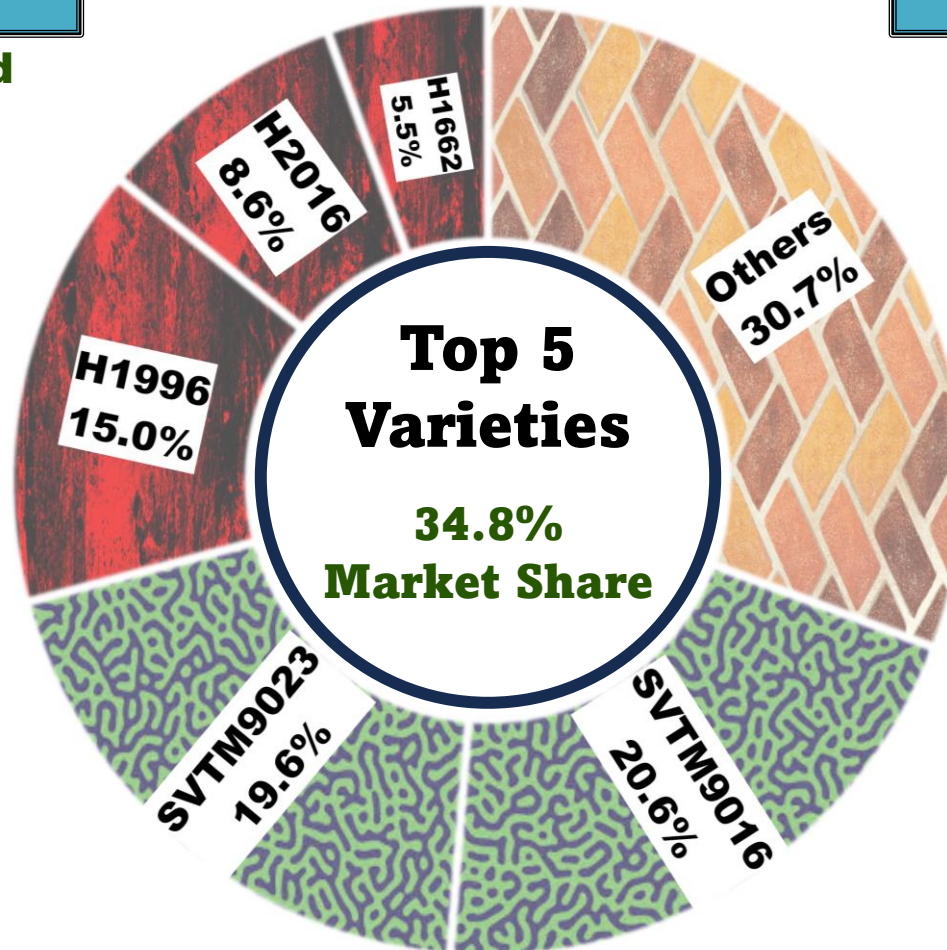
PTAB Loads: 178,953

Final PTAB Report

PPB ≤ 2.90

**Loads Increased
37.9%
Vs. 2022**


**Solids Decreased
0.03
Vs. 2022**

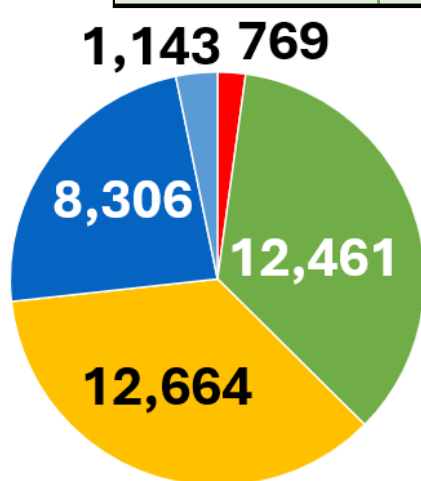




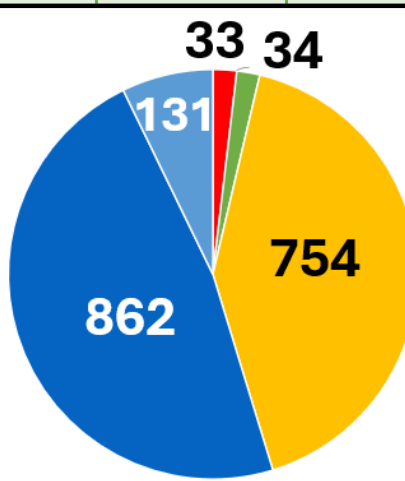
Commercial



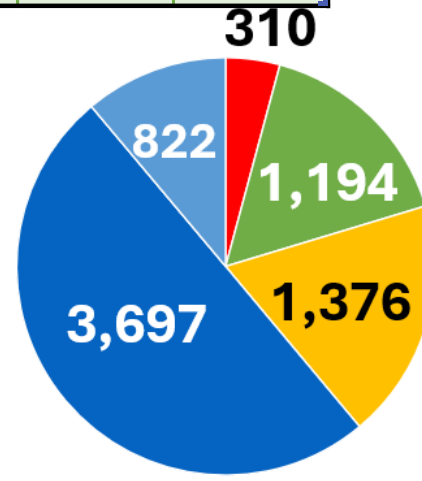
2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
SVTM9023	78	5.29	2.62	523	2.13
SVTM9024	81	5.37	2.73	552	2.19
SVTM9025	79	5.34	2.82	531	2.16
SVTM9016	83	5.14	2.73	462	2.09
H1996	71	5.11	2.26	510	2.27



SVTM9023



SVTM9024




SVTM9025

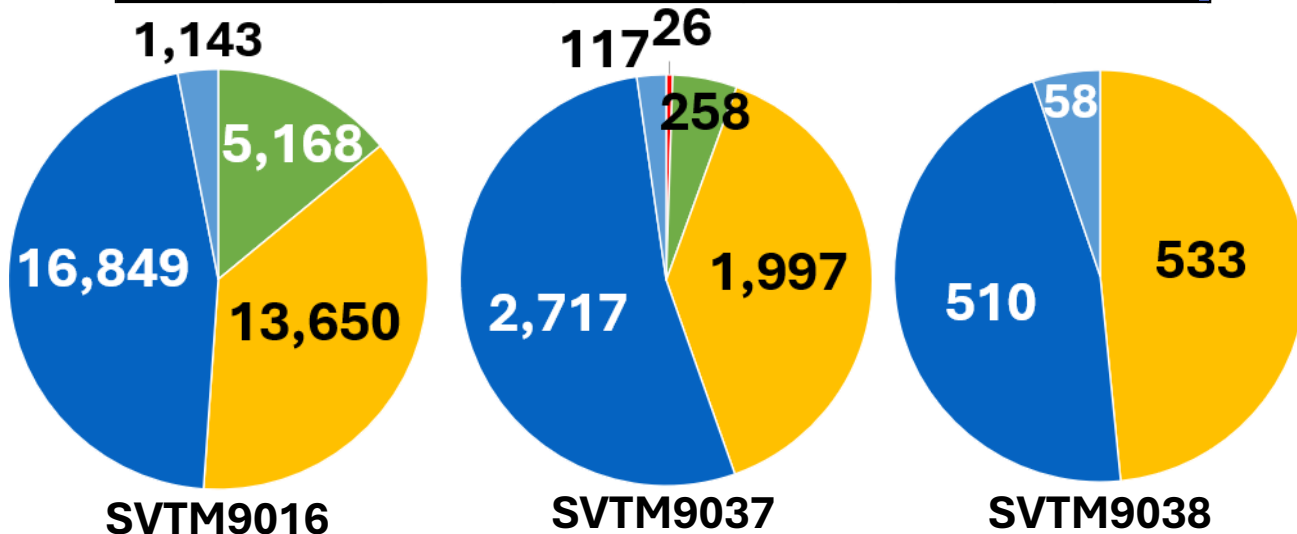
Loads by Month, Final PTAB Report

■ July
 ■ August
 ■ September
 ■ October
 ■ November





2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
SVTM9016	83	5.14	2.73	462	2.09
SVTM9037	78	5.22	2.16	729	2.09
SVTM9038	64	4.90	1.59	768	2.14
H1996	71	5.11	2.26	510	2.27

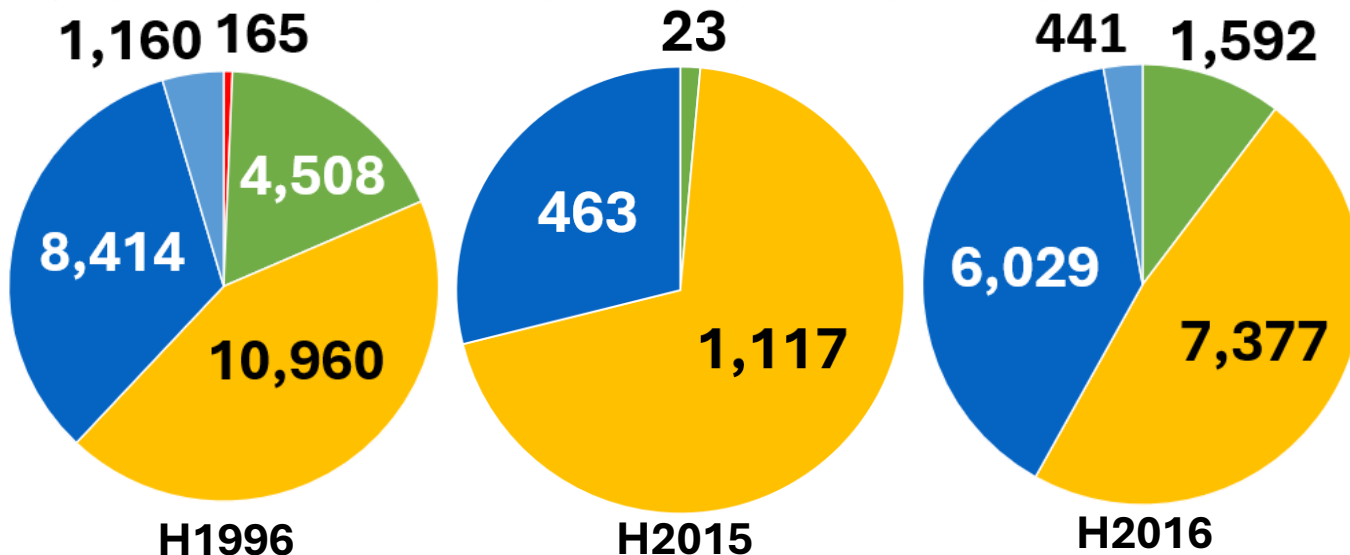


Loads by Month, Final PTAB Report

■ July
 ■ August
 ■ September
 ■ October
 ■ November

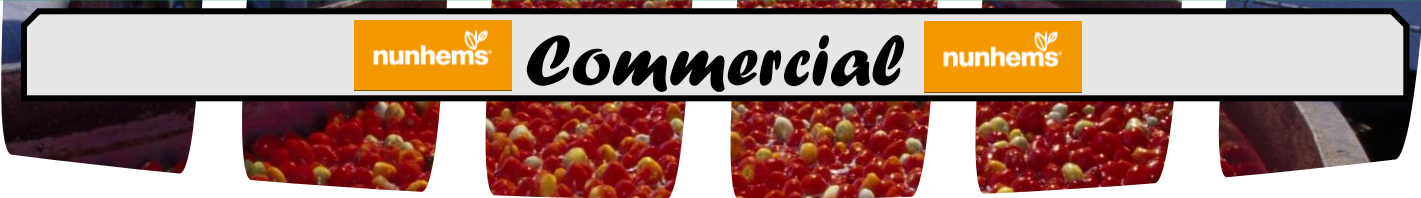



2023 Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
H1996	71	5.11	2.26	510	2.27
H2015	69	4.91	1.61	531	2.35
H2016	81	4.96	1.90	521	2.31
SVTM9016	83	5.14	2.73	462	2.09

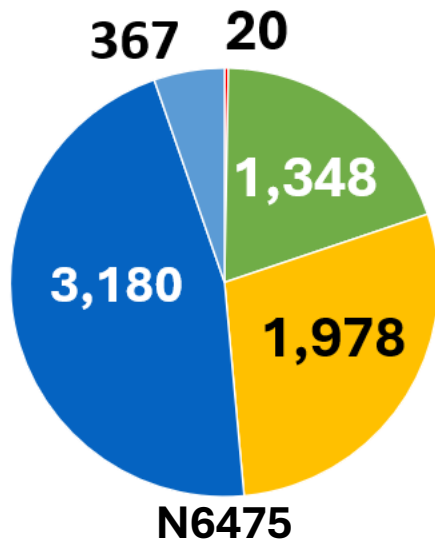


Loads by Month, Final PTAB Report

■ July
 ■ August
 ■ September
 ■ October
 ■ November




2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
N6475	74	4.82	1.84	377	2.22
SVTM9016	83	5.14	2.73	462	2.09
H1996	71	5.11	2.26	510	2.27

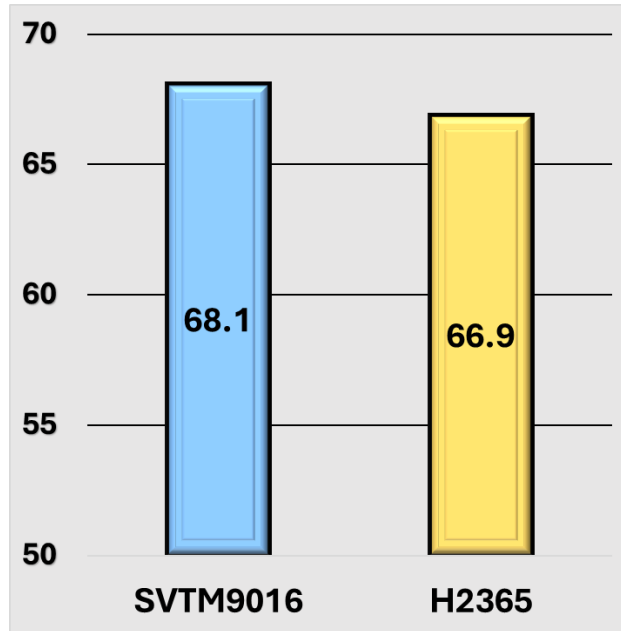


Loads by Month, Final PTAB Report

■ July
 ■ August
 ■ September
 ■ October
 ■ November





2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
H2365	65	5.03	2.07	623	2.18
SVTM9016	83	5.14	2.73	462	2.09
H1996	71	5.11	2.26	510	2.27



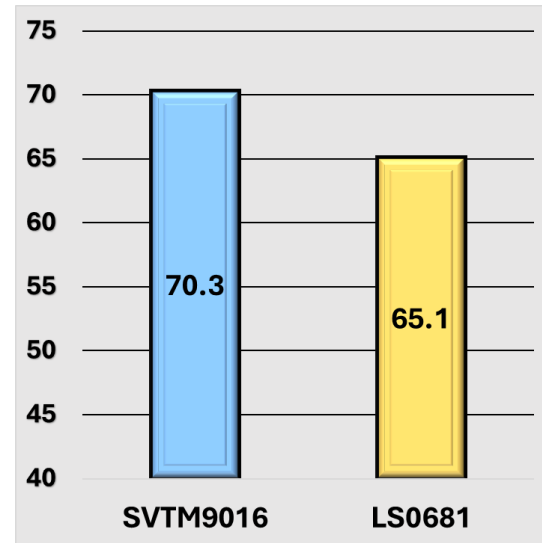
Yield (Tons per Acre), 5 locations, 2023



2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
LS0681	77	5.12	2.86	455	2.19
 SVTM9016	83	5.14	2.73	462	2.09
H1996	71	5.11	2.26	510	2.27



Peel Study vs HM5522

- 8% more peel
- 5% more recovery



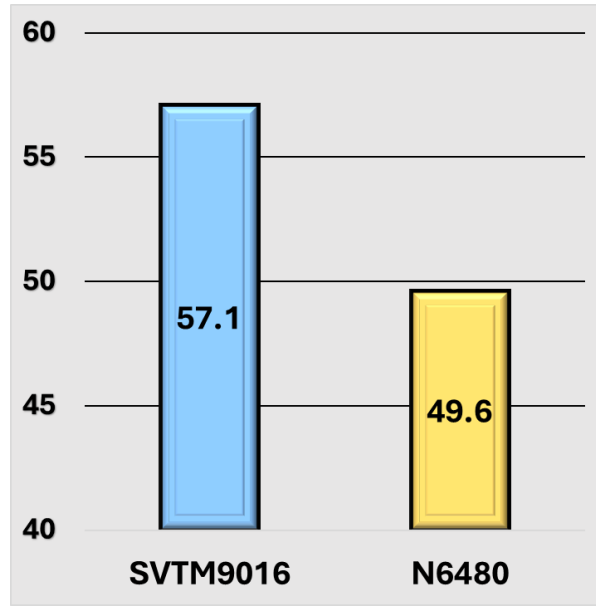
Yield (Tons per Acre), 7 locations, 2023



2023  Lab			31 Locations		
Variety	FW	Brix	PPB	Ost	Color
N6480	84	5.10	2.44	363	2.23
 SVTM9016	83	5.14	2.73	462	2.09
H1996	71	5.11	2.26	510	2.27

Peel Study vs HM5522

- 1% less peel
- 21% more recovery




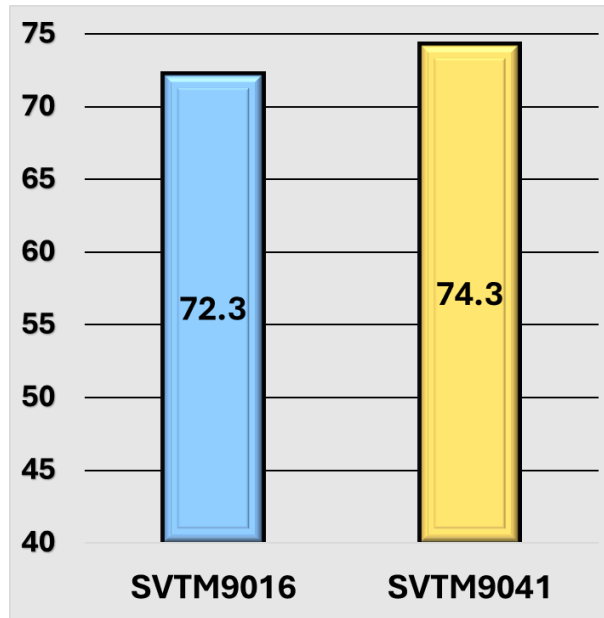
Yield (Tons per Acre), 10 locations, 2023



Semi-Commercial



2023  Lab		23 Locations			
Variety	FW	Brix	PPB	Ost	Color
SVTM9041	81	5.33	2.64	546	2.11
SVTM9016	83	5.14	2.73	462	2.09
H1996	71	5.11	2.26	510	2.27



Yield (Tons per Acre), 6 locations, 2023

Peel/Dice Study

Thick Class

Supplier	Variety	Peel Retention		Dice Recovery	
		Grade	Rank	Grade	Rank
Seminis	SVTM9016	Undesirable	33	Desirable	1
Seminis	SVTM9041	Undesirable	36	Desirable	2
Heinz	H2374	Undesirable	32	Desirable	5
Heinz	H1996	Undesirable	39	Desirable	6
Nunhems	N6480	Desirable	4	Desirable	7
Seminis	SVTM9037	Average	25	Desirable	10
Heinz	H2016	Average	19	Desirable	11
Nunhems	N6475	Undesirable	34	Desirable	12
Heinz	H2365	Average	16	Average	15
Seminis	SVTM9023	Desirable	12	Average	18
Nunhems	N6492	Desirable	2	Average	19
Heinz	H2015	Average	24	Average	20
Seminis	SVTM9025	Average	15	Average	21
Nunhems	N6493	Undesirable	35	Average	22
Seminis	SVTM9038	Undesirable	38	Average	27
Lark Seeds	LS0681	Average	17	Undesirable	28

Ranks are out of 37 main season varieties, 1 is the highest rank

2024 Seed Supply

33

Thick Class

Variety	Supply
H1991	Same as Last Year
H1996	Plenty
H2015	Plenty
H2016	3 X Last Year
H2401	Plenty
H4707	Plenty
H5508	Plenty
H5608	Same as Last Year
UG16112	Plenty

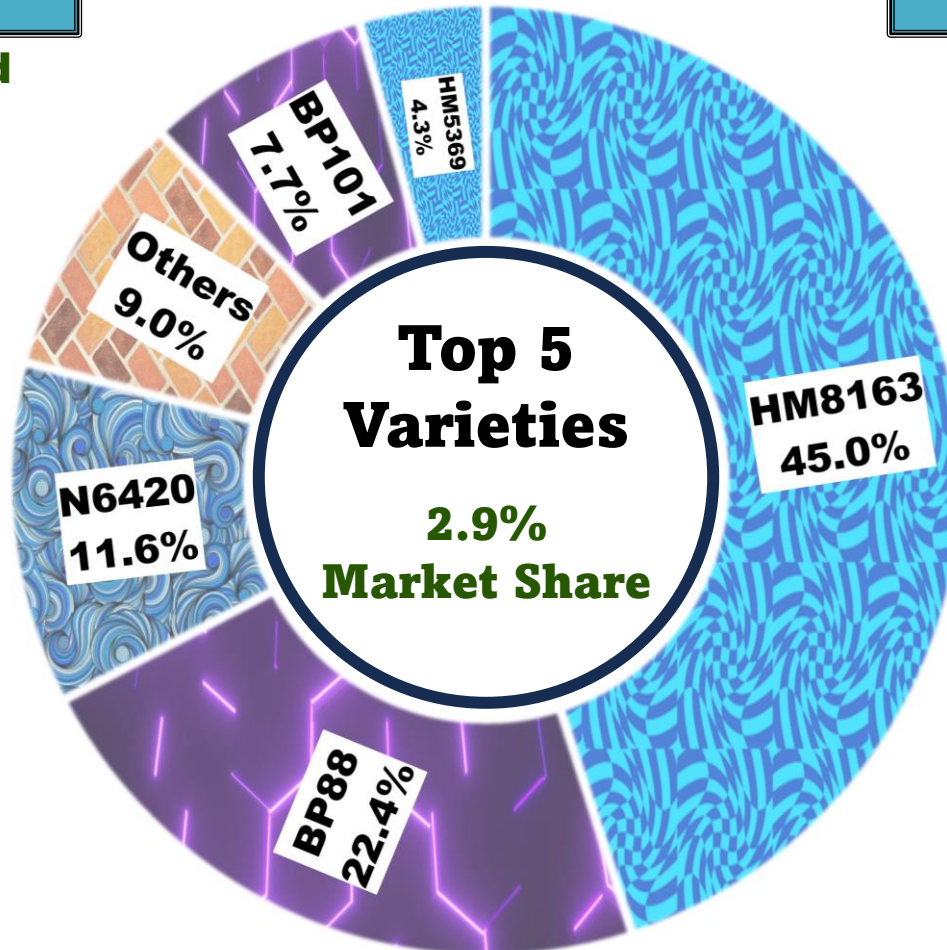
Variety	Supply
N6475	Plenty
SVTM9008	Plenty
SVTM9016	1.5 X Last Year
SVTM9023	65% of Last Year
SVTM9024	Same as Last Year
SVTM9025	75% of Last Year
SVTM9037	3 X Last Year
SVTM9038	Plenty
SVTM9041	Large Blocks

Pear Class

PTAB Loads: 14,789

**Loads Increased
19.5%
Vs. 2022**

Final PTAB Report



Pear Shape

**Solids Decreased
0.27
Vs. 2022**


HM8163

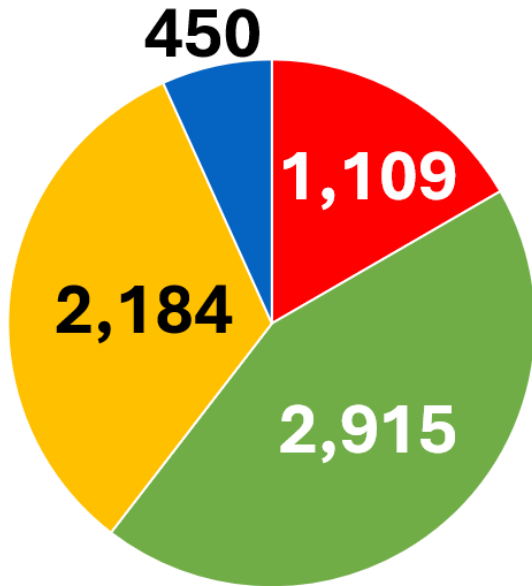
HM8507



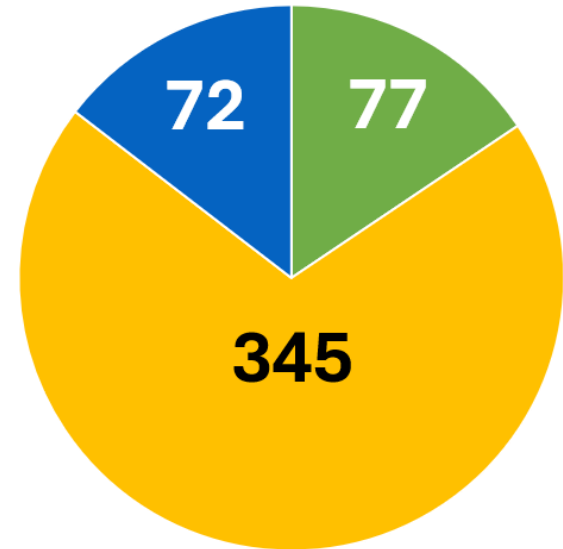
Commercial



2023  Lab				31 Locations	
Variety	FW	Brix	PPB	Ost	Color
HM8163	77	5.80	3.99	344	2.26
HM8507	76	5.74	4.55	283	2.34



HM8163



HM8507

Loads by Month, Final PTAB Report


■ July ■ August ■ September ■ October

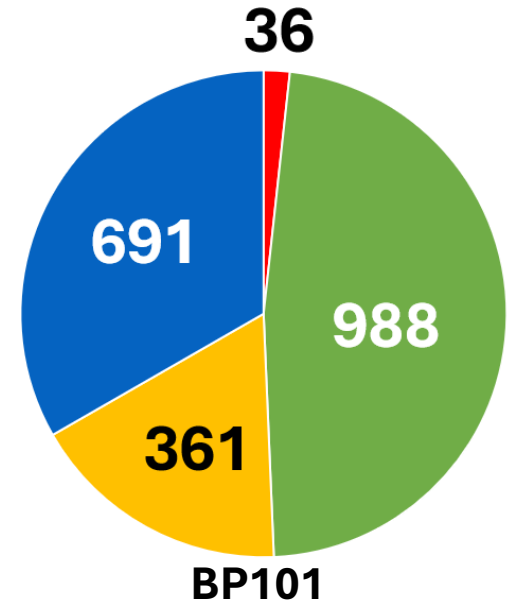
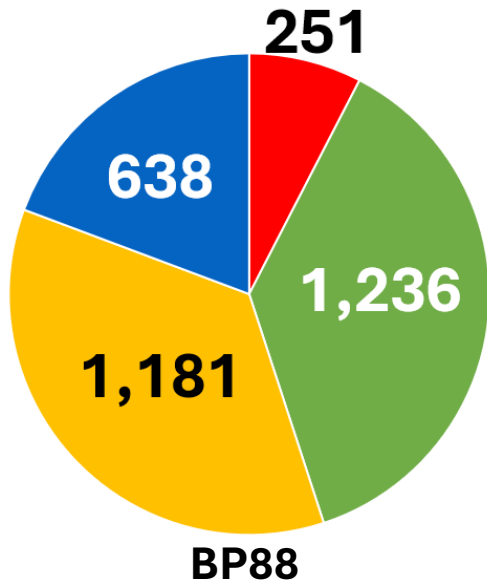




Commercial




2023  Lab		31 Locations			
Variety	FW	Brix	PPB	Ost	Color
BP88	86	5.31	4.26	244	2.27
BP101	80	4.91	3.34	257	2.24
HM8163	77	5.80	3.99	344	2.26

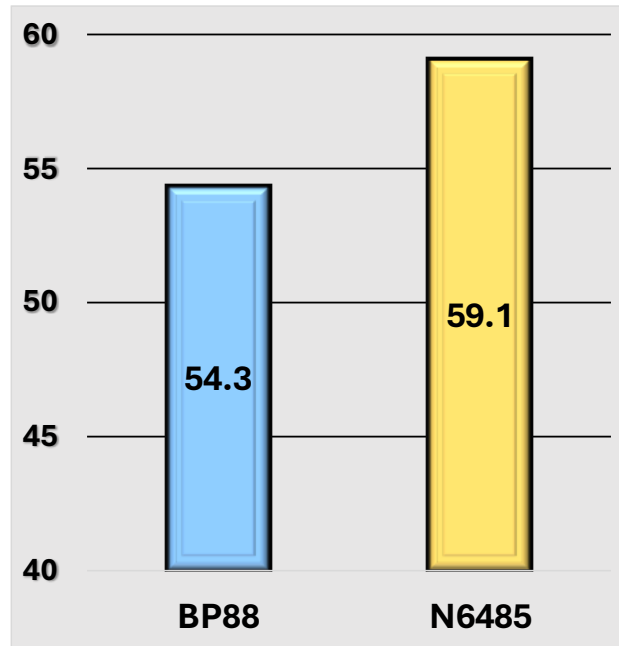


Loads by Month, Final PTAB Report

■ July ■ August ■ September ■ October



2023  Lab				23 Locations	
Variety	FW	Brix	PPB	Ost	Color
N6485	73	4.76	2.71	254	2.25
HM8163	77	5.80	3.99	344	2.26



Yield (Tons per Acre), 8 locations, 2022-2023

Pear Class

Variety	Supply
BP88	Plenty
BP101	Plenty
HM7885	Plenty
HM8163	1.1 X Last Year
N6485	Blocks

Variety	Supply
HM5369	May Be Limited
HM8507	Large Blocks
H2128	Plenty
N6420	Plenty