

**2016-17 PSU Short-Lived Cover Crops Trial
Annual Ryegrass (multi-cut)**

Variety	Dm Yield tons/acre				First Cutting			Second Cutting			Stand
	28-Apr	19-May	9-Jun	Total	CP%	NDFD 30	TTNDFD	CP%	NDFD 30	TTNDFD	20-Mar
Kodiak	2.59	0.89	1.42	4.90	22.3	74	67	23.6	79	74	97
MO-1	2.41	0.88	1.55	4.84	23.8	74	70	25.0	79	74	94
Centurion	2.29	0.93	1.62	4.84	22.3	71	67	23.2	78	73	95
McKinley	2.53	0.83	1.44	4.81	24.9	73	70	23.9	80	74	96
M2CVS*	2.30	0.95	1.50	4.75	22.5	74	68	24.7	81	76	96
Andes	2.14	1.21	1.28	4.64	23.8	72	70	21.1	73	67	95
DSV-16-12*	2.06	1.03	1.53	4.63	23.3	71	70	22.3	78	73	96
DSV-16-15*	1.93	1.15	1.50	4.58	22.7	75	70	23.2	80	73	93
Winterhawk	2.15	1.11	1.27	4.53	22.4	70	68	23.7	77	73	95
DSV-16-13*	1.92	1.17	1.44	4.53	21.7	71	68	21.1	75	69	95
ME4*	2.37	0.76	1.40	4.53	21.1	73	68	24.0	79	74	97
Jackson	2.42	0.78	1.32	4.52	23.0	72	69	24.7	79	74	95
DSV-16-14*	2.09	0.93	1.47	4.50	23.9	77	73	23.5	79	75	95
KO14-WEAR*	1.97	1.17	1.34	4.48	24.4	74	69	22.5	76	70	94
Marshall	2.07	0.88	1.51	4.47	22.1	71	67	22.3	79	76	93
DSV-16-11*	1.86	0.87	1.60	4.34	24.5	70	69	26.4	78	72	94
BAR LM 15426*	1.45	1.34	1.33	4.12	24.7	84	82	23.1	80	74	88
BAR LM 15427*	1.42	1.43	1.27	4.11	24.1	79	77	21.8	78	72	94
WMWL*	2.10	0.66	1.33	4.10	22.0	72	67	22.7	75	69	95
ME94*	2.17	0.78	1.14	4.09	21.4	71	68	23.7	77	71	97
JUMBO	1.63	1.31	1.09	4.02	26.0	77	79	22.2	76	70	94
BAR LM 16168-1*	1.67	1.17	1.11	3.95	24.4	78	71	22.3	76	71	93
Nelson	1.97	0.85	1.08	3.90	23.0	76	70	23.3	83	78	93
BAR LM 16488*	1.08	1.44	1.35	3.87	26.3	81	78	23.5	77	75	79
BAR LM 16498*	1.42	1.18	1.25	3.86	26.1	78	75	21.4	77	71	76
BAR LM 15425*	1.26	1.41	1.18	3.84	26.9	77	77	21.4	75	69	90
BAR LM 16168-2*	1.59	1.10	0.94	3.64	24.6	76	75	20.9	72	66	94
BAR LM 14167-1*	1.43	1.15	1.03	3.62	25.8	80	79	23.5	76	74	91
BAR LM 15476*	1.18	1.11	1.23	3.52	25.3	78	74	22.8	77	74	93
BAR LM 16502*	1.04	1.27	1.16	3.46	26.0	77	72	23.2	73	70	76
BAR LM 14167-4*	1.33	1.10	0.95	3.38	26.5	79	78	24.1	78	74	89
OR-16-BRAG*	0.53	1.39	1.17	3.09	24.8	74	70	20.2	67	64	83
Mean	1.82	1.07	1.31	4.20	24.0	75	72	23.0	77	72	92
LSD (.05)	0.20	0.13	0.16	0.30							3
CV%	7.88	8.49	8.78	5.16							4

*not commercially available

CV = coefficient of variation

LSD = least significant difference

- Planted September 15, 2016
- Yields (tons per acre DM basis)
- Stand score based on a scale of 1 to 100. A 100 is considered to be a perfect stand.
- Grand Mean, CV and LSD values represent 32 total entries.
- Means are LSMeans derived from statistical analysis.
- Rankings are based on total yields.

**2016-17 PSU Short-Lived Cover Crops Trial
Annual Ryegrass (single-cut)**

Variety	Cut date	Dm T/A				Stand
		Total	CP%	NDFD 30	TTNDFD	
DSV-16-14*	15-May	4.00	18.3	68	65	96
Jackson	8-May	3.55	19.4	62	64	95
ME4*	8-May	3.44	18.3	64	62	99
Centurion	11-May	3.37	18.0	67	66	99
DSV-16-13*	15-May	3.25	17.7	64	61	99
Marshall	8-May	3.11	15.2	63	61	99
DSV-16-11*	8-May	3.00	15.9	61	59	98
DSV-16-15*	11-May	2.84	15.6	60	56	96
Nelson	8-May	2.81	15.9	59	59	94
DSV-16-12*	11-May	2.28	15.9	58	56	97
Mean		3.17	17.0	62.5	60.8	97.0
LSD (.05)		0.36				4.16
CV%		10.88				2.96

*not commercially available

CV = coefficient of variation

LSD = least significant difference

- Planted September 15, 2016
- Yields (tons per acre DM basis)
- Stand score based on a scale of 1 to 100. A 100 is considered to be a perfect stand.
- Grand Mean, CV and LSD values represent 10 total entries.
- Means are LSMeans derived from statistical analysis.
- Rankings are based on total yields.

**2016-17 PSU Short-Lived Cover Crops Trial
Short-Season Cereals**

Variety	Species	Cut date	Dm T/A			
			Total	CP%	NDFD30	TTNDFD
BCT 15513*	trticale	5-May	4.64	12.4	58	60
HyOctane	trticale	5-May	4.60	13.2	54	56
Trical 336	trticale	5-May	4.53	12.7	57	59
Bolt	trticale	5-May	4.18	13.6	60	60
Traction	trticale	5-May	4.15	14.8	58	61
BCT 15511*	trticale	5-May	4.14	13.6	52	55
Trical Gainer 154	trticale	30-Apr	4.03	17.8	59	63
BCT 15509*	trticale	5-May	3.87	16.3	63	63
BCT 15508*	trticale	30-Apr	3.74	17.4	58	60
Trical 815	trticale	30-Apr	3.74	18.4	59	63
BCT 15512*	trticale	30-Apr	3.41	17.3	57	62
BCT 15505*	trticale	5-May	3.40	16.9	64	67
BCT 15510*	trticale	30-Apr	3.13	16.9	56	60
Aroostock	rye	20-Apr	3.12	22.1	64	65
Bonfire	rye	20-Apr	3.03	19.8	64	68
Mean			3.85	16.2	58.8	61.5
LSD (.05)			0.25			
CV%			4.59			

*not commercially available

CV = coefficient of variation

LSD = least significant difference

- Planted September 15, 2016
- Yields (tons per acre DM basis)
- Stand score based on a scale of 1 to 100. A 100 is considered to be a perfect stand.
- Grand Mean, CV and LSD values represent 16 total entries.
- Means are LSMeans derived from statistical analysis.
- Rankings are based on total yields.

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Mixes

Dm T/A

Variety	Cut date	Total	CP%	NDFD 30	TTNDFD	Stand
Kings Soil Builder Plus	6-May	3.46	16.1	62	60	98

(Triticale, crimson clover,
hairy vetch, Annual Ryegrass,
Daikon radish)

- Planted September 15, 2016
- Yields (tons per acre DM basis)
- Stand score based on a scale of 1 to 100. A 100 is considered to be a perfect stand.