

Distribution of Isolates by Treatments and Crops

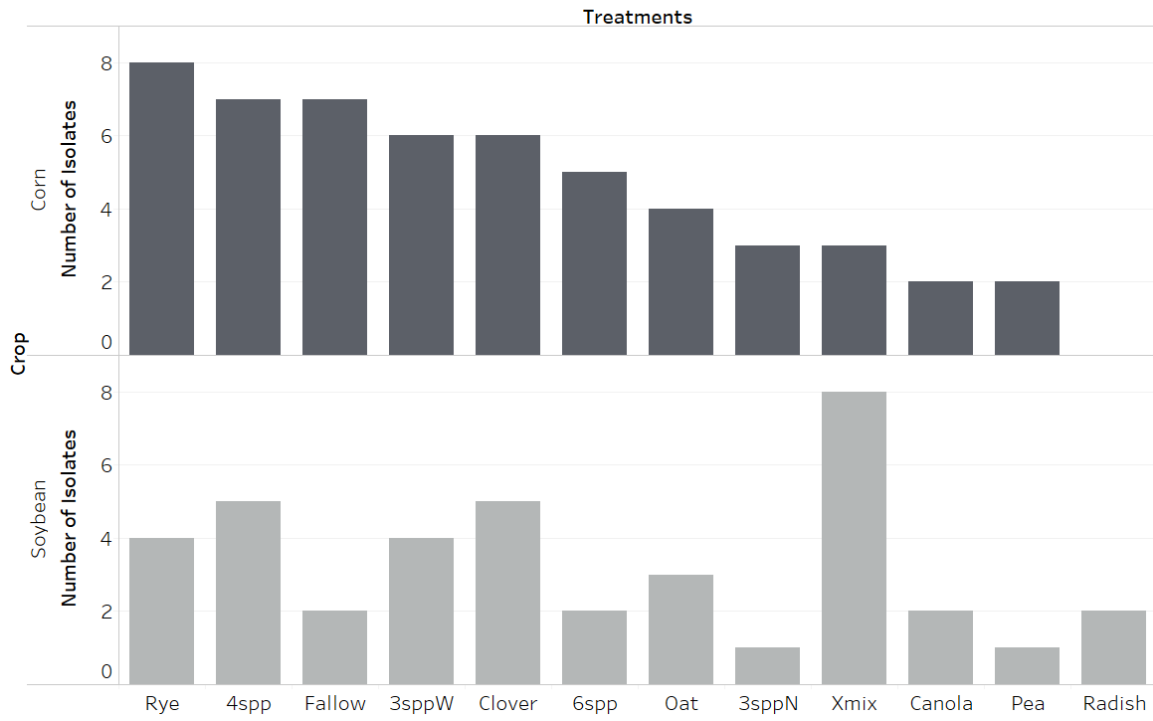


Table: Isolates in Cover Crop Treatments

Isolates	Treatments	Sample date	Crop	Source	Accession No	Genotype/strain
101	Fallow	7/17/2014	Corn	Insect	HM748301.1	<i>M. robertsii</i> HKB1-1b
102	Clover	7/17/2014	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
1104	4 spp	7/17/2014	Corn	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
1107	Clover	7/17/2014	Corn	Insect	HM748301.1	<i>M. robertsii</i> HKB1-1b
1109	Rye	7/17/2014	Corn	Insect	HM748303.1	<i>M. robertsii</i> M31-ai
710	Rye	7/17/2014	Corn	Insect	KP178555.1	<i>M. robertsii</i> SAR14-227
205 II b	6 spp	5/6/2015	Corn	Insect	KM 391925.1	<i>M. robertsii</i> KVL 12-36
209 II a	3 sppW	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i>
209 II b	3 sppW	5/6/2015	Corn	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
406 a	Rye	5/6/2015	Corn	Insect	KP178549.1	<i>M. robertsii</i> SAR 14-78
406 b	Rye	8/25/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
410 a	3 sppW	5/6/2015	Corn	Insect	HQ412792.1	<i>M. robertsii</i> IP 642
410b	3 sppW	5/6/2015	Corn	Insect	HQ412792.1	<i>M. robertsii</i> IP 642
412 I a	Clover	5/6/2015	Corn	Insect	HM748301.1	<i>M. robertsii</i> HKB1-1b
412 I b	Clover	5/6/2015	Corn	Insect	KP178543.1	<i>M. robertsii</i> SAR 14-24
401 I b	3 sppN	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
901 I b	3 sppW	5/6/2015	Corn	Insect	KM391930.1	<i>M. robertsii</i> KVL 12-46
902 I a	Oat	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
902 I b	Oat	5/6/2015	Corn	Insect	HQ412792.1	<i>M. robertsii</i> IP 642
904 I a	X mix	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
904 I b	X mix	5/6/2015	Corn	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
907 a	3 sppN	5/6/2015	Corn	Insect	KP178549.1	<i>M. robertsii</i> SAR 14-78
907 b	3 sppN	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
911 a	Canola	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685

911 b	Canola	5/6/2015	Corn	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
912 I a	4 spp	5/6/2015	Corn	Insect	KP178554.1	<i>M. robertsii</i> SAR 14-174
912 I b	4 spp	5/6/2015	Corn	Insect	KP178543.1	<i>M. robertsii</i> SAR 14-24
1202 a	6 spp	5/6/2015	Corn	Insect	KP178543.1	<i>M. robertsii</i> SAR 14-24
1202 b	6 spp	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
1205 I a	Rye	5/6/2015	Corn	Insect	KP178543.1	<i>M. robertsii</i> SAR 14-24
1205 I b	Rye	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
204 a	4 spp	5/6/2015	Corn	Soil	KP178552.1	<i>M. robertsii</i> SAR 14-160
204 b	4 spp	5/6/2015	Corn	Soil	KP 178552.1	<i>M. robertsii</i> SAR 14-160
212 a	Clover	5/6/2015	Corn	Soil	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
212 b	Clover	5/6/2015	Corn	Soil	KP178555.1	<i>M. robertsii</i> SAR 14-227
202 a	Rye	8/25/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
208 III a	Fallow	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
208 III b	Fallow	5/6/2015	Corn	Insect	HQ412792.1	<i>M. robertsii</i> IP 642
211 III a	Oat	5/6/2015	Corn	Insect	KP178554.1	<i>M. robertsii</i> SAR14-174
405 I a	Fallow	5/6/2015	Corn	Insect	HM748301.1	<i>M. robertsii</i> HKB1-1b
405 I b	Fallow	5/6/2015	Corn	Insect	KP178554.1	<i>M. robertsii</i> SAR14-174
908 I a	Pea	5/6/2015	Corn	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
1207 a	4 spp	5/6/2015	Corn	Insect	HQ412792.1	<i>M. robertsii</i> IP 642
102 a	clover	5/13/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
102 b	clover	5/13/2015	Soybean	Insect	HM 748303.1	<i>M. robertsii</i> M31-ai
107 II a	X mix	5/13/2015	Soybean	Insect	HQ412792.1	<i>M. robertsii</i> IP-642
107 II b	X mix	5/13/2015	Soybean	Insect	HQ412792.1	<i>M. robertsii</i> IP-642
109 a	Rye	5/13/2015	Soybean	Insect	HM748303.1	<i>M. robertsii</i> M31-ai
112 I a	Canola	5/13/2015	Soybean	Insect	KM391930.1	<i>M. robertsii</i> KVL 12-46
601 I a	X mix	5/13/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i>

						KVL 12-36
601 I b	X mix	5/13/2015	Soybean	Insect	KP178549.1	<i>M. robertsii</i> SAR 14-78
604 II a	Radish	5/13/2015	Soybean	Insect	KP178543.1	<i>M. robertsii</i> SAR 14-24
612 a	4 spp	5/13/2015	Soybean	Insect	HM748303.1	<i>M. robertsii</i> M31-ai
612 b	4 spp	5/13/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
706 II a	X mix	5/13/2015	Soybean	Insect	KP178555.1	<i>M. robertsii</i> SAR 14-227
706 II b	X mix	5/13/2015	Soybean	Insect	KP178555.1	<i>M. robertsii</i> SAR 14-227
1102 I a	3 sppW	5/13/2015	Soybean	Insect	HQ412792.1	<i>M. robertsii</i> IP-642
1102 I b	3 sppW	5/13/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
1107 a	Clover	5/13/2015	Soybean	Insect	HQ412792.1	<i>M. robertsii</i> IP-642
1107 b	Clover	5/13/2015	Soybean	Insect	HM748303.1	<i>M. robertsii</i> M31-ai
101	Fallow	10/7/2015	Soybean	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
102	Clover	10/7/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
103a	3 sppW	10/7/2015	Soybean	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
103b	3 sppW	10/7/2015	Soybean	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
104	6 spp	10/7/2015	Soybean	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
107	X mix	10/7/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
108	Oat	10/7/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
109	Rye	10/7/2015	Soybean	Insect	HM748303.1	<i>M. robertsii</i> M31-ai
111	4 spp	10/7/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
605	3 sppN	10/7/2015	Soybean	Insect	KM 391928.1	<i>M. robertsii</i> KVL 12-32
609	6 spp	10/7/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
610	Oat	10/7/2015	Soybean	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
612a	4 spp	10/7/2015	Soybean	Insect	HQ412792.1	<i>M. robertsii</i> IP-642
612b	4 spp	10/7/2015	Soybean	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
708	Pea	10/7/2015	Soybean	insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685

1105	X mix	10/7/2015	Soybean	Insect	KP178543.1	<i>M. robertsii</i> SAR 14-24
1109	Rye	10/7/2015	Soybean	Insect	KP178543.1	<i>M. robertsii</i> SAR 14-24
1110	Oat	10/7/2015	Soybean	Insect	KP178554.1	<i>M. robertsii</i> SAR 14-174
203	X mix	8/25/2015	Corn	Insect	HM748301.1	<i>M. robertsii</i> HKB1- 1b
205	6 spp	8/25/2015	Corn	Insect	FJ229494.1	<i>M.brunneum</i> ARSEF 8685
902	Oat	8/25/2015	Corn	Insect	FJ229494.1	<i>M.brunneum</i> ARSEF 8685
910	Rye	8/25/2015	Corn	Insect	HM 748301.1	<i>M. robertsii</i> HKB1- 1b
711	Radish	10/7/15	Soybean	Insect	KP 178543.1	<i>M. robertsii</i> SAR 14-24
410	3sppW	7/16/15	Corn	Insect	KM 391925.1	<i>M. robertsii</i> KVL 12-36
1108	Pea	10/7/15	Soybean	Insect	KP178543.1	<i>M. robertsii</i> SAR 14-24
1103	Canola	10/7/15	Soybean	Insect	FJ229494.1	<i>M. brunneum</i> ARSEF 8685
410	3 sppW	8/25/15	Corn	Insect	KM391925.1	<i>M. robertsii</i> KVL 12-36
905	6 spp	5/16/15	Corn	Insect	KM391925.1	<i>M.robertsii</i> KVL 12-36
707	Canola	10/7/15	Corn	Insect	HM748301.1	<i>M. robertsii</i> HKB1- 1b
412	Clover	10/7/15	Corn	Insect	KP178555.1	<i>M. robertsii</i> SAR 14-227
1112	Fallow	10/7/15	Soybean	Insect	KM391930.1	<i>M.robertsii</i> KVL 12-46