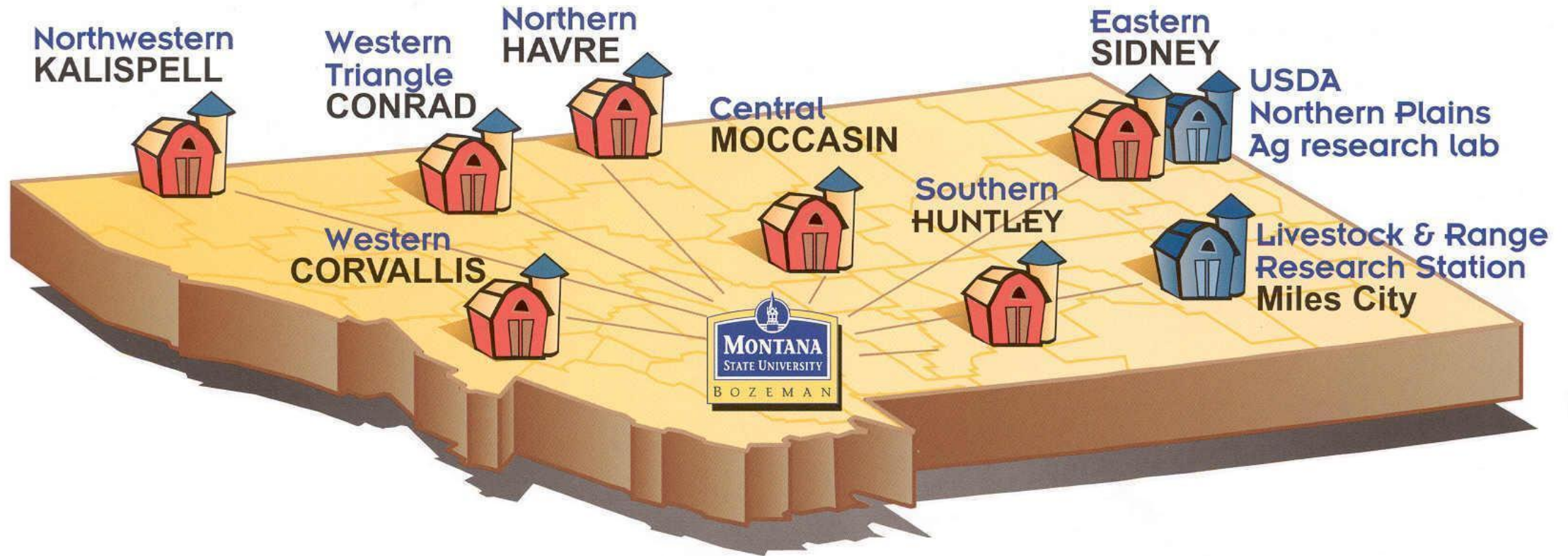


Spring Wheat Variety Options and Markets Classes – Performance and Profit





Jointly evaluate public and private experimental lines

**Off Station Nursery
Industry Nursery**

**WR Hard Red Nursery
WR Soft White Nursery**

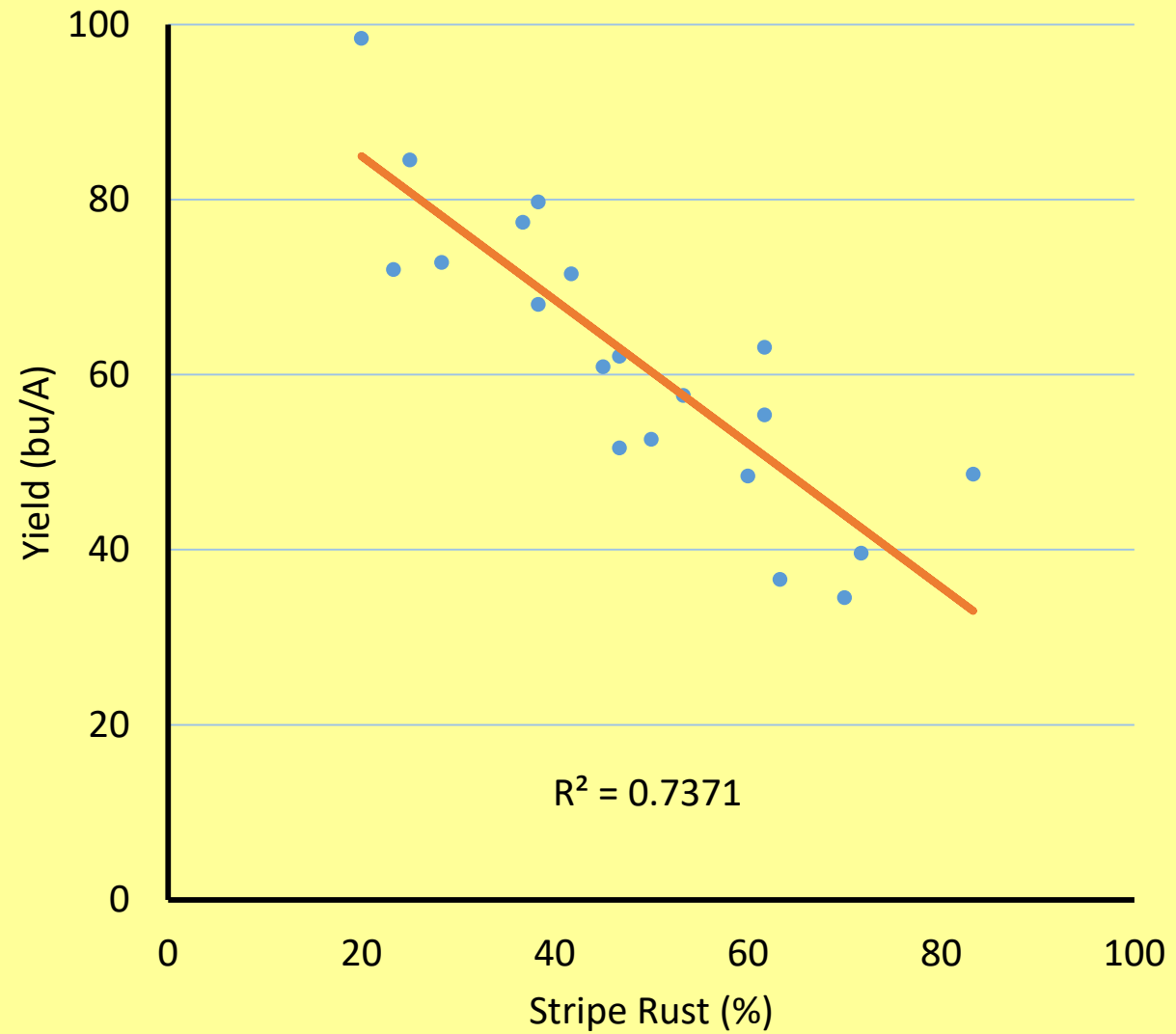
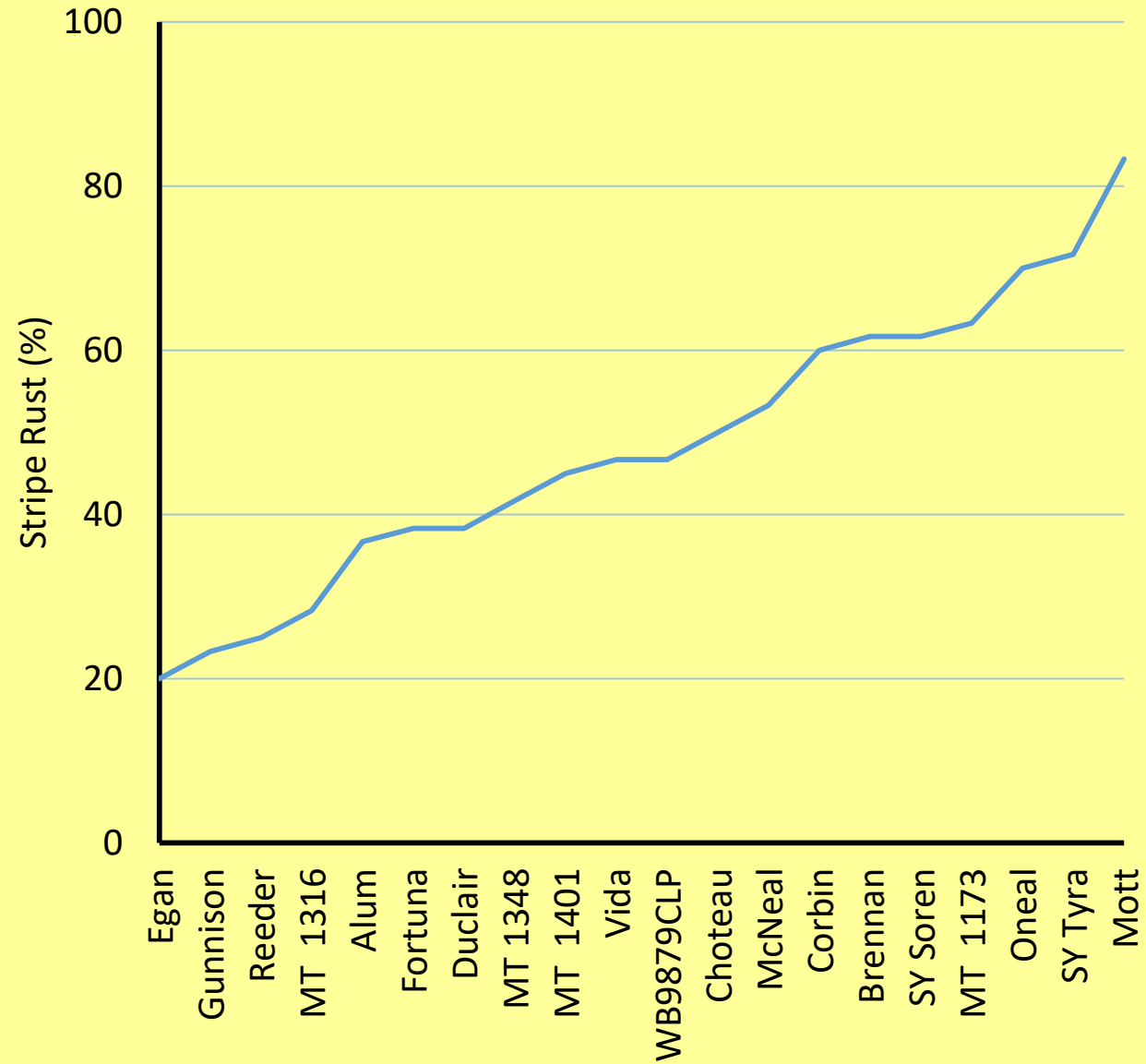


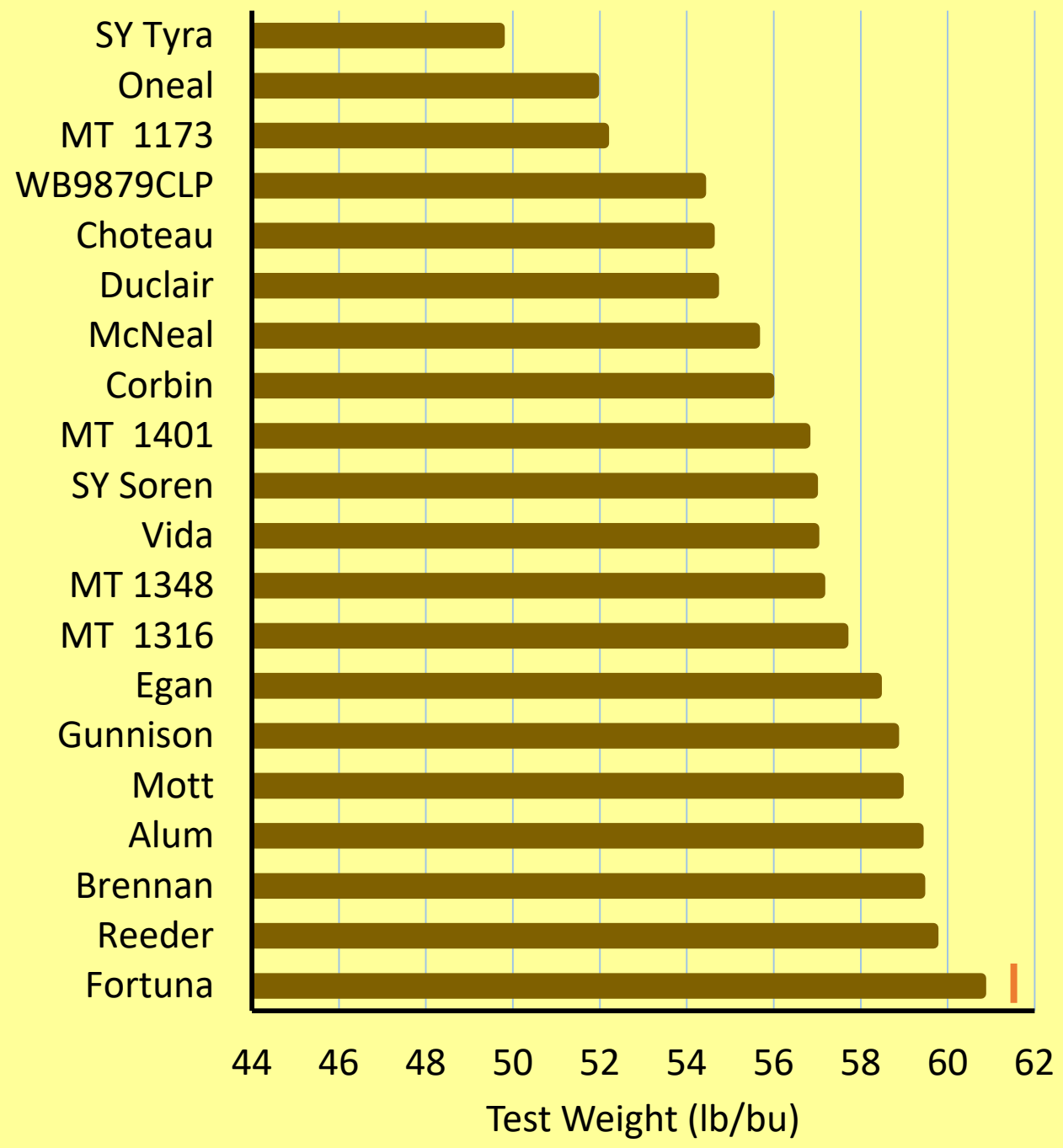
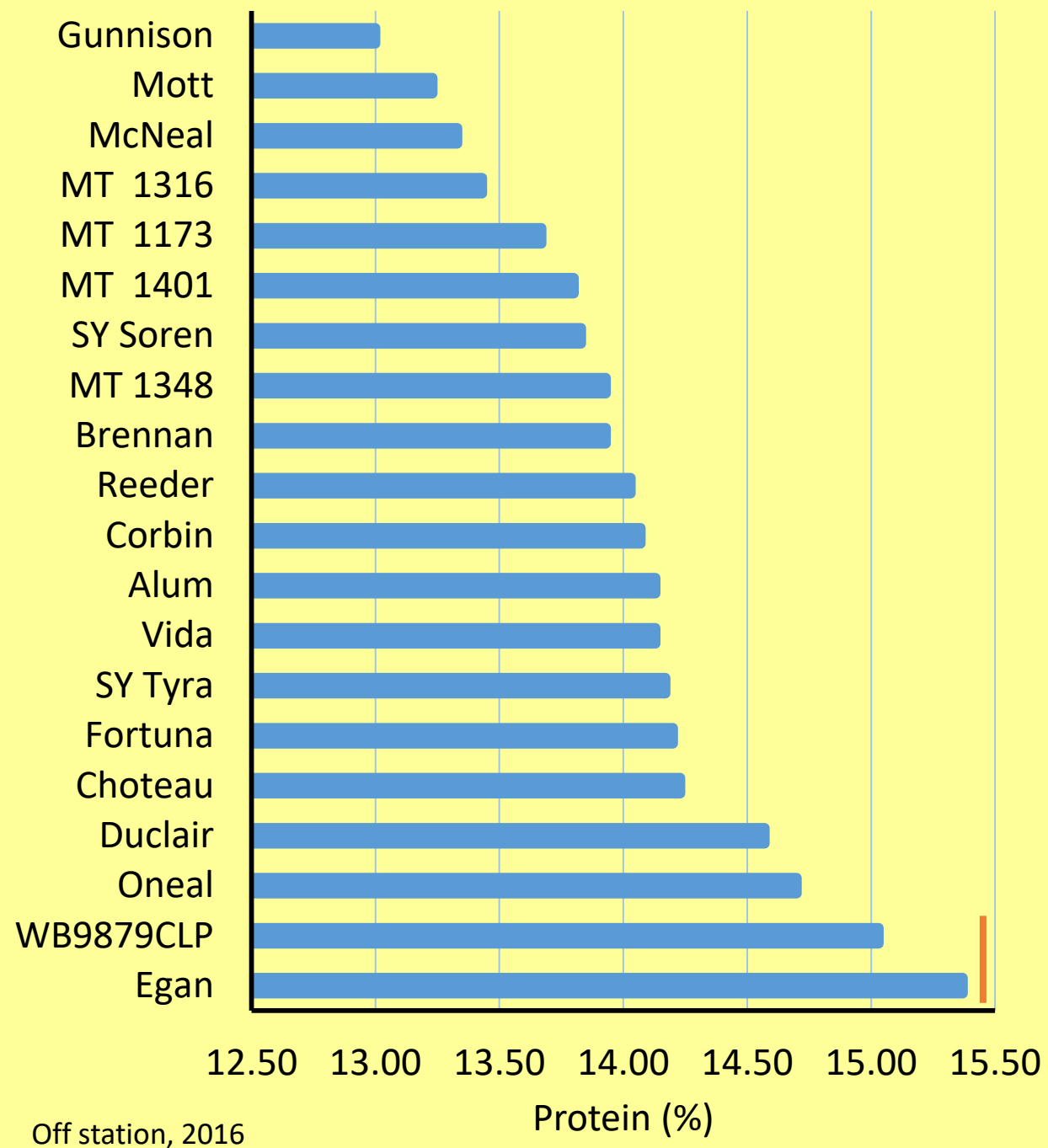
Net Return (\$/bu)								
Market Class	Sale Price	Test Weight		Protein			Falling Number	
DNS	\$5.13/bu	< 58	\$0.02 per 1/2 lb	14%	+ \$0.06	- \$0.12	330 - 300	\$0.25
							< 300	\$0.25/25 sec
SW	\$3.53/bu	< 58	\$0.02 per 1/2 lb	8.5% - 10.5%	NA	- \$0.05	< 300	\$0.25/25 sec
\$/bu * bu/A = Gross Return								

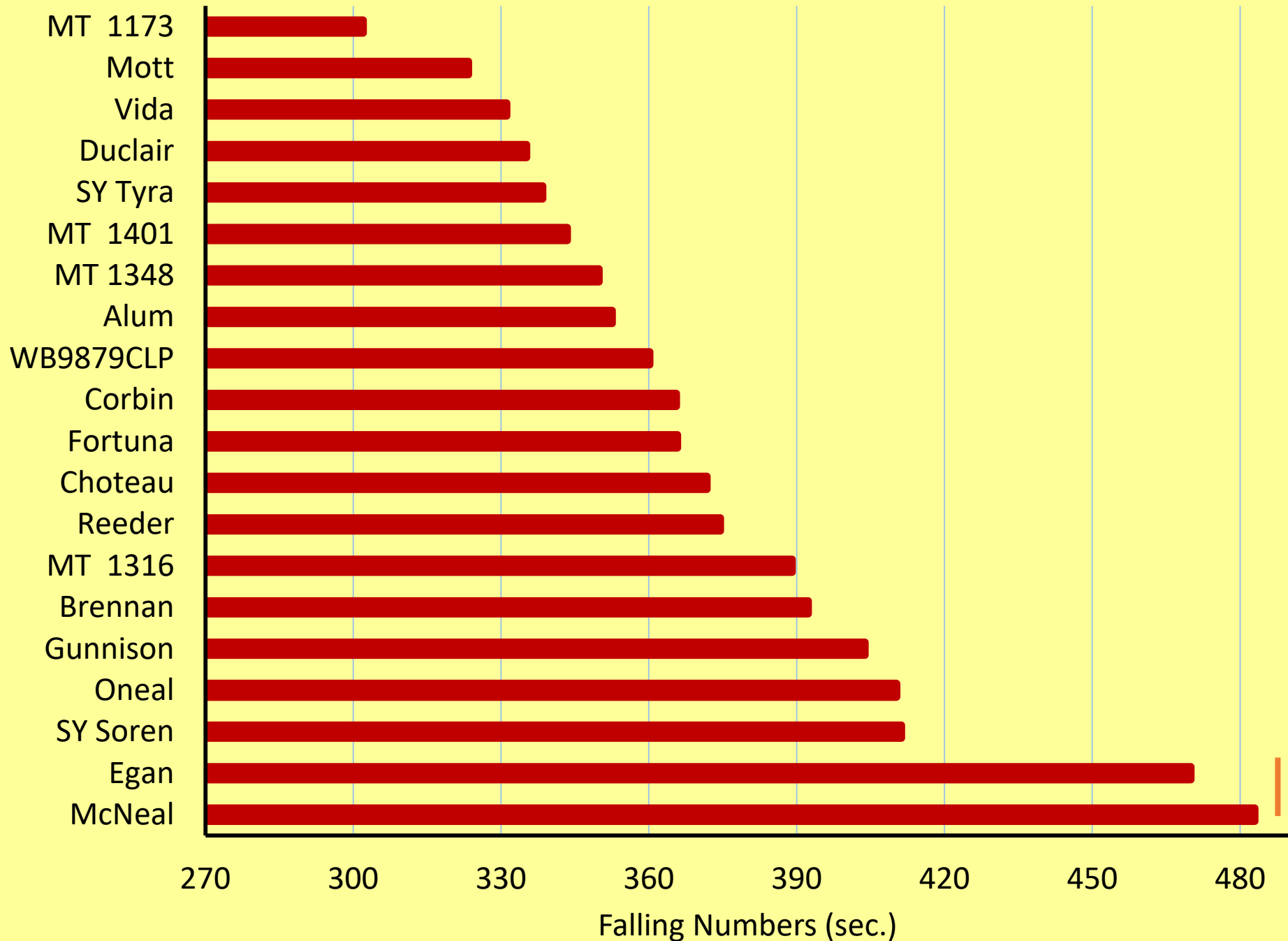
Spring Wheat Off Station Nursery

Entry #	Origin	Cultivar	Entry #	Origin	Cultivar
1	MSU	Choteau	11	NDSU	Mott
2	MSU	Duclair	12	NDSU	Reeder
3	MSU	Egan	13	Syngenta	Brennen
4	MSU	McNeal	14	Syngenta	SY Soren
5	MSU	MT 1173	15	Syngenta	SY Tyra
6	MSU	MT 1316	16	Westbred	Corbin
7	MSU	MT 1401	17	Westbred	Oneal
8	MSU	MT 1348	18	Westbred	WB Gunnison
9	MSU	Vida	19	Westbred	WB9879CLP
10	NDSU	Fortuna	20	WSU	Alum





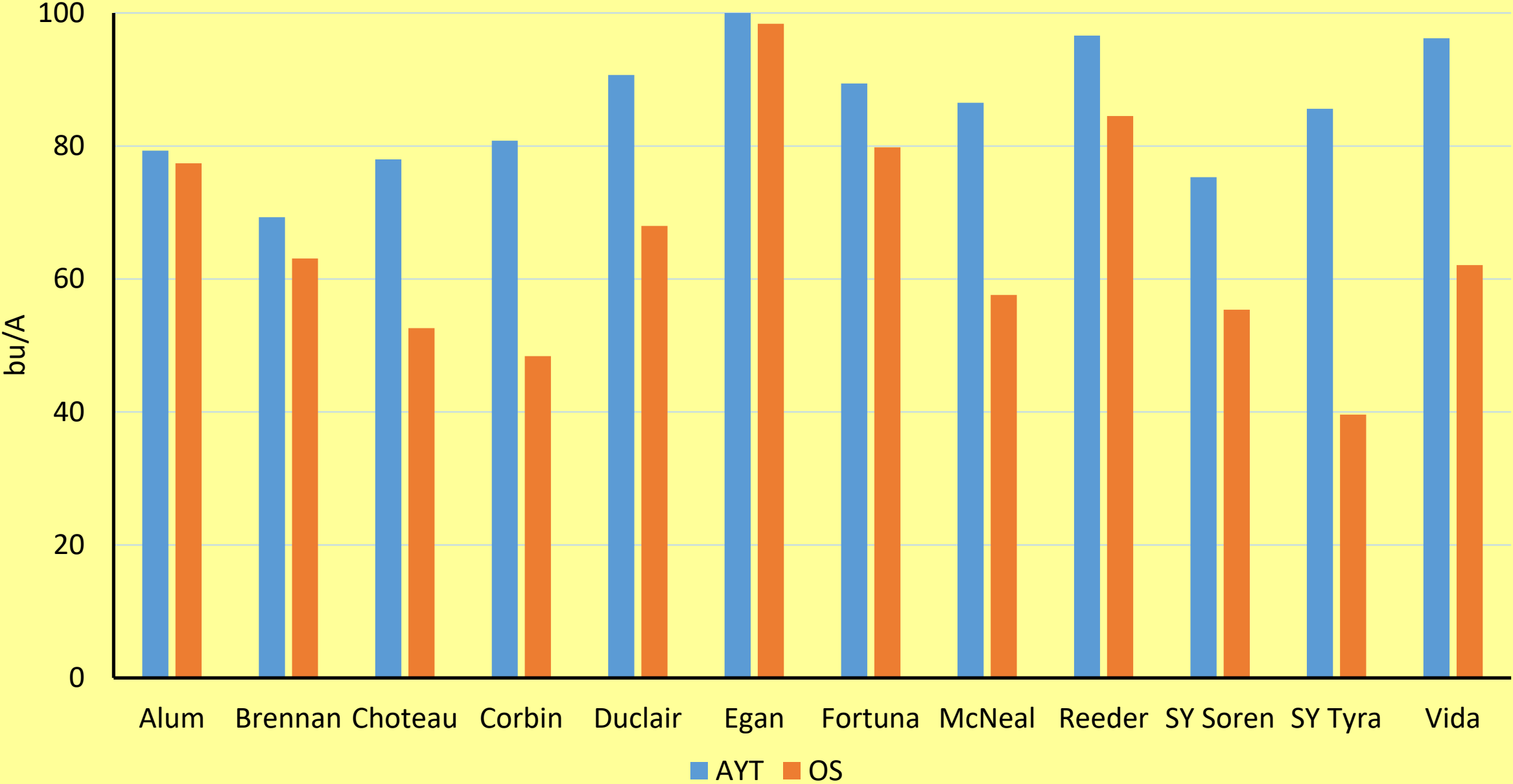




Variety	Net	Yield	Gross
Egan	5.44	98	535.08
Reeder	5.08	85	429.98
Fortuna	5.16	80	411.42
Alum	5.10	77	394.43
MT 1348	5.01	72	358.26
MT 1316	4.79	73	349.71
Gunnison	4.58	72	330.11
Duclair	4.84	68	330.10
Brennan	5.06	63	319.18
Vida	4.91	62	305.34

Variety	Net	Yield	Gross
MT 1401	4.93	61	300.35
SY Soren	4.97	55	275.02
WB9879CLP	5.21	52	268.94
McNeal	4.62	58	266.35
Choteau	5.01	53	263.85
Corbin	4.99	48	241.37
Mott	4.45	49	216.23
SY Tyra	4.72	40	187.55
Oneal	5.03	35	173.91
MT 1173	4.36	37	159.65

Spring Wheat Yield Comparison, 2016



Industry Nursery

Entry#	Origin	Cultivar	Entry#	Origin	Cultivar
1	Winfield	HRS 3504	8	Syngenta	SY Teton
2	Winfield	HRS 3361	9	Syngenta	SY3015-8
3	Winfield	HRS 3100	10	Syngenta	SY3051-9
4	Winfield	HRS 3530	11	Syngenta	Cabernet
5	Winfield	HRS 3616	12	MSU	Egan
6	Syngenta	SY Selway	13	Westbred	Solano
7	Syngenta	SY Coho			

Materials and Methods.

Seeding Date: 4/22/2016

Julian Date: 113

Seeding Rate: 80 lb/A

Previous Crop: Winter Wheat

Tillage: Conventional

Herbicide: Post - Huskie 11oz/A + Axial 16.4 oz/A + NIS 1qt/100gal + UAN 28% 1qt/A

Herbicide: Late Post - Stinger 1/3pt/A

Insecticide: Warrior II 1.92 floz/A

Harvest Date: 8/30/2016

Julian Date: 243

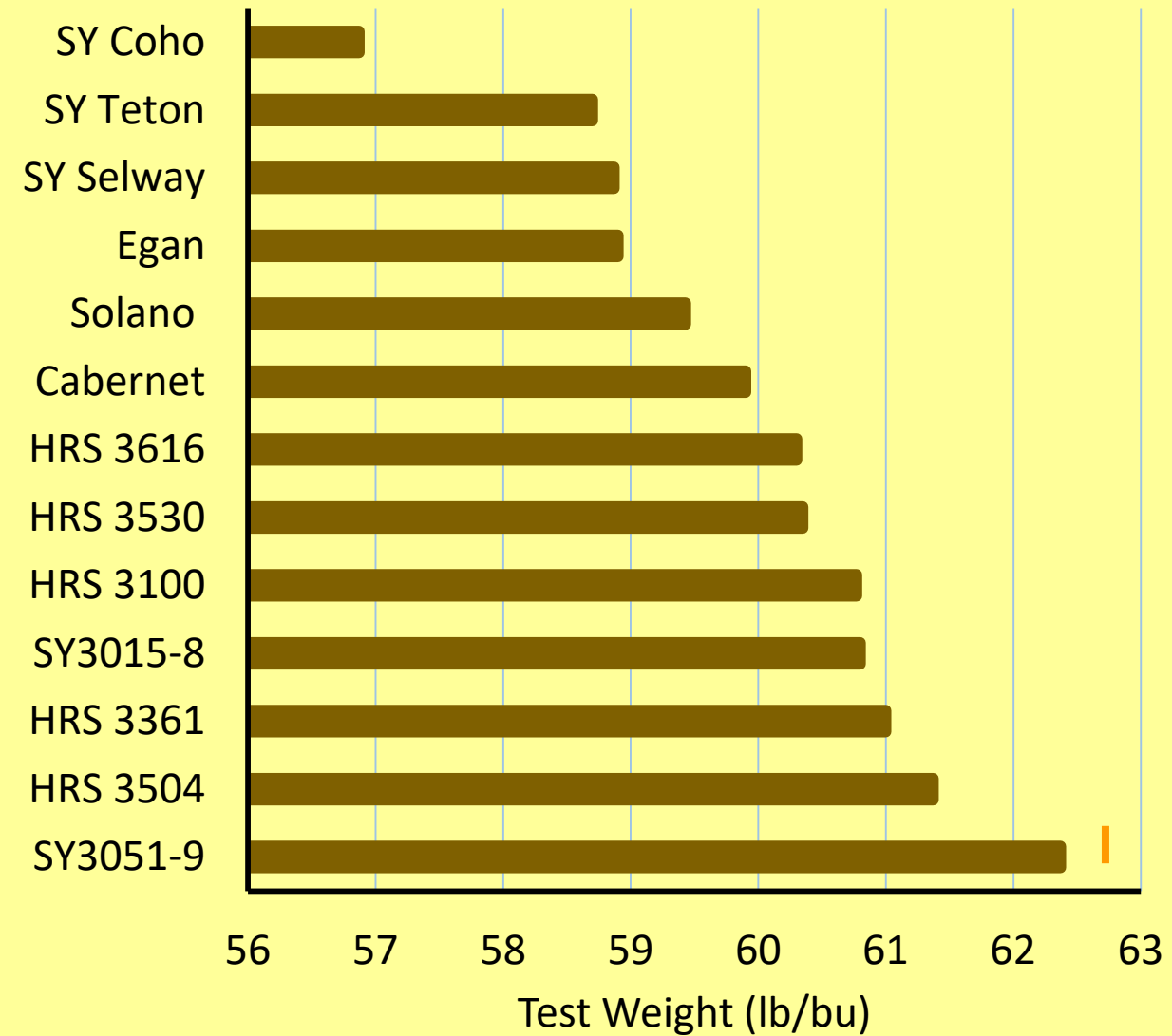
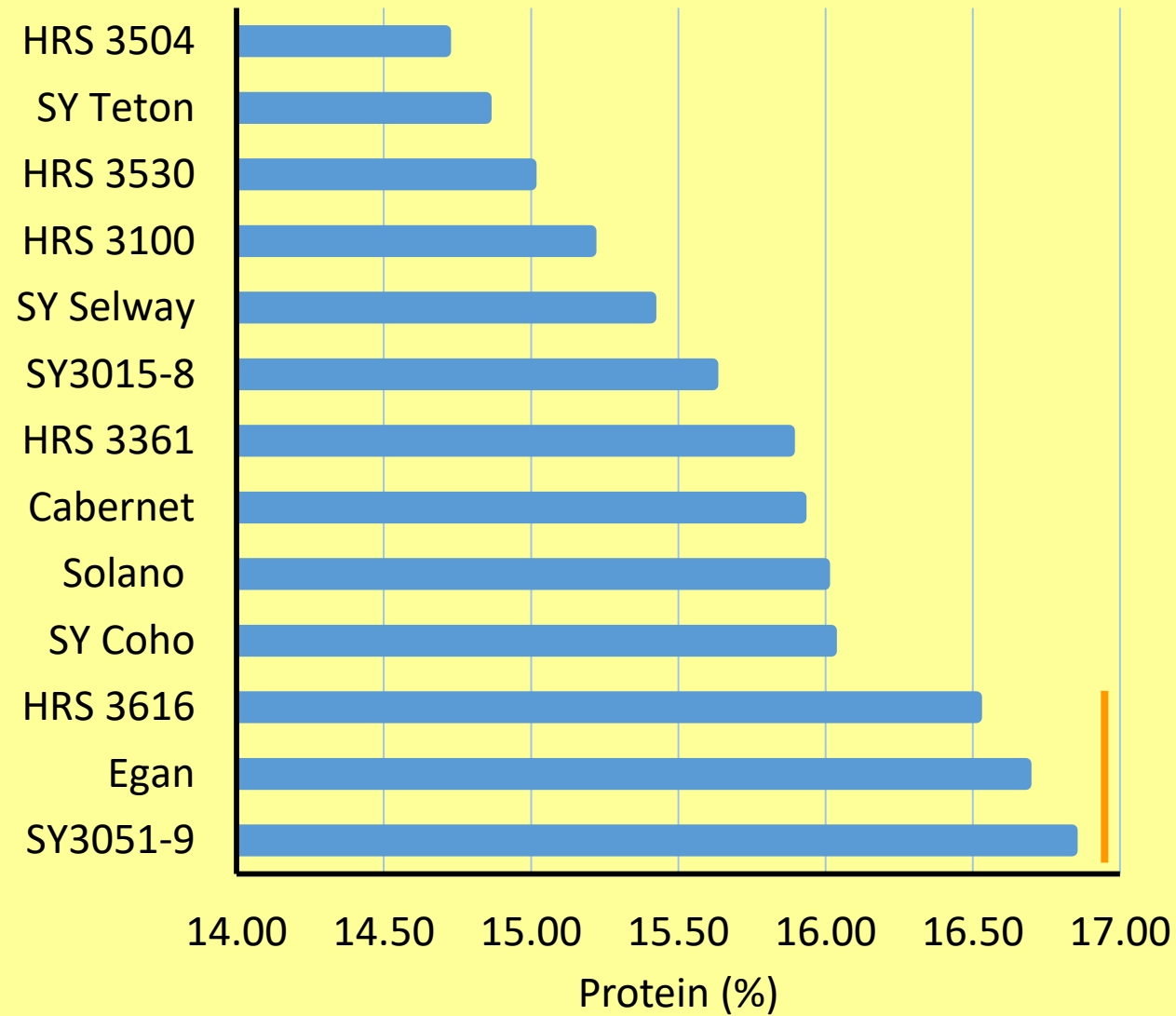
Soil Type: Creston SiL

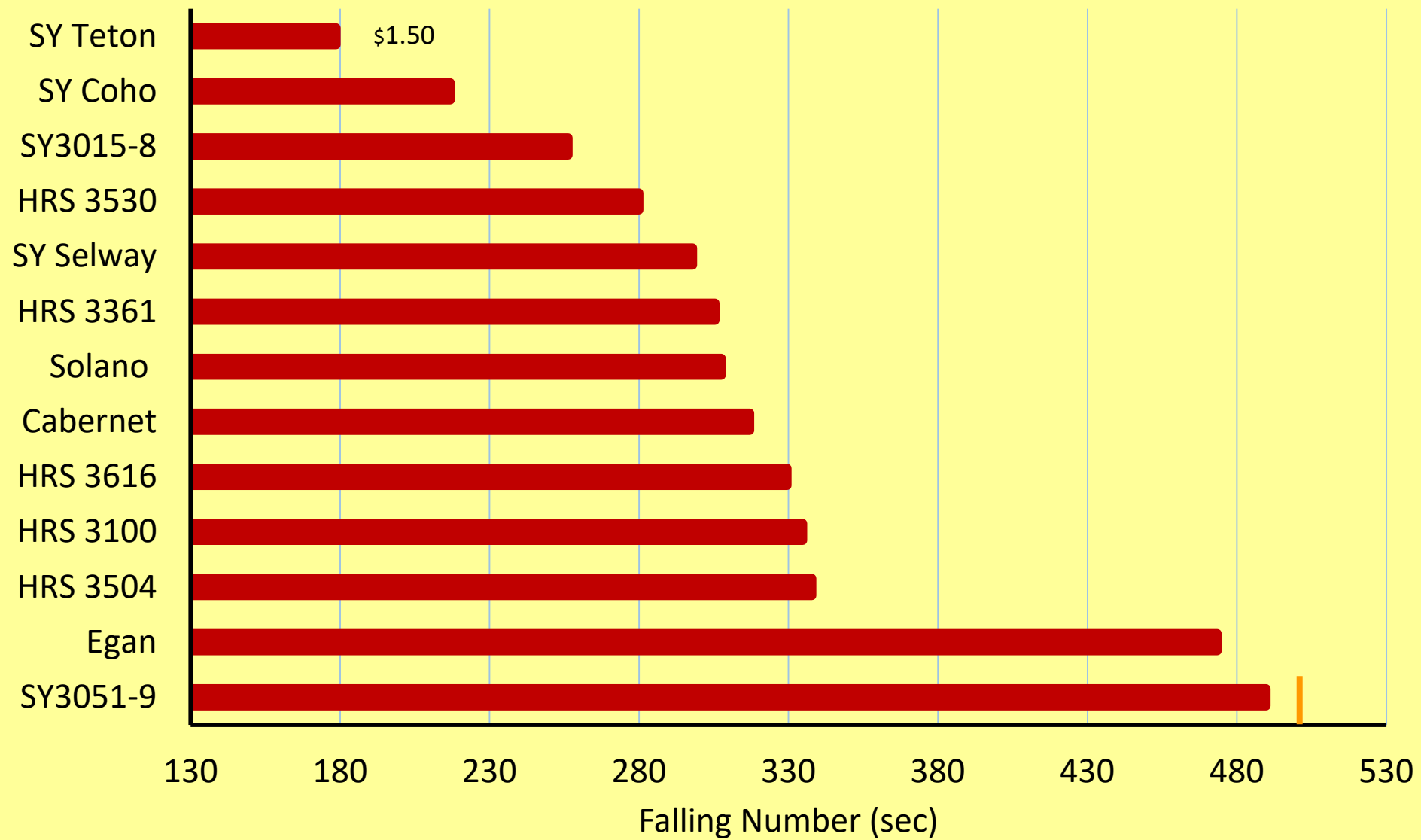
Soil Test: 96-8-200

Fertilizer: 235-40-60

Fungicide: Tilt 4oz





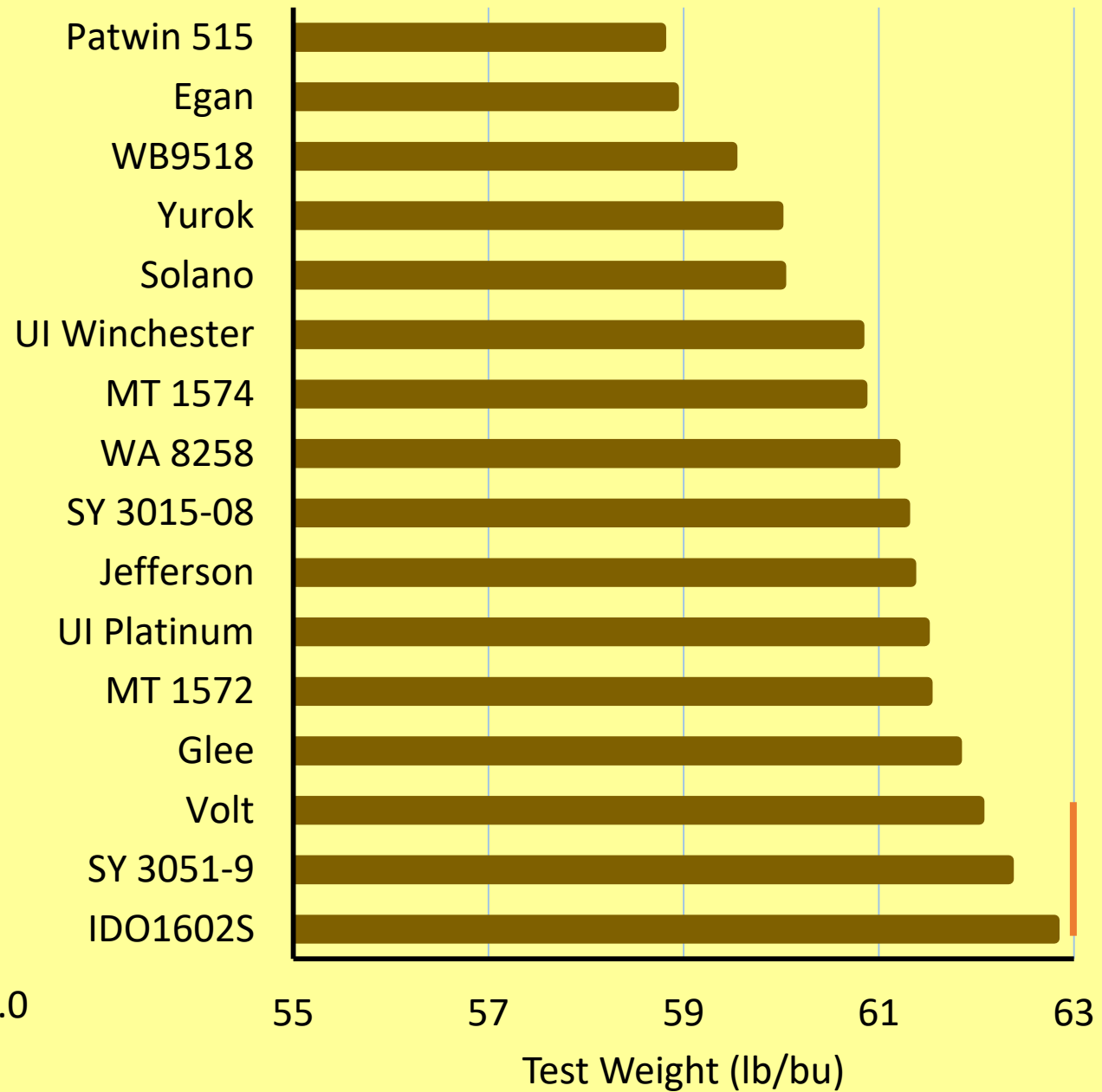
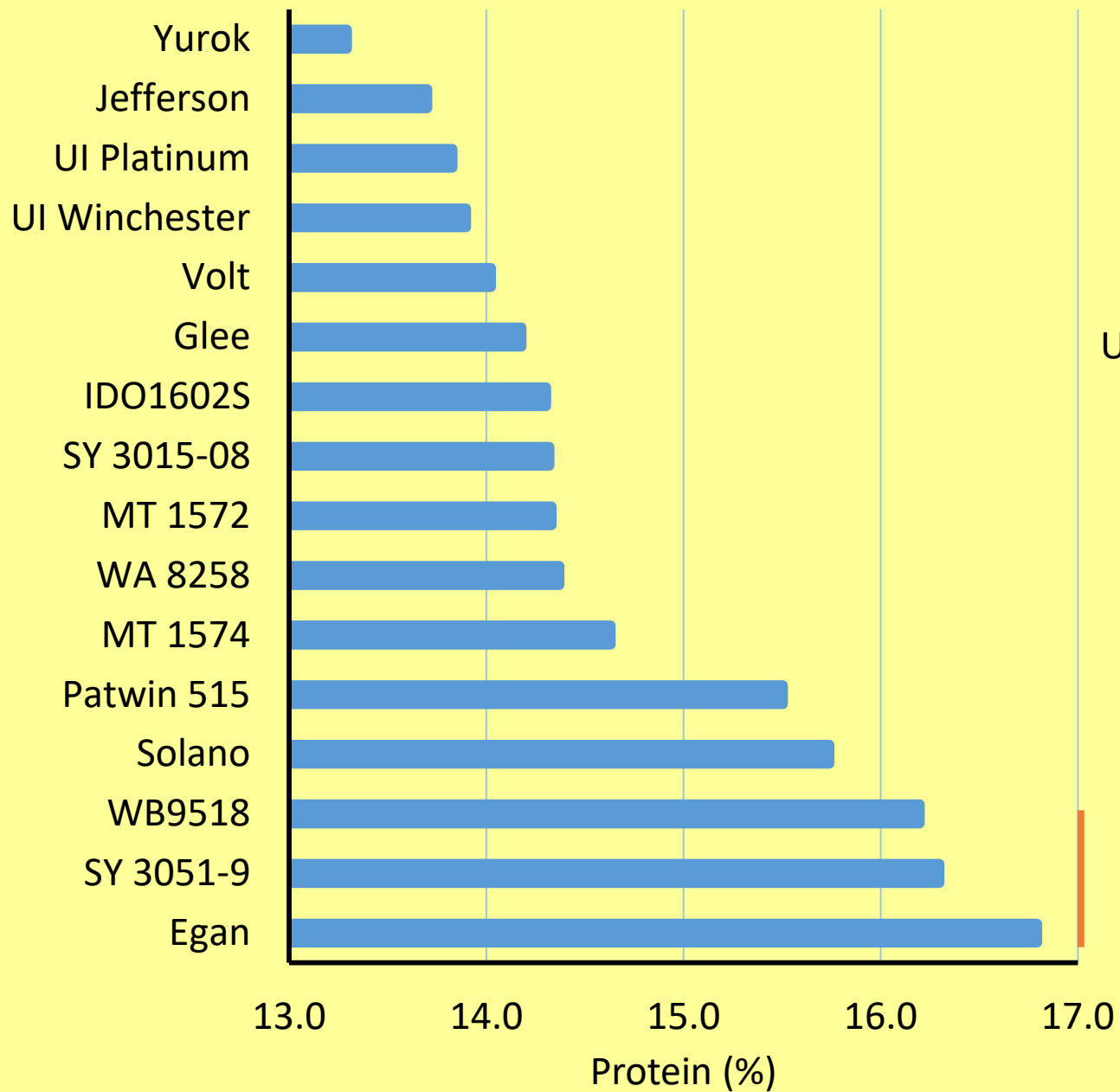


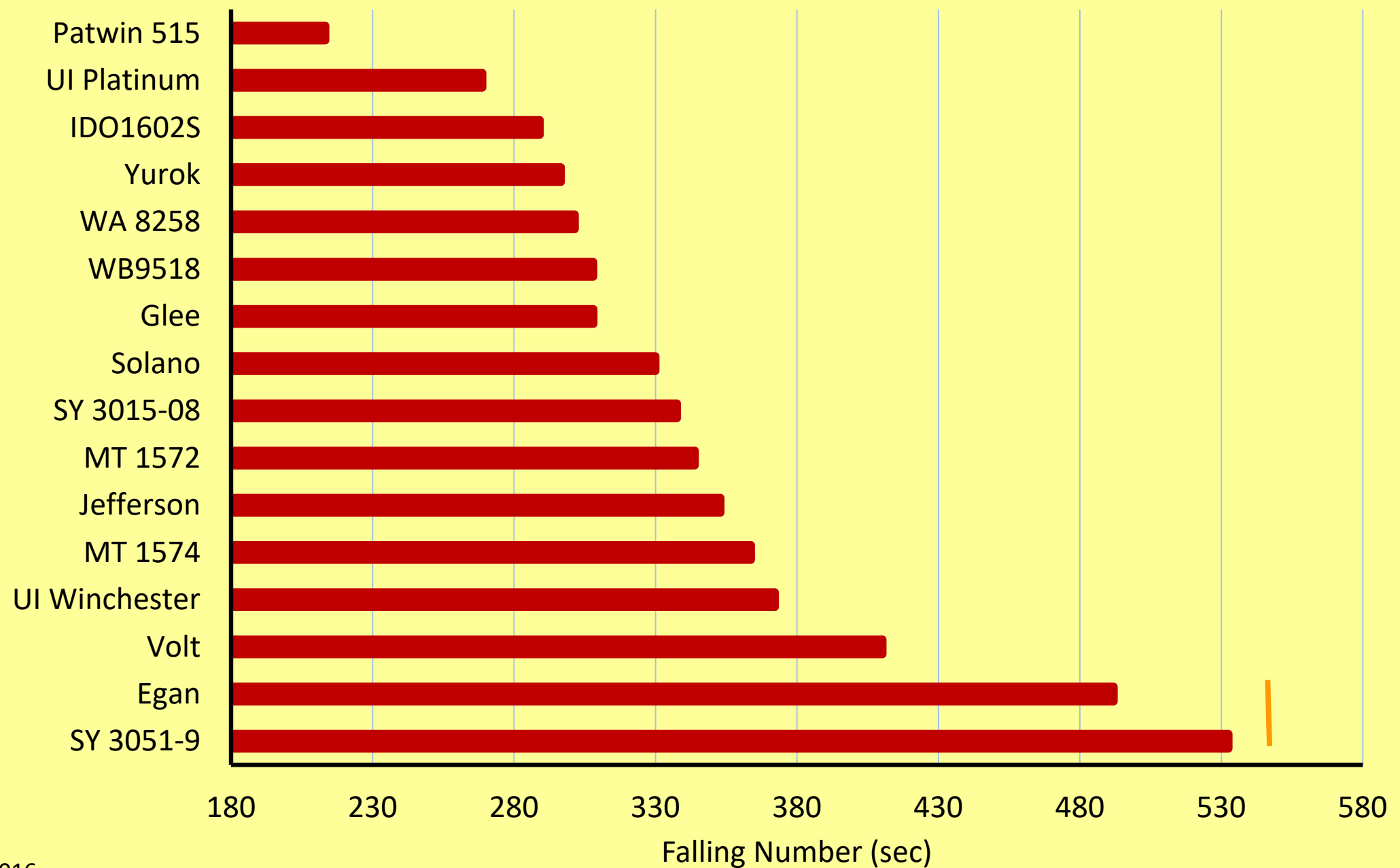
Variety	Net	Yield	Gross
HRS 3504	5.19	107.2	556.88
Egan	5.75	91.2	524.71
SY3051-9	5.79	86.7	502.17
SY3015-8	4.66	99.3	463.09
Solano	5.26	86.2	453.14
SY Selway	4.93	86.7	427.20
Cabernet	5.32	79.5	422.88

Variety	Net	Yield	Gross
HRS 3100	5.24	78.1	409.05
HRS 3530	4.84	83.5	404.03
SY Coho	4.29	91.3	391.49
HRS 3616	5.54	68.7	380.62
SY Teton	3.73	87.3	324.57
HRS 3361	5.22	58.6	306.08

Western Regional Hard Red Nursery

Entry #	Origin	Cultivar	Entry #	Origin	Cultivar
1	MSU	Egan	9	UI	Jefferson
2	MSU	MT 1572	10	UI	UI Platinum HW
3	MSU	MT 1574	11	UI	UI Winchester
4	Syngenta	SY3051-9	12	Westbred	Solano
5	Syngenta	SY3015-8	13	Westbred	Volt
6	UC Davis	Patwin 515 HW	14	Westbred	WB9518
7	UC Davis	Yurok	15	WSU	Glee
8	UI	IDO1602S HW	16	WSU	WA 8258



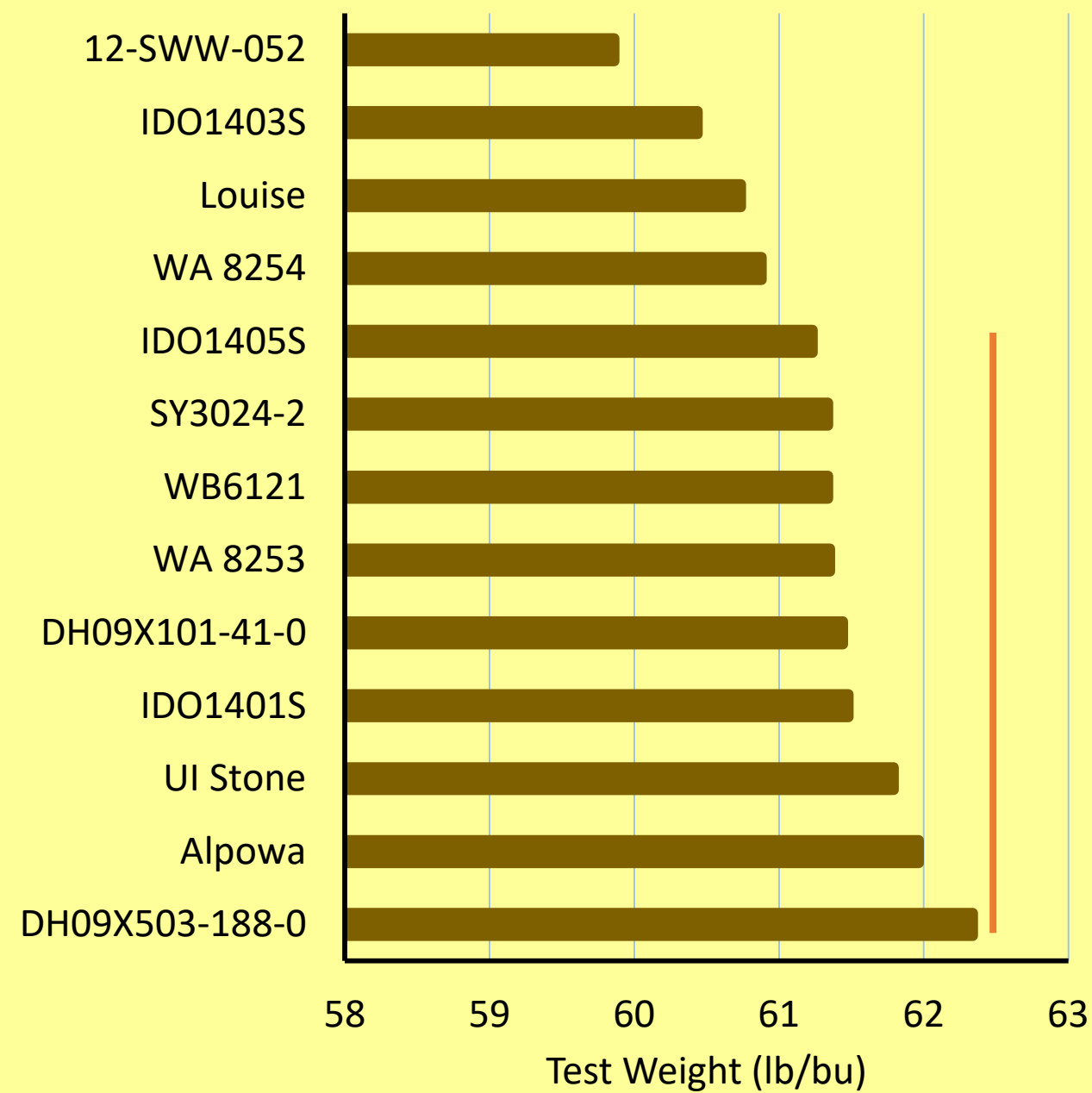
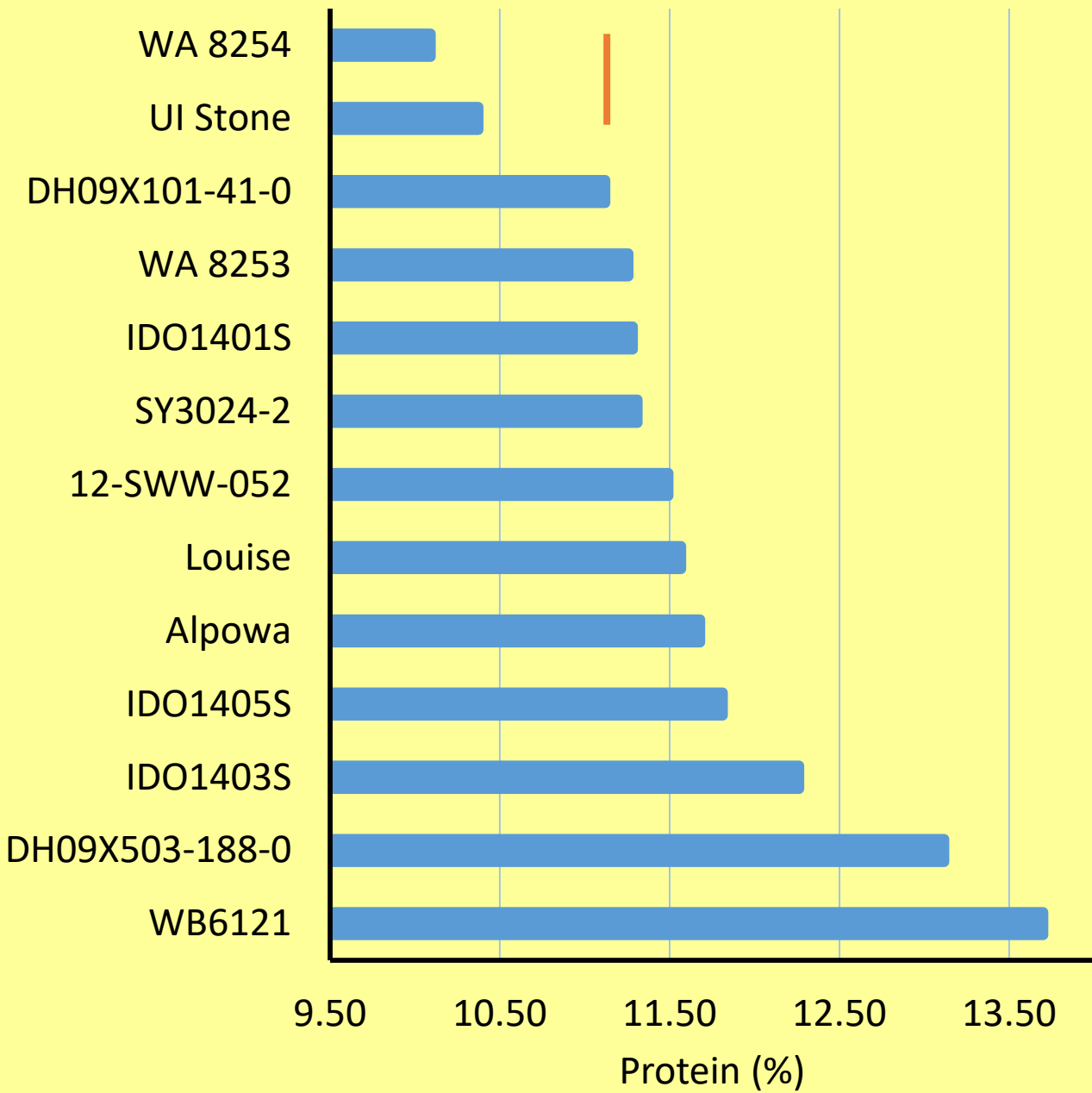


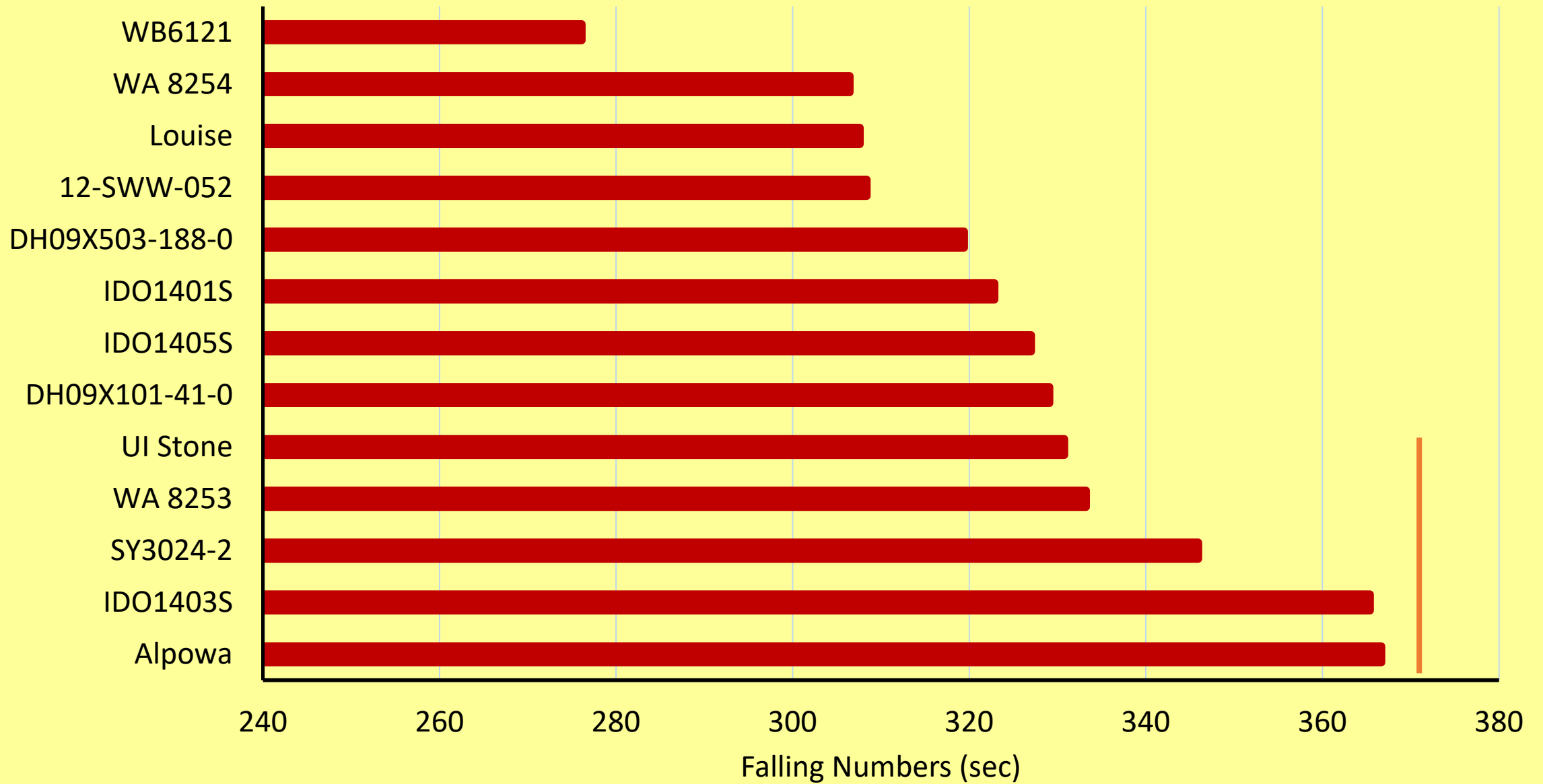
Variety	Net	Yield	Gross
SY 3015-8	5.10	125.2	640.29
SY 3051-9	5.67	106.0	601.28
Volt	5.10	115.7	593.56
WA 8258	4.87	119.4	579.77
WB9518	5.33	108.5	576.80
IDO1602S	4.67	124.8	566.39
Egan	5.77	97.9	565.24
Solano	5.37	101.0	540.85

Variety	Net	Yield	Gross
Jefferson	4.87	108.6	525.92
Yurok	4.40	114.8	505.63
Glee	4.77	105.0	502.61
Patwin 515	4.27	106.5	455.63
MT 1574	5.20	87.1	450.45
MT 1572	4.67	92.7	418.56
UI Platinum	4.03	101.4	405.75
UI Winchester	5.03	76.7	387.42

Western Regional Soft White Nursery

Entry #	Origin	Cultivar			
1	ARS	DH09X101-41-0	8	UI	UI Stone
2	ARS	DH09X503-188-0	9	Westbred	WB6121
3	LCS-PB1	12-SWW-052	10	WSU	WA 8253
4	Syngenta	SY 3024-2	11	WSU	WA 8254
5	UI	IDO1401S	12	WSU/OSU/UI/ARS	Alpowa
6	UI	IDO1403S	13	WSU/OSU/UI/ARS	Louise
7	UI	IDO1405S			





Variety	Net	Yield	Gross
UI Stone	3.53	136	480.76
IDO1405S	3.48	128	446.89
DH09X503-188-0	3.48	125	434.35
12-SWW-052	3.31	129	425.06
WA 8253	3.48	121	420.80
IDO1401S	3.48	121	420.33
IDO1403S	3.48	117	408.38

Variety	Net	Yield	Gross
SY3024-2	3.48	115	400.47
Alpowa	3.48	101	349.85
WB6121	3.06	107	327.32
Louise	3.31	96	317.58
WA 8254	3.45	92	315.77
DH09X101-41-0	3.48	77	268.36

2016 Economic Summary

Nursery	Gross			Variety	Net	Yield
	Mean	Top Three	Best			
Off Station	305.40	458.82	535.08	Egan	5.44	98
Industry	438.37	527.92	556.88	HRS3504	5.19	107
WRHR	519.76	611.71	640.29	SY 3015-8	5.10	125
WRSW	383.25	454.00	480.76	UI Stone	3.53	136





JULY 13

