



BTKNILSet2
YIELD TRIAL

BTKNILset2		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33		
2017/18		soi	259	207	323	328	275	308	331	298	234	239	292	248	254	218	149	219	315	315	279	190	152	312	269	269	310	222	351	188	229	146	338			
Rep1		paragon	289	242	293	267	308	308	179	314	324	307	202	233	278	138	274	287	193	213	154	326	215	215	264	264	257	308	244	264	181	147	158	200		
			157	174	135	171	195	soi	223	178	277	205	228	paragon	156	252	317	212	293	170	227	165	206	316	soi	156	309	186	321	155	166	paragon	290			
			141	349	167	381	319	204	185	245	184	246	203	255	135	210	294	142	283	306	291	300	175	189	164	198	182	132	140	138	177	191	151			
			343	303	150	290	330	286	144	359	177	184	148	221	soi	168	201	263	281	151	282	348	350	197	285	231	337	169	244	266	soi	325	159			
			237	333	238	178	280	173	334	345	305	276	288	247	336	295	220	soi	134	172	349	194	311	301	290	323	216	180	176	258	253	346	137			
			126	318	313	soissons	129	217	153	249	214	240	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	
Rep2		soissons	126	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	
			257	soi	225	315	273	242	350	177	339	152	308	298	286	344	186	233	164	281	171	193	175	287	soi	311	254	307	256	216	253	316	240	299	317	
			213	179	247	321	soi	338	128	170	328	229	237	239	228	148	paragon	158	333	320	205	300	323	332	332	135	218	197	224	167	165	134	198	156		
			345	169	paragon	249	214	141	170	328	229	237	239	228	148	paragon	158	146	292	324	323	324	332	332	135	218	197	224	167	165	134	198	156			
			277	219	202	346	314	227	209	313	180	326	soi	291	246	soi	144	244	283	196	208	137	133	275	258	343	151	139	294	207	soi	248	234	322		
			325	149	245	182	215	185	310	274	192	264	136	222	267	223	312	172	soi	285	206	130	187	paragon	194	195	188	183	240	174	184	132	248	234	322	
Rep3		soissons	238	263	178	soissons	309	301	211	266	325	166	130	348	351	278	157	201	270	293	327	324	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons	soissons
			350	134	soi	192	336	333	275	219	257	299	204	205	213	222	147	348	189	344	146	209	soi	212	282	soi	339	195	298	173	294	paragon	237	208	308	
			329	139	301	322	174	soi	135	310	233	150	192	133	309	148	253	287	280	289	311	176	281	164	220	354	130	168	soi	313	223	343	538	186	127	
			306	305	224	256	182	129	284	345	246	307	269	141	303	285	187	300	138	314	214	250	231	318	206	218	244	295	166	316	234	266	283	283		
			155	210	278	209	322	328	184	246	307	156	247	soi	332	144	325	330	229	274	175	152	201	264	254	132	216	317	351	188	191	277	165	soi	258	
			256	270	154	soi	331	221	326	255	196	337	190	185	158	241	soi	194	169	211	288	228	238	198	183	137	276	197	245	paragon	279	242	249	297	258	
BTKNILset2			207	315	286	273	151	193	292	171	180	170	203	149	142	267	240	319	273	soi	324	263	157	126	312	paragon	227	172	128	179	153	239	167	252	paragon	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
Run 4 drilled wrong way so 7/3 this end																																				
Correct																																				
Need to check direction runs 28-3																																				
281 drilled as packet split																																				
28 seeds split over this plot																																				



DFW Toolkit H2018					
Yield Trial - Coppers					
Seed Production - Salihs					
Toolkit number	Name	Bi parental genotype	Selection ID	Allele	Chromosome / Trait
126	PW034-12-13-10-Q1AHT-P	PW34-12-13	10	Paragon	1A HT
127	PW034-12-13-21-Q1AHT-W	PW34-12-13	21	Watkins	1A HT
128	PW034-63-2-13-Q4AGFP-P	PW34-63-2	13	Paragon	4A GFP
129	PW034-63-2-15-Q4AGFP-W	PW34-63-2	15	Watkins	4A GFP
130	PW034-66-6-4-Q7ALODG-P	PW34-66-6	4	Paragon	7A LODG
131	PW034-66-6-8-Q7ALODG-P	PW34-66-6	8	Paragon	7A LODG
132	PW034-66-6-9-Q7ALODG-P	PW34-66-6	9	Paragon	7A LODG
133	PW034-66-6-14-Q7ALODG-P	PW34-66-6	14	Paragon	7A LODG
134	PW034-66-6-20-Q7ALODG-P	PW34-66-6	20	Paragon	7A LODG
135	PW034-66-6-3-Q7ALODG-W	PW34-66-6	3	Watkins	7A LODG
136	PW034-66-6-10-Q7ALODG-W	PW34-66-6	10	Watkins	7A LODG
137	PW034-66-6-19-Q7ALODG-W	PW34-66-6	19	Watkins	7A LODG
138	PW034-66-6-22-Q7ALODG-W	PW34-66-6	22	Watkins	7A LODG
139	PW141-21-3-10-Q2AGFP-P	PW141-21-3	10	Paragon	2A GFP
140	PW141-21-3-11-Q2AGFP-P	PW141-21-3	11	Paragon	2A GFP
141	PW141-21-3-3-Q2AGFP-W	PW141-21-3	3	Watkins	2A GFP
142	PW141-21-3-4-Q2AGFP-W	PW141-21-3	4	Watkins	2A GFP
143	PW141-31-2-5-Q3BMATU-P	PW141-31-2	5	Paragon	3B MATU
144	PW141-31-2-6-Q3BMATU-P	PW141-31-2	6	Paragon	3B MATU
145	PW141-31-2-9-Q3BMATU-P	PW141-31-2	9	Paragon	3B MATU
146	PW141-31-2-14-Q3BMATU-P	PW141-31-2	14	Paragon	3B MATU
147	PW141-31-2-15-Q3BMATU-P	PW141-31-2	15	Paragon	3B MATU
148	PW141-31-2-21-Q3BMATU-P	PW141-31-2	21	Paragon	3B MATU
149	PW141-31-2-4-Q3BMATU-W	PW141-31-2	4	Watkins	3B MATU
150	PW141-31-2-12-Q3BMATU-W	PW141-31-2	12	Watkins	3B MATU
151	PW141-36-3-19-Q7ADTMA-P	PW141-36-3	19	Paragon	7A DTMA
152	PW141-36-3-14-Q7ADTMA-W	PW141-36-3	14	Watkins	7A DTMA
153	PW141-36-10-3-Q7ADTMA-P	PW141-36-10	3	Paragon	7A DTMA
154	PW141-36-10-13-Q7ADTMA-P	PW141-36-10	13	Paragon	7A DTMA
155	PW141-36-10-22-Q7ADTMA-P	PW141-36-10	22	Paragon	7A DTMA
156	PW141-36-10-1-Q7ADTMA-W	PW141-36-10	1	Watkins	7A DTMA
157	PW141-36-10-4-Q7ADTMA-W	PW141-36-10	4	Watkins	7A DTMA
158	PW141-41-2-21-Q5BNDVI-P	PW141-41-2	21	Paragon	5B NDVI
159	PW141-41-2-2-Q5BNDVI-W	PW141-41-2	2	Watkins	5B NDVI
160	PW141-41-2-4-Q5BNDVI-W	PW141-41-2	4	Watkins	5B NDVI
161	PW141-41-2-10-Q5BNDVI-W	PW141-41-2	10	Watkins	5B NDVI
162	PW141-41-2-11-Q5BNDVI-W	PW141-41-2	11	Watkins	5B NDVI
163	PW141-41-2-12-Q5BNDVI-W	PW141-41-2	12	Watkins	5B NDVI
164	PW141-41-2-13-Q5BNDVI-W	PW141-41-2	13	Watkins	5B NDVI
165	PW141-41-2-14-Q5BNDVI-W	PW141-41-2	14	Watkins	5B NDVI
166	PW141-41-2-17-Q5BNDVI-W	PW141-41-2	17	Watkins	5B NDVI
167	PW141-41-2-20-Q5BNDVI-W	PW141-41-2	20	Watkins	5B NDVI
168	PW141-58-7-20-Q7DAGDM-P	PW141-58-7	20	Paragon	7D AGDM
169	PW141-58-7-10-Q7DAGDM-W	PW141-58-7	10	Watkins	7D AGDM
170	PW141-58-7-7-Q7DAGDM-W	PW141-58-7	7	Watkins	7D AGDM
171	PW141-80-3-9-Q5AMATU-P	PW141-80-3	9	Paragon	5A MATU
172	PW141-80-3-21-Q5AMATU-P	PW141-80-3	21	Paragon	5A MATU
173	PW141-80-3-6-Q5AMATU-W	PW141-80-3	6	Watkins	5A MATU
174	PW141-80-3-16-Q5AMATU-W	PW141-80-3	16	Watkins	5A MATU
175	PW292-9-5-7-Q4BGFPTT-P	PW292-9-5	7	Paragon	4B GFPTT
176	PW292-9-5-14-Q4BGFPTT-P	PW292-9-5	14	Paragon	4B GFPTT
177	PW292-9-5-15-Q4BGFPTT-P	PW292-9-5	15	Paragon	4B GFPTT
178	PW292-9-5-18-Q4BGFPTT-P	PW292-9-5	18	Paragon	4B GFPTT
179	PW292-9-5-6-Q4BGFPTT-W	PW292-9-5	6	Watkins	4B GFPTT
180	PW292-9-5-8-Q4BGFPTT-W	PW292-9-5	8	Watkins	4B GFPTT
181	PW292-9-5-10-Q4BGFPTT-W	PW292-9-5	10	Watkins	4B GFPTT
182	PW292-20-1-18-Q7AADTT-P	PW292-20-1	18	Paragon	7A ADTT
183	PW292-20-1-1-Q7AADTT-W	PW292-20-1	1	Watkins	7A ADTT
184	PW292-20-1-4-Q7AADTT-W	PW292-20-1	4	Watkins	7A ADTT
185	PW292-22-9-16-Q3ACOMSTR-P	PW292-22-9	16	Paragon	3A COMSTR
186	PW292-22-9-19-Q3ACOMSTR-P	PW292-22-9	19	Paragon	3A COMSTR
187	PW292-22-9-1-Q3ACOMSTR-W	PW292-22-9	1	Watkins	3A COMSTR
188	PW292-22-9-7-Q3ACOMSTR-W	PW292-22-9	7	Watkins	3A COMSTR
189	PW292-22-9-8-Q3ACOMSTR-W	PW292-22-9	8	Watkins	3A COMSTR
190	PW292-25-6-1-Q2AMATU-P	PW292-25-6	1	Paragon	2A MATU
191	PW292-25-6-18-Q2AMATU-P	PW292-25-6	18	Paragon	2A MATU
192	PW292-25-6-3-Q2AMATU-W	PW292-25-6	3	Watkins	2A MATU
193	PW292-25-6-13-Q2AMATU-W	PW292-25-6	13	Watkins	2A MATU
194	PW292-67-1-7-Q3BMATU-P	PW292-67-1	7	Paragon	3B MATU
195	PW292-67-1-1-Q3BMATU-W	PW292-67-1	1	Watkins	3B MATU
196	PW292-67-1-3-Q3BMATU-W	PW292-67-1	3	Watkins	3B MATU
197	PW292-67-1-11-Q3BMATU-W	PW292-67-1	11	Watkins	3B MATU

198	PW292-67-1-14-Q3BMATU-W	PW292-67-1	14	Watkins	3B MATU
199	PW292-67-1-16-Q3BMATU-W	PW292-67-1	16	Watkins	3B MATU
200	PW292-67-1-18-Q3BMATU-W	PW292-67-1	18	Watkins	3B MATU
201	PW292-69-4-10-Q6BDTAD-P	PW292-69-4	10	Paragon	6B DTAD
202	PW292-69-4-6-Q6BDTAD-W	PW292-69-4	6	Watkins	6B DTAD
203	PW292-69-4-14-Q6BDTAD-W	PW292-69-4	14	Watkins	6B DTAD
204	PW292-69-4-19-Q6BDTAD-W	PW292-69-4	19	Watkins	6B DTAD
205	PW292-93-7-8-Q1BMATU-P	PW292-93-7	8	Paragon	1B MATU
206	PW292-93-7-11-Q1BMATU-P	PW292-93-7	11	Paragon	1B MATU
207	PW292-93-7-16-Q1BMATU-P	PW292-93-7	16	Paragon	1B MATU
208	PW292-93-7-17-Q1BMATU-P	PW292-93-7	17	Paragon	1B MATU
209	PW292-93-7-13-Q1BMATU-W	PW292-93-7	13	Watkins	1B MATU
210	PW352-3-7-9-Q2DMATU-P	PW352-3-7	9	Paragon	2D MATU
211	PW352-3-7-16-Q2DMATU-P	PW352-3-7	16	Paragon	2D MATU
212	PW352-3-7-19-Q2DMATU-P	PW352-3-7	19	Paragon	2D MATU
213	PW352-3-7-3-Q2DMATU-W	PW352-3-7	3	Watkins	2D MATU
214	PW352-3-7-6-Q2DMATU-W	PW352-3-7	6	Watkins	2D MATU
215	PW352-3-7-21-Q2DMATU-W	PW352-3-7	21	Watkins	2D MATU
216	PW352-5-1-10-Q1BGRYLD-P	PW352-5-1	10	Paragon	1B GRYLD
217	PW352-5-1-13-Q1BGRYLD-W	PW352-5-1	13	Watkins	1B GRYLD
218	PW352-5-1-16-Q1BGRYLD-W	PW352-5-1	16	Watkins	1B GRYLD
219	PW352-23-1-5-Q1AMATU-P	PW352-23-1	5	Paragon	1A MATU
220	PW352-23-1-7-Q1AMATU-P	PW352-23-1	7	Paragon	1A MATU
221	PW352-23-1-21-Q1AMATU-P	PW352-23-1	21	Paragon	1A MATU
222	PW352-23-1-1-Q1AMATU-W	PW352-23-1	1	Watkins	1A MATU
223	PW352-23-1-2-Q1AMATU-W	PW352-23-1	2	Watkins	1A MATU
224	PW352-23-1-6-Q1AMATU-W	PW352-23-1	6	Watkins	1A MATU
225	PW352-23-1-9-Q1AMATU-W	PW352-23-1	9	Watkins	1A MATU
226	PW352-23-1-11-Q1AMATU-W	PW352-23-1	11	Watkins	1A MATU
227	PW352-23-3-6-Q4BMATU-P	PW352-23-3	6	Paragon	4B MATU
228	PW352-23-3-9-Q4BMATU-P	PW352-23-3	9	Paragon	4B MATU
229	PW352-23-3-16-Q4BMATU-P	PW352-23-3	16	Paragon	4B MATU
230	PW352-23-3-18-Q4BMATU-P	PW352-23-3	18	Paragon	4B MATU
231	PW352-23-3-19-Q4BMATU-P	PW352-23-3	19	Paragon	4B MATU
232	PW352-23-3-21-Q4BMATU-P	PW352-23-3	21	Paragon	4B MATU
233	PW352-23-3-4-Q4BMATU-W	PW352-23-3	4	Watkins	4B MATU
234	PW352-23-3-8-Q4BMATU-W	PW352-23-3	8	Watkins	4B MATU
235	PW352-23-4-2-Q1ANDVI-P	PW352-23-4	2	Paragon	1A NDVI
236	PW352-23-4-3-Q1ANDVI-P	PW352-23-4	3	Paragon	1A NDVI
237	PW352-23-4-14-Q1ANDVI-P	PW352-23-4	14	Paragon	1A NDVI
238	PW352-23-4-17-Q1ANDVI-P	PW352-23-4	17	Paragon	1A NDVI
239	PW352-23-4-18-Q1ANDVI-P	PW352-23-4	18	Paragon	1A NDVI
240	PW352-23-4-20-Q1ANDVI-P	PW352-23-4	20	Paragon	1A NDVI
241	PW352-23-4-6-Q1ANDVI-W	PW352-23-4	6	Watkins	1A NDVI
242	PW352-23-4-7-Q1ANDVI-W	PW352-23-4	7	Watkins	1A NDVI
243	PW352-23-1-13-Q1AMATU-W	PW352-23-1	13	Watkins	1A MATU
244	PW352-26-2-8-Q5DMATU-P	PW352-26-2	8	Paragon	5D MATU
245	PW352-26-2-10-Q5DMATU-P	PW352-26-2	10	Paragon	5D MATU
246	PW352-26-2-19-Q5DMATU-P	PW352-26-2	19	Paragon	5D MATU
247	PW352-26-2-2-Q5DMATU-W	PW352-26-2	2	Watkins	5D MATU
248	PW352-26-2-15-Q5DMATU-W	PW352-26-2	15	Watkins	5D MATU
249	PW352-26-2-21-Q5DMATU-W	PW352-26-2	21	Watkins	5D MATU
250	PW352-26-4-10-Q2AGFR-P	PW352-26-4	10	Paragon	2A GFR
251	PW352-26-4-13-Q2AGFR-P	PW352-26-4	13	Paragon	2A GFR
252	PW352-26-4-17-Q2AGFR-P	PW352-26-4	17	Paragon	2A GFR
253	PW352-26-4-19-Q2AGFR-P	PW352-26-4	19	Paragon	2A GFR
254	PW352-26-4-20-Q2AGFR-P	PW352-26-4	20	Paragon	2A GFR
255	PW352-26-4-2-Q2AGFR-W	PW352-26-4	2	Watkins	2A GFR
256	PW352-26-4-3-Q2AGFR-W	PW352-26-4	3	Watkins	2A GFR
257	PW352-26-4-4-Q2AGFR-W	PW352-26-4	4	Watkins	2A GFR
258	PW352-26-4-14-Q2AGFR-W	PW352-26-4	14	Watkins	2A GFR
259	PW352-26-4-15-Q2AGFR-W	PW352-26-4	15	Watkins	2A GFR
260	PW352-26-4-18-Q2AGFR-W	PW352-26-4	18	Watkins	2A GFR
261	PW352-26-4-21-Q2AGFR-W	PW352-26-4	21	Watkins	2A GFR
262	PW352-26-4-22-Q2AGFR-W	PW352-26-4	22	Watkins	2A GFR
263	PW352-26-5-1-Q2ADTMA-P	PW352-26-5	1	Paragon	2A DTMA
264	PW352-26-5-11-Q2ADTMA-P	PW352-26-5	11	Paragon	2A DTMA
265	PW352-26-5-2-Q2ADTMA-W	PW352-26-5	2	Watkins	2A DTMA
266	PW352-26-5-8-Q2ADTMA-W	PW352-26-5	8	Watkins	2A DTMA
267	PW352-26-5-10-Q2ADTMA-W	PW352-26-5	10	Watkins	2A DTMA
268	PW352-26-5-17-Q2ADTMA-W	PW352-26-5	17	Watkins	2A DTMA
269	PW352-26-5-19-Q2ADTMA-W	PW352-26-5	19	Watkins	2A DTMA
270	PW352-26-5-20-Q2ADTMA-W	PW352-26-5	20	Watkins	2A DTMA
271	PW352-26-5-21-Q2ADTMA-W	PW352-26-5	21	Watkins	2A DTMA
272	PW352-26-5-22-Q2ADTMA-W	PW352-26-5	22	Watkins	2A DTMA
273	PW468-10-1-2-Q2ANDVI-P	PW468-10-1	2	Paragon	2A NDVI
274	PW468-10-1-21-Q2ANDVI-P	PW468-10-1	21	Paragon	2A NDVI

275	PW468-10-1-5-Q2ANDVI-W	PW468-10-1	5	Watkins	2A NDVI
276	PW468-10-1-17-Q2ANDVI-W	PW468-10-1	17	Watkins	2A NDVI
277	PW468-12-2-2-Q1AMATU-P	PW468-12-2	2	Paragon	1A MATU
278	PW468-12-2-9-Q1AMATU-P	PW468-12-2	9	Paragon	1A MATU
279	PW468-12-2-15-Q1AMATU-P	PW468-12-2	15	Paragon	1A MATU
280	PW468-12-2-19-Q1AMATU-P	PW468-12-2	19	Paragon	1A MATU
281	PW468-12-2-18-Q1AMATU-W	PW468-12-2	18	Watkins	1A MATU
282	PW468-12-4-2-Q1ALODG-P	PW468-12-4	2	Paragon	1A LODG
283	PW468-12-4-5-Q1ALODG-P	PW468-12-4	5	Paragon	1A LODG
284	PW468-12-4-9-Q1ALODG-P	PW468-12-4	9	Paragon	1A LODG
285	PW468-12-4-16-Q1ALODG-P	PW468-12-4	16	Paragon	1A LODG
286	PW468-12-4-8-Q1ALODG-W	PW468-12-4	8	Watkins	1A LODG
287	PW468-12-4-19-Q1ALODG-W	PW468-12-4	19	Watkins	1A LODG
288	PW468-21-2-7-Q2DDTAD-P	PW468-21-2	7	Paragon	2D DTAD
289	PW468-21-2-10-Q2DDTAD-P	PW468-21-2	10	Paragon	2D DTAD
290	PW468-21-2-14-Q2DDTAD-P	PW468-21-2	14	Paragon	2D DTAD
291	PW468-21-2-22-Q2DDTAD-P	PW468-21-2	22	Paragon	2D DTAD
292	PW468-21-2-1-Q2DDTAD-W	PW468-21-2	1	Watkins	2D DTAD
293	PW468-21-2-11-Q2DDTAD-W	PW468-21-2	11	Watkins	2D DTAD
294	PW468-21-2-12-Q2DDTAD-W	PW468-21-2	12	Watkins	2D DTAD
295	PW468-21-2-15-Q2DDTAD-W	PW468-21-2	15	Watkins	2D DTAD
296	PW468-77-3-3-Q7BAGDM-P	PW468-77-3	3	Paragon	7B AGDM
297	PW468-77-3-9-Q7BAGDM-P	PW468-77-3	9	Paragon	7B AGDM
298	PW468-77-3-16-Q7BAGDM-P	PW468-77-3	16	Paragon	7B AGDM
299	PW468-77-3-20-Q7BAGDM-P	PW468-77-3	20	Paragon	7B AGDM
300	PW468-77-3-10-Q7BAGDM-W	PW468-77-3	10	Watkins	7B AGDM
301	PW468-77-3-11-Q7BAGDM-W	PW468-77-3	11	Watkins	7B AGDM
302	PW468-77-3-13-Q7BAGDM-W	PW468-77-3	13	Watkins	7B AGDM
303	PW468-77-3-14-Q7BAGDM-W	PW468-77-3	14	Watkins	7B AGDM
304	PW468-77-3-17-Q7BAGDM-W	PW468-77-3	17	Watkins	7B AGDM
305	PW468-77-3-19-Q7BAGDM-W	PW468-77-3	19	Watkins	7B AGDM
306	PW468-84-1-15-Q2BMATU-P	PW468-84-1	15	Paragon	2B MATU
307	PW468-84-1-1-Q2BMATU-W	PW468-84-1	1	Watkins	2B MATU
308	PW468-84-1-16-Q5DMATU-P	PW468-84-1	16	Paragon	5D MATU
309	PW468-84-1-17-Q5DMATU-P	PW468-84-1	17	Paragon	5D MATU
310	PW468-84-1-14-Q5DMATU-W	PW468-84-1	14	Watkins	5D MATU
311	PW468-84-1-22-Q5DMATU-W	PW468-84-1	22	Watkins	5D MATU
312	PW468-84-4-4-Q5ACOMGRWT-P	PW468-84-4	4	Paragon	5A COMGRWT
313	PW468-84-4-12-Q5ACOMGRWT-P	PW468-84-4	12	Paragon	5A COMGRWT
314	PW468-84-4-1-Q5ACOMGRWT-W	PW468-84-4	1	Watkins	5A COMGRWT
315	PW468-84-4-6-Q5ANDRE-P	PW468-84-4	6	Paragon	5A NDRE
316	PW468-84-4-7-Q5ANDRE-P	PW468-84-4	7	Paragon	5A NDRE
317	PW468-84-4-8-Q5ANDRE-P	PW468-84-4	8	Paragon	5A NDRE
318	PW468-84-4-2-Q5ANDRE-W	PW468-84-4	2	Watkins	5A NDRE
319	PW468-84-4-5-Q5ANDRE-W	PW468-84-4	5	Watkins	5A NDRE
320	PW468-84-4-22-Q5ANDRE-W	PW468-84-4	22	Watkins	5A NDRE
321	PW729-36-4-4-Q2BMILDS-P	PW729-36-4	4	Paragon	2B MILDS
322	PW729-36-4-7-Q2BMILDS-P	PW729-36-4	7	Paragon	2B MILDS
323	PW729-36-4-16-Q2BMILDS-P	PW729-36-4	16	Paragon	2B MILDS
324	PW729-36-6-22-Q-2BMILDS-P	PW729-36-6	22	Paragon	2B MILDS
325	PW729-36-4-2-Q2BMILDS-W	PW729-36-4	2	Watkins	2B MILDS
326	PW729-36-4-5-Q2BMILDS-W	PW729-36-4	5	Watkins	2B MILDS
327	PW729-36-4-8-Q2BMILDS-W	PW729-36-4	8	Watkins	2B MILDS
328	PW729-36-4-11-Q2BMILDS-W	PW729-36-4	11	Watkins	2B MILDS
329	PW729-36-4-19-Q2BMILDS-W	PW729-36-4	19	Watkins	2B MILDS
330	PW729-36-6-8-Q2BMILDS-P	PW729-36-6	8	Paragon	2B MILDS
331	PW729-36-6-7-Q2BMILDS-W	PW729-36-6	7	Watkins	2B MILDS
332	PW729-36-6-9-Q2BMILDS-W	PW729-36-6	9	Watkins	2B MILDS
333	PW729-55-3-6-Q6BAGDM-P	PW729-55-3	6	Paragon	6B AGDM
334	PW729-55-3-8-Q6BAGDM-P	PW729-55-3	8	Paragon	6B AGDM
335	PW729-55-3-12-Q6BAGDM-P	PW729-55-3	12	Paragon	6B AGDM
336	PW729-55-3-13-Q6BAGDM-P	PW729-55-3	13	Paragon	6B AGDM
337	PW729-55-3-15-Q6BAGDM-P	PW729-55-3	15	Paragon	6B AGDM
338	PW729-55-3-1-Q6BAGDM-W	PW729-55-3	1	Watkins	6B AGDM
339	PW729-55-3-21-Q6BAGDM-W	PW729-55-3	21	Watkins	6B AGDM
340	PW352-23-1-12-Q1AMATU-W	PW352-23-1	12	Watkins	1A MATU
341	PW352-23-3-2-Q4BMATU-P	PW352-23-3	2	Paragon	4B MATU
342	PW352-23-3-3-Q4BMATU-P	PW352-23-3	3	Paragon	4B MATU
343	PW729-55-5-15-Q4AMATU-P	PW729-55-5	15	Paragon	4A MATU
344	PW729-55-5-19-Q4AMATU-P	PW729-55-5	19	Paragon	4A MATU
345	PW729-55-5-6-Q4AMATU-W	PW729-55-5	6	Watkins	4A MATU
346	PW729-55-5-7-Q4AMATU-W	PW729-55-5	7	Watkins	4A MATU
347	PW729-55-5-11-Q4AMATU-W	PW729-55-5	11	Watkins	4A MATU
348	PW729-55-5-12-Q4AMATU-W	PW729-55-5	12	Watkins	4A MATU
349	PW729-55-5-20-Q4AMATU-W	PW729-55-5	20	Watkins	4A MATU
350	PMUT-BC4-3-TaGW2-A1-Paragon	PMBC4-GW2	3	Paragon	6A-TaGW2-A1
351	PMUT-BC4-4-Tagw2-A1-Mutant	PMBC4-GW2	4	Mutant	6A-TaGW2-A1