

Variety	Species	March 15 incorporation											April 1 incorporation										
		Nitrogen availability post incorporation					Forage Quality						Nitrogen availability post incorporation					Forage Quality					
		*Weed Suppression Rating	Two weeks lbs N/ac	Four Weeks	Three months	Total N	**DMY lbs/ac	CP %	ADF	NDF	NFC	Lignin	Weed Suppression Rating	Two weeks lbs N/ac	Four Weeks	Three months	Total N	DMY lbs/ac	CP %	ADF	NDF	NFC	Lignin
Bates RS4	Rye	10	5	10	17	32	2992	11	38	65	34	4	10	0	0	1	1	5753	6	46	74	24	6
NF97325	Rye	9	6	12	20	38	3418	12	38	65	34	4	10	0	0	3	4	6465	7	45	73	25	5
NF95319B	Rye	9	5	10	16	31	2252	12	35	60	39	3	9	2	3	6	11	3667	9	41	67	30	5
NF99362	Rye	9	6	11	19	36	2842	12	36	62	36	4	9	1	2	6	9	5067	7	46	74	26	5
Elbon	Rye	9	4	7	11	22	985	17	29	52	46	3	9	2	4	8	15	3158	9	40	67	31	4
Dixie II	Crimson	8	4	6	9	19	409	25	23	35	59	4	8	27	40	52	120	2830	21	25	32	62	5
Vivant Hybrid Turnip	Turnip	8	10	16	23	48	1033	19	22	28	66	6	6	13	19	25	56	1725	15	20	26	69	5
Centurion	Ryegrass	10	9	14	21	44	1400	16	22	34	60	4	10	12	21	32	65	4266	11	29	46	52	4
Aerifi	Radish	8	7	12	18	37	1531	15	33	44	52	6	8	11	18	24	53	2363	14	35	45	51	8
Jackpot	Turnip	9	7	11	16	33	977	19	24	32	62	6	8	16	25	33	74	2766	14	28	38	58	5
AU Sunrise	Crimson	8	5	9	12	27	582	22	22	27	64	6	8	20	30	39	88	2300	19	28	36	58	6
WinterGrazer70	Rye	9	11	18	27	55	1632	20	28	46	49	4	10	0	1	5	7	5111	7	45	72	25	5
Blaza	Crimson	6	1	2	3	7	396	20	28	44	50	4	8	22	33	43	99	2476	19	28	35	57	7
Super 10	Berseem	8	5	8	11	24	427	29	23	30	60	6	9	25	38	49	112	2063	24	24	32	60	6
Au Red Ace	Red Clover	6	5	7	10	22	444	27	23	31	61	6	9	24	36	46	106	2106	24	21	28	64	5
AU Merit	Hairy Vetch	3	2	3	4	8	130	30	20	25	66	5	6	17	25	32	74	1624	21	26	34	59	5
WinterKing	Hairy Vetch	5	4	6	9	19	254	35	18	22	68	4	7	20	31	39	90	1741	25	25	33	60	5
Patagonia Inta	Hairy Vetch	5	.	.	.	.	127	.	.	.	.	.	6	23	34	44	100	2385	22	28	36	58	6
SECCB19	Berseem	6	3	6	8	17	328	27	23	33	58	5	9	23	35	45	103	2320	23	26	35	59	6
Balady	Berseem	5	2	3	4	9	265	23	23	32	61	5	7	23	34	44	100	2971	18	27	37	57	5
Low Boy	Ryegrass	8	.	.	.	.	130	.	.	.	.	.	10	5	8	10	24	613	19	24	37	54	3
Gulf	Ryegrass	10	.	.	.	.	806	.	.	.	.	.	10	17	29	42	89	5493	12	33	55	42	3
CCS 779	Radish	8	5	9	14	29	1204	16	30	44	53	4	8	12	20	27	59	2749	13	33	45	54	6
SECCB18	Crimson	6	4	7	10	22	499	22	25	34	61	6	8	20	29	37	86	2003	21	24	31	62	5
SECCM18	Crimson	6	2	3	4	9	193	23	20	26	66	5	5	22	33	43	99	2302	19	25	33	60	5
SERWF19	Radish	5	.	.	.	.	878	.	.	.	.	.	9	5	9	13	28	1901	11	39	49	51	8
Dixie	Crimson	8	5	9	12	27	473	26	19	24	68	5	9	21	32	41	95	2249	20	25	31	62	6
Survivor	Winter Peas	1	.	.	.	.	.	.	.	.	.	.	7	17	26	33	77	1964	20	25	33	60	5
Driller	Radish	5	6	9	14	29	886	18	32	39	56	7	8	10	16	22	49	2470	12	34	44	53	7
Fixation	Balansa	7	5	8	11	23	350	30	18	21	70	5	10	32	48	61	142	2445	26	21	25	68	5
Frosty	Berseem	8	5	8	11	24	407	29	22	30	61	6	9	23	34	44	101	2028	23	25	33	60	6
Mean		7	5	9	13	27	942	21	26	38	56	5	8	15	23	31	69	2883	17	30	43	52	5
CV%		25	40	45	45	35	48	23	22	17	13	26	21	30	35	32	35	48	14	9	10	7	12
LSD (0.05)		3	8	13	19	30	1335	8	8	15	12	2	3	16	24	31	60	2322	4	5	7	6	1
Balansa		7	5	8	11	23	350	30	18	21	70	5	10	32	48	61	142	2445	26	21	25	68	5
Berseem		7	4	6	9	20	369	27	23	31	60	5	9	23	35	45	104	2346	22	25	34	59	6
Crimson		7	4	6	9	19	440	23	23	32	61	5	8	22	33	43	98	2360	20	26	33	60	6
Hairy Vetch		4	3	5	7	15	191	33	19	24	67	5	6	20	30	38	88	1917	23	26	34	59	5
Radish		7	6	10	15	32	1147	17	31	42	54	6	8	10	15	21	46	2337	13	36	45	52	7
Red clover		6	5	7	10	22	444	27	23	31	61	6	9	24	36	46	106	2106	24	21	28	64	5
Rye		9	6	11	18	36	2354	14	34	58	40	3	10	1	2	5	8	4856	8	44	71	27	5
Ryegrass		9	9	14	21	44	1027	16	22	34	60	4	10	11	20	28	59	3457	14	29	46	49	3
Turnip		8	8	13	19	41	1005	19	23	30	64	6	7	14	22	29	65	2245	15	24	32	64	5
Winter Pea		1	.	.	.	.	.	.	.	.	.	.	7	17	26	33	77	1964	20	25	33	60	5
Mean		6	6	9	13	28	814	23	24	34	60	5	8	18	27	35	79	2603	18	28	38	56	5
CV%		25	35	40	35	32	49	22	17	23	13	27	20	36	30	35	31	52	16	11	12	8	13
LSD (0.05)		2	5	6	9	11	870	6	6	11	9	2	2	7	10	16	35	1746	3	4	6	5	1

\*Weed Suppression rating: 1-10 with 1 exhibiting no weed suppression and 10 exhibiting excellent weed suppression  
\*\*Dry matter yield  
Planting Date:11-2-20  
data replaced by a (.) signifies that not enough sample was consistently collected across all three replicatons to provide a valid sample