

# Certified Seed Soybean Varieties 2019

SEEDING RATE CHART FOR SOYBEANS						
ROW WIDTH	DESIRED SEEDS PER ACRE (THOUSANDS)					
	100	125	150	175	200	225
SEEDS/POUND	POUNDS OF SEED PER ACRE					
7.5	1.4	1.8	2.2	2.5	2.9	3.2
15	2.9	3.6	4.3	5.0	5.7	6.5
30	5.7	7.2	8.6	10.0	11.5	12.9
2000	50	63	75	88	100	113
2100	48	60	71	83	95	107
2200	45	57	68	80	91	102
2300	43	54	65	76	87	98
2400	42	52	63	73	83	94
2500	40	50	60	70	80	90
2600	38	48	58	67	77	87
2700	37	46	56	65	74	83
2800	36	45	54	63	71	80
2900	34	43	52	60	69	78
3000	33	42	50	58	67	75
3100	32	40	48	56	65	73
3200	31	39	47	55	63	70



\*Pounds of seed per acre chart reproduced by permission of Deere & Company, ©1993 Deere & Company. All rights reserved.



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## 2018 OHIO SOYBEAN PERFORMANCE DATA<sup>1</sup> (bu/ac)

### NORTH REGION

### CENTRAL REGION

### SOUTH REGION

VARIETY	N1 HENRY CO.	N2 SANDUSKY CO.	18 MEAN	17-18 Mean	C1 MERCER CO.	C2 MARION CO.	18 MEAN	17-18 MEAN	S1 PREBLE CO.	S2 CLINTON CO.	18 MEAN	17-18 MEAN
CLERMONT									42.6	52.4	47.5	52.3
LORAIN	61.1	55.9	58.5	52.4	42.4	51.3	46.9	49.6				
STREETER	64.1	55.8	60.0	51.2	49.2	46.1	47.7	49.2				
SUMMIT	64.4	54.8	59.6	55.0	49.8	52.5	51.2	53.5				
WYANDOT 14	57.9	52.0	55.0	49.2	52.4	57.3	54.9	53.3				

<sup>1</sup>All data from OSU Department of Horticulture and Crop Science

\*A single asterisk (\*) is used to denote varieties with yield not statistically different than the highest yielding variety

### OTHER VARIETAL CHARACTERISTICS

VARIETY	RM <sup>2</sup>	PLANT TYPE	LODGING	SEED SIZE	PHYTOPHTHORA	SCLEROTINIA
Apex	3.7	Semidwarf	N/A	Medium	Rps <sub>1</sub> <sup>k</sup>	-
Clermont	3.9	Thinline	Mod. Res.	Medium	Rps <sub>1</sub> <sup>c</sup> / Rps <sub>3</sub> <sup>a</sup>	-
Dennison	3.5	Thinline	Mod. Res.	Small	Rps <sub>1</sub> <sup>k</sup> /Rps <sub>3</sub> <sup>a</sup>	Susceptible
HIGHPRO1	3.7	-	Resistant	Large	Tolerant	-
IA 3051RA12	3.1	-	-	Large	None	-
Lorain	3.4	Intermediate	Resistant	Small	Rps <sub>1</sub> <sup>c</sup>	-
Resnik	3.4	Intermediate	Resistant	Very Small	Rps <sub>1</sub> <sup>k</sup>	Fair
Streeter	3.0	Intermediate	Very Resistant	Medium	Rps <sub>1</sub> <sup>c</sup> / Rps <sub>3</sub> <sup>a</sup>	N/A
Summit	2.6	Intermediate	Resistant	Medium	Multiple Rps Genes	N/A
Wyandot 14	2.9	Intermediate	Resistant	Large	Rps <sub>3</sub> <sup>a</sup>	Susceptible

Relative Maturity <sup>2</sup>	Group	Days to Maturity
2.0-2.4	Early II	120 - 124
2.5-2.9	Late II	125 - 129
3.0-3.4	Early III	130 - 134
3.5-3.9	Late III	135 - 139
4.0-4.4	Early IV	140 - 144