



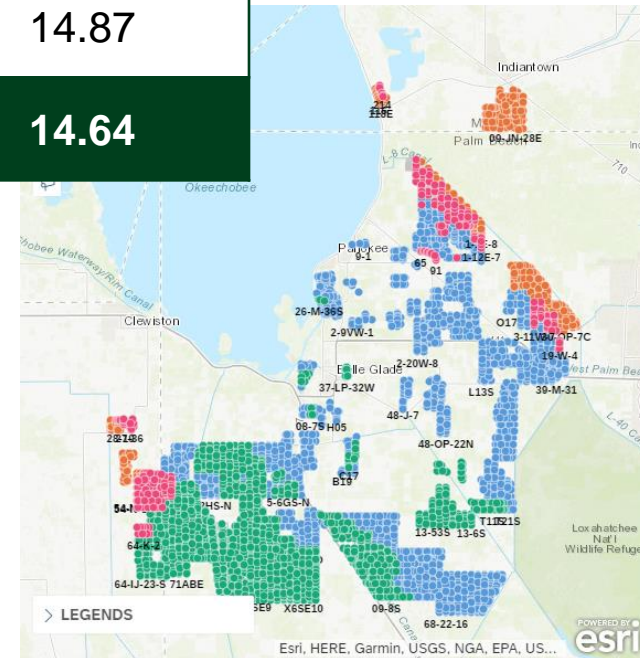
Florida Crystals Corporation

Crop 2018-19

Diego Luzuriaga
June 4, 2019

FCC Production by Soil Type

Soil Type	% Area	TCA	Sucrose (%)
Muck	47%	48.55	14.43
Shallow Muck	38%	40.10	14.78
Sand	6%	36.18	15.47
Transitional	9%	42.29	14.87
TOTAL	100%	44.06	14.64



FCC Production by Age

Cane Age	% Area	TCA 2018-19	TCA 2017-18	Sucrose (%) 2018-19	Sucrose (%) 2017-18
RPC	20%	57.70	56.16	14.71	14.59
SPC	15%	53.03	47.02	14.69	14.53
1 st Stubble	30%	37.16	38.31	14.54	14.38
2 nd Stubble	31%	36.87	37.18	14.65	14.07
3 rd + Stubble	4%	38.87	42.90	14.23	13.67
TOTAL	100%	44.06	42.28	14.64	14.33

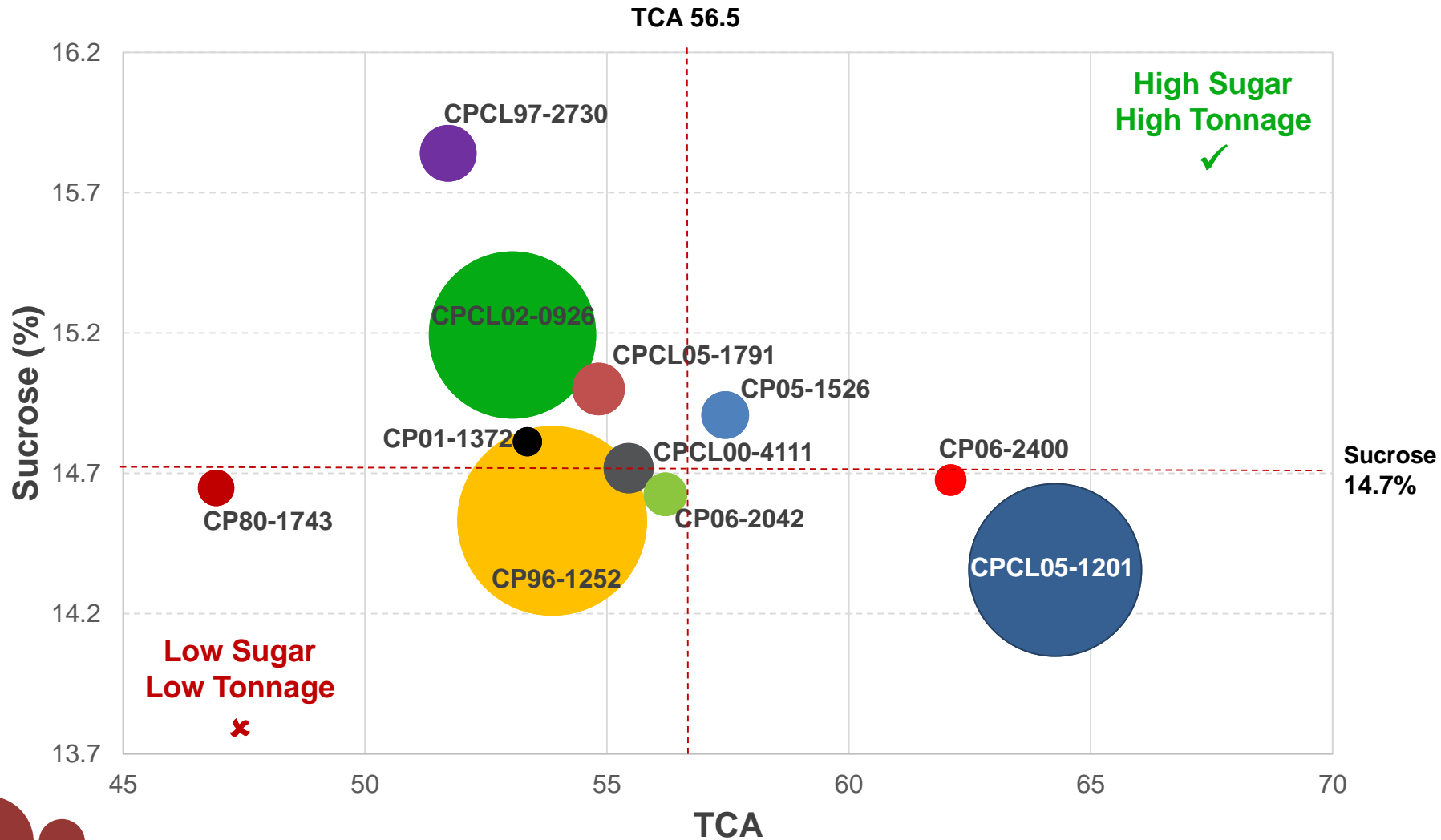
↖ +4% ↘

↖ + 2% ↘

FCC Production by Variety

Variety	% Area	TCA 2018-19	Sucrose (%)	Change vs. 2017-18
CP96-1252	29%	43.97	14.59	↑
CPCL02-0926	15%	49.06	15.01	↑
CPCL00-4111	14%	33.43	14.61	↓
CPCL05-1201	13%	59.63	14.25	↑
CP01-1372	10%	39.99	14.66	↓
CPCL97-2730	8%	37.32	15.02	↓
CPCL02-6848	2%	35.73	15.18	↓
CPCL05-1102	2%	36.68	14.49	↓
CP05-1526	2%	44.11	14.64	↑
CPCL05-1791	2%	48.03	14.65	↑
CP06-2400	1%	49.64	14.43	↑
CP80-1743	1%	44.37	14.50	↓
CP06-2042	1%	47.12	14.61	↑
CP88-1762	1%	39.23	14.26	↓
OTHERS	1%	43.97	14.34	↓
TOTAL		44.06	14.64	

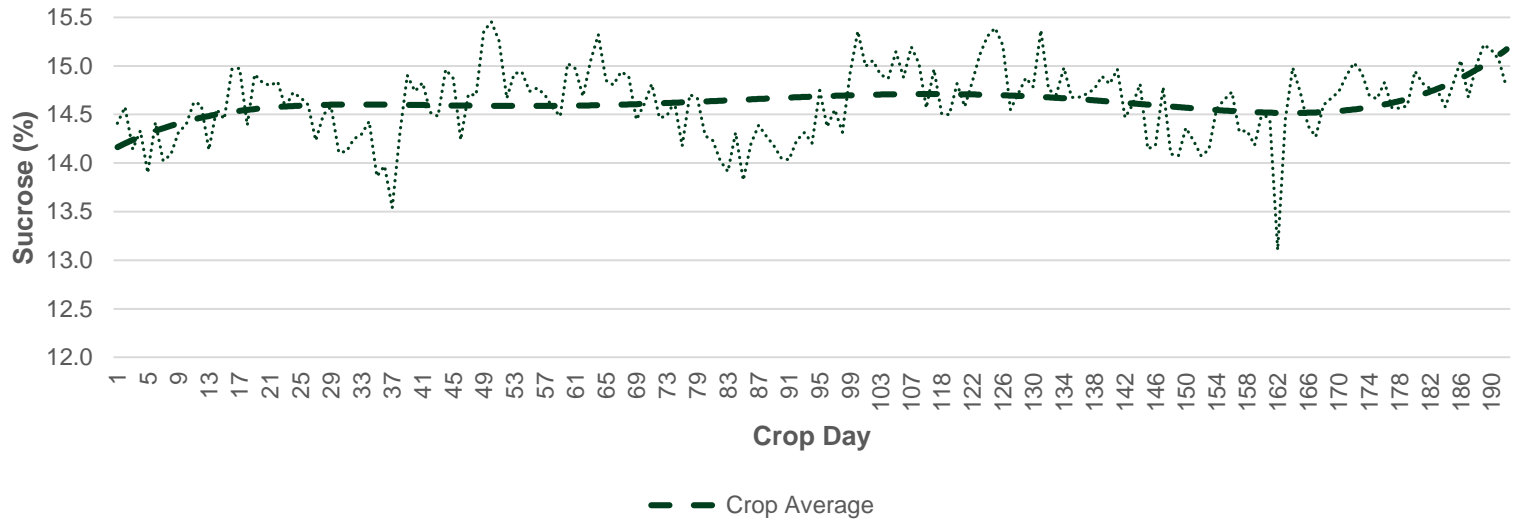
Variety Performance – Plant Cane



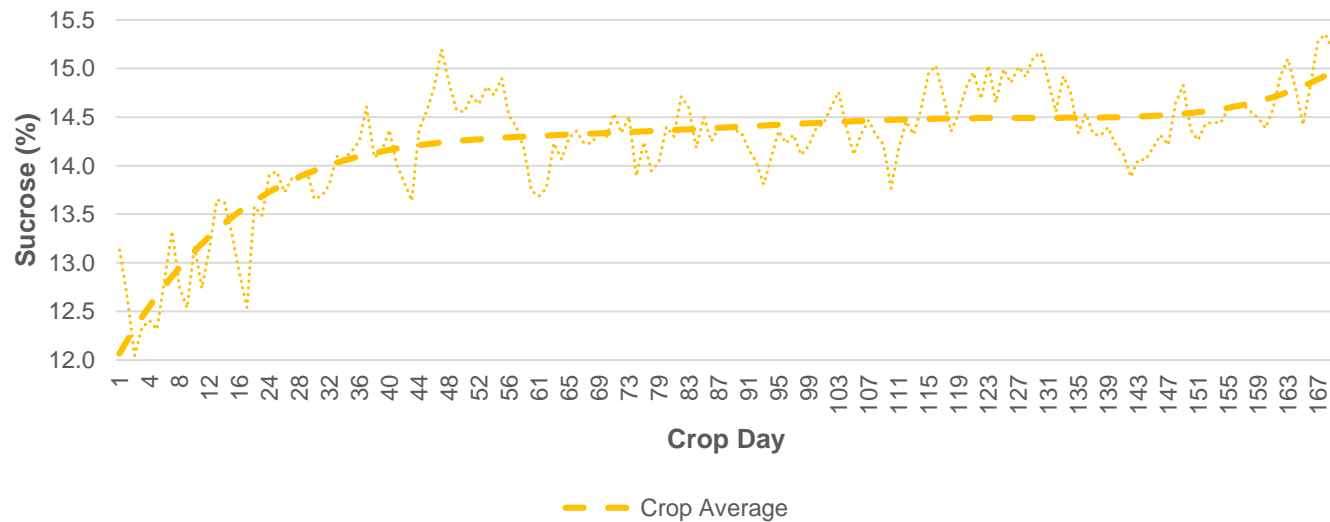
Size of the bubble represents acreage

Sucrose During the Crop

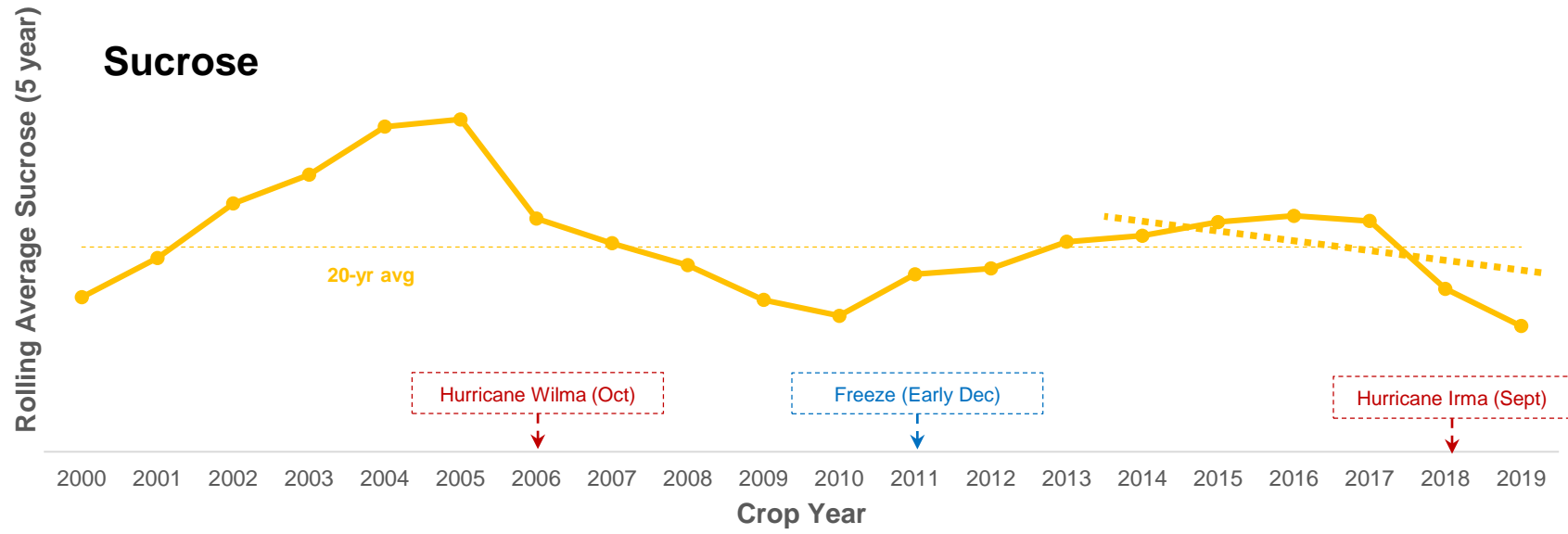
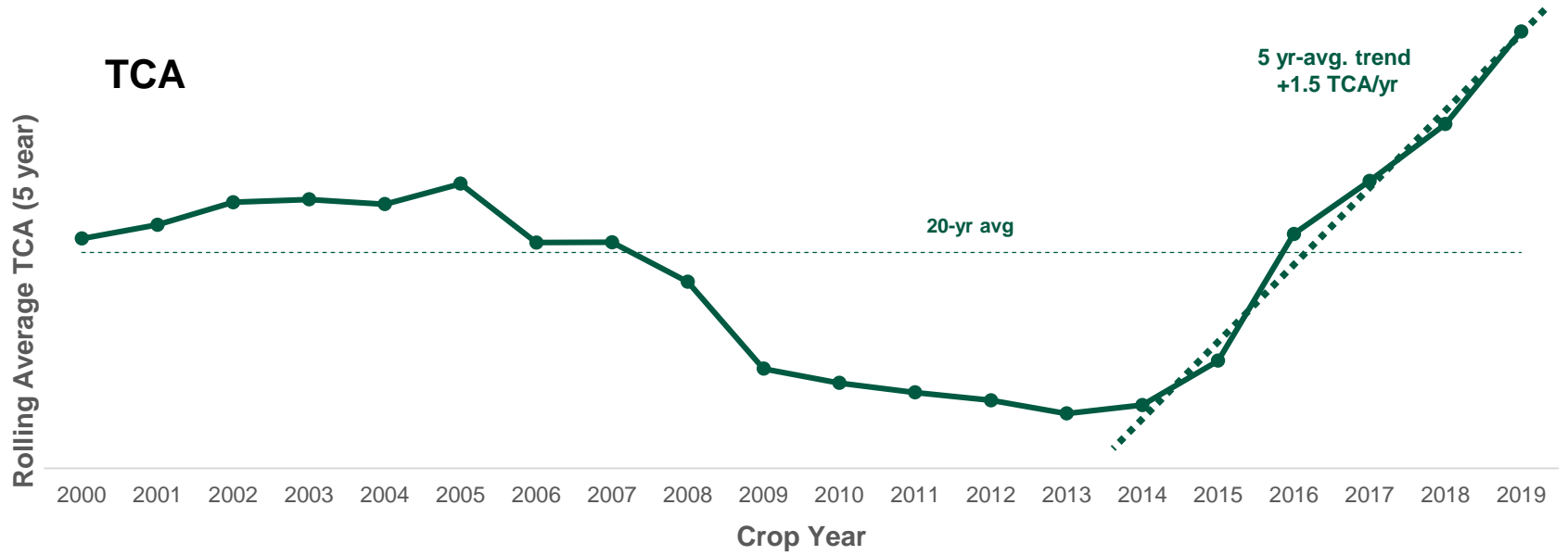
**2018-19
Crop**



**2017-18
Crop**



FCC Historical Metrics Last 20 Years



Rust - Disease Incidence Over Time

Brown Rust																			
YEAR	15-Feb	1-Mar	15-Mar	1-Apr	15-Apr	1-May	15-May	1-Jun	15-Jun	1-Jul	15-Jul	1-Aug	15-Aug	1-Sep	15-Sep	1-Oct	15-Oct	1-Nov	15-Nov
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	0.0	0.0	0.0	0.0	0.0	1.3	1.6	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.5	2.7	1.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	0.0	0.0	0.0	2.0	2.7	2.6	2.4	2.4	2.5	2.5	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	0.0	0.0	2.1	2.3	2.3	2.8	3.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	0.0	0.0	0.0	2.3	3.0	2.7	1.9	1.8	2.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	0.0	0.0	2.3	2.4	2.5	2.6	2.7	2.0	2.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	0.0	0.0	2.2	1.6	2.3	1.8	2.7	2.6	2.9	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	1.8	1.9	2.2	1.9	1.5	1.2	0.9	0.0											

Orange Rust																			
YEAR	15-Feb	1-Mar	15-Mar	1-Apr	15-Apr	1-May	15-May	1-Jun	15-Jun	1-Jul	15-Jul	1-Aug	15-Aug	1-Sep	15-Sep	1-Oct	15-Oct	1-Nov	15-Nov
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	1.0	1.3	1.5	2.7	2.9	0.0	0.0	0.0
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.6	0.6	1.1	1.5	2.1	0.0	0.0	0.0
2012	0.0	0.0	0.0	0.0	0.5	0.7	1.9	2.4	3.3	3.3	4.2	4.3	3.5	3.3	2.9	3.3	3.4	2.5	0.0
2013	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.2	2.1	2.3	3.0	3.0	2.1	1.3	1.0	1.3	1.4	0.6	0.0
2014	0.0	0.0	0.0	1.1	1.6	1.8	1.7	1.8	1.4	1.3	2.0	2.0	1.8	1.7	1.3	1.2	1.4	1.4	0.0
2015	0.0	0.0	0.8	1.4	1.5	1.9	2.4	2.2	2.1	2.5	2.9	3.1	2.5	2.6	2.7	2.6	2.8	2.4	0.0
2016	0.0	0.0	0.0	1.3	1.2	1.7	1.3	2.0	1.9	1.9	2.2	1.8	1.2	1.4	1.3	0.9	1.0	1.4	0.0
2017	0.0	0.0	0.8	0.8	1.1	0.9	1.0	1.3	2.1	2.9	2.4	1.8	1.1	1.6	1.0	0.0	0.0	0.0	0.0
2018	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.9	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0	1.1	1.5	1.2	2.0											

Rust - Area Planted vs. Rust Susceptibility

Brown Rust

Rust Susceptibility	Area Planted (%)					
	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Resistant	55	45	37	30	26	28
Moderately Resistant	19	26	33	42	41	36
Moderately Susceptible	2	6	4	3	3	2
Susceptible	25	24	26	26	30	34
Total Area Affected	45	55	63	70	74	72

reducing
over time

Area affected

Orange Rust

Rust Susceptibility	Area Planted (%)					
	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Resistant	13	0	0	3	0	0.3
Moderately Resistant	5	28	49	64	69	65
Moderately Susceptible	27	1	1	0.1	0.1	0
Susceptible	56	70	51	33	31	35
Total Area Affected	87	100	100	97	100	100

increasing
over time

Area affected

- Area in brown rust resistant is decreasing (increase acreage of CP96-1252)
- Orange rust susceptibility reduced with new moderately resistant varieties



Thank you.....
