

Overview of Radimax potato 2022

Four repetitions of 43 breeder lines from Danespo were randomized within each bed, with several repeated lines (Mikado, Ballerina and Senna) across the facility. The KU part of the bed included 7 genotypes replicated 4 times, randomised in 2 blocks within each bed. Each line had 32 tubers and the crop was quite well established and no major damage from pest or disease was observed during the season.

Management:

- Fertilization with NPK 21-03-10 with 733 kg per ha (154 kg N per ha) and with Svolsur Kali (41 %K) 200 kg per ha (82 kg K) on 27th April 2022
- Potato planted on the 4–5th May 2022
- Manual weeding on the 6th of May 2022
- Spraying fungicide (Revus) on the 15th June 2022
- Spraying fungicide with Propulse SE, Zorvic, Azuleo on the 11th July 2022

Root imaging:

- Imaging 1 – 23-26th June 2022
- Imaging 2 – 24-25th July 2022
- Imaging 3 – 23-25th August 2022 (only KU lines)
- Imaging 3 – 25-29th August 2022 (only KU lines)

Isotope injection – 25th July 2022

¹⁵N and deuterium injected in sub-irrigation tubes 4+5, corresponding to 115 and 128 cm of soil depth, on both sides of each bed, while most of the potato varieties were flowering. Control samples (tubers) were taken from both beds before isotope injection– to be analyzed for ¹⁵N and ¹³C. The highest (the youngest) leaflet was taken from each line (both from wet and dry area) to be analyzed for ¹³C discrimination.

Harvest – 24-25th August 2022

- Two plants right above irrigation lines used for isotope injection on both sides of the bed – all tubers of these two plants were harvested.
- Non-labelled sample of KU lines – all tubers from wet and from dry area were harvested.
- Non-labelled samples of breeder lines – all tubers from wet and from dry area were harvested.

Post-harvest

All samples were weighted fresh and subsampled. Representative subsamples were weighted and dried and weighted after drying. Dried samples were milled, and will be analysed for ¹³C and ¹⁵N. Labelled samples from above injection area (KU + breeder lines) will be additionally analysed for deuterium.

Data available

- Root length data for 2 imaging dates for all tubes – clean data with false positives removed as much as possible. A large number of traits have been calculated for measuring deep root length – including for each month: TRD_5 (soil threshold below which 5cm roots are found), TRD_2, TRDcomb, MRD and more, as a measure of deep roots.
- Labelled samples - tuber weight, DM
- Non-labelled samples, KU lines - tuber weight, DM
- Breeder lines labelled samples – tuber weight, DM
- Breeder lines non-labelled samples – Breeders took with them post- harvest.

Data planned (hopefully early 2023)

- Third imaging root data (from August)
- Labelled samples (both KU and breeder lines) - tubers 15N, total N, 13C, total C, deuterium
- KU lines non-labelled samples - tubers 15N, total N, 13C, total C; leaflet 13C and 15N content.
- Breeder lines non-labelled samples leaflet 13C and 15N content
- Control samples at injection point- 15N + 13C

Appendiks

Sample	tube	bin	bed	RadiMaxID	line	block	x	year
1	301	1	3	KU	Aventra		2 3011	2022
2	301	2	3	KU	Aventra		2 3012	2022
3	301	3	3	KU	Aventra		2 3013	2022
4	301	4	3	KU	Aventra		2 3014	2022
5	303	1	3	KU	Argana		2 3031	2022
6	303	2	3	KU	Argana		2 3032	2022
7	303	3	3	KU	Argana		2 3033	2022
8	303	4	3	KU	Argana		2 3034	2022
9	305	1	3	KU	Mikado		2 3051	2022
10	305	2	3	KU	Mikado		2 3052	2022
11	305	3	3	KU	Mikado		2 3053	2022
12	305	4	3	KU	Mikado		2 3054	2022
13	307	1	3	KU	Desiree		2 3071	2022
14	307	2	3	KU	Desiree		2 3072	2022
15	307	3	3	KU	Desiree		2 3073	2022
16	307	4	3	KU	Desiree		2 3074	2022
17	309	1	3	KU	Frig		2 3091	2022
18	309	2	3	KU	Frig		2 3092	2022
19	309	3	3	KU	Frig		2 3093	2022
20	309	4	3	KU	Frig		2 3094	2022
21	311	1	3	KU	Belmira		2 3111	2022
22	311	2	3	KU	Belmira		2 3112	2022
23	311	3	3	KU	Belmira		2 3113	2022
24	311	4	3	KU	Belmira		2 3114	2022
25	313	1	3	KU	Ydun		2 3131	2022
26	313	2	3	KU	Ydun		2 3132	2022
27	313	3	3	KU	Ydun		2 3133	2022

28	313	4	3	KU	Ydun	2	3134	2022
29	315	1	3	KU	Belmira	1	3151	2022
30	315	2	3	KU	Belmira	1	3152	2022
31	315	3	3	KU	Belmira	1	3153	2022
32	315	4	3	KU	Belmira	1	3154	2022
33	317	1	3	KU	Argana	1	3171	2022
34	317	2	3	KU	Argana	1	3172	2022
35	317	3	3	KU	Argana	1	3173	2022
36	317	4	3	KU	Argana	1	3174	2022
37	319	1	3	KU	Mikado	1	3191	2022
38	319	2	3	KU	Mikado	1	3192	2022
39	319	3	3	KU	Mikado	1	3193	2022
40	319	4	3	KU	Mikado	1	3194	2022
41	321	1	3	KU	Aventra	1	3211	2022
42	321	2	3	KU	Aventra	1	3212	2022
43	321	3	3	KU	Aventra	1	3213	2022
44	321	4	3	KU	Aventra	1	3214	2022
45	323	1	3	KU	Frig	1	3231	2022
46	323	2	3	KU	Frig	1	3232	2022
47	323	3	3	KU	Frig	1	3233	2022
48	323	4	3	KU	Frig	1	3234	2022
49	325	1	3	KU	Ydun	1	3251	2022
50	325	2	3	KU	Ydun	1	3252	2022
51	325	3	3	KU	Ydun	1	3253	2022
52	325	4	3	KU	Ydun	1	3254	2022
53	327	1	3	KU	Desiree	1	3271	2022
54	327	2	3	KU	Desiree	1	3272	2022
55	327	3	3	KU	Desiree	1	3273	2022
56	327	4	3	KU	Desiree	1	3274	2022
57	332	1	3	Breeder	Belmira	5	3321	2022
58	332	2	3	Breeder	Belmira	5	3322	2022
59	332	3	3	Breeder	Belmira	5	3323	2022
60	332	4	3	Breeder	Belmira	5	3324	2022
61	334	1	3	Breeder	Senna	5	3341	2022
62	334	2	3	Breeder	Senna	5	3342	2022
63	334	3	3	Breeder	Senna	5	3343	2022
64	334	4	3	Breeder	Senna	5	3344	2022
65	336	1	3	Breeder	15-NOS-4	5	3361	2022
66	336	2	3	Breeder	15-NOS-5	5	3362	2022
67	336	3	3	Breeder	15-NOS-6	5	3363	2022
68	336	4	3	Breeder	15-NOS-7	5	3364	2022
69	338	1	3	Breeder	Folva	5	3381	2022
70	338	2	3	Breeder	Folva	5	3382	2022
71	338	3	3	Breeder	Folva	5	3383	2022
72	338	4	3	Breeder	Folva	5	3384	2022

73	340	1	3	Breeder	15-NGY-1	5	3401	2022
74	340	2	3	Breeder	15-NGY-2	5	3402	2022
75	340	3	3	Breeder	15-NGY-3	5	3403	2022
76	340	4	3	Breeder	15-NGY-4	5	3404	2022
77	342	1	3	Breeder	Tokai	5	3421	2022
78	342	2	3	Breeder	Tokai	5	3422	2022
79	342	3	3	Breeder	Tokai	5	3423	2022
80	342	4	3	Breeder	Tokai	5	3424	2022
81	344	1	3	Breeder	Mikado	5	3441	2022
82	344	2	3	Breeder	Mikado	5	3442	2022
83	344	3	3	Breeder	Mikado	5	3443	2022
84	344	4	3	Breeder	Mikado	5	3444	2022
85	346	1	3	Breeder	Mikado	5	3461	2022
86	346	2	3	Breeder	Mikado	5	3462	2022
87	346	3	3	Breeder	Mikado	5	3463	2022
88	346	4	3	Breeder	Mikado	5	3464	2022
89	348	1	3	Breeder	Astra	5	3481	2022
90	348	2	3	Breeder	Astra	5	3482	2022
91	348	3	3	Breeder	Astra	5	3483	2022
92	348	4	3	Breeder	Astra	5	3484	2022
93	350	1	3	Breeder	Darling	5	3501	2022
94	350	2	3	Breeder	Darling	5	3502	2022
95	350	3	3	Breeder	Darling	5	3503	2022
96	350	4	3	Breeder	Darling	5	3504	2022
97	352	1	3	Breeder	Senna	5	3521	2022
98	352	2	3	Breeder	Senna	5	3522	2022
99	352	3	3	Breeder	Senna	5	3523	2022
100	352	4	3	Breeder	Senna	5	3524	2022
101	354	1	3	Breeder	164223	5	3541	2022
102	354	2	3	Breeder	164223	5	3542	2022
103	354	3	3	Breeder	164223	5	3543	2022
104	354	4	3	Breeder	164223	5	3544	2022
105	356	1	3	Breeder	Belmira	5	3561	2022
106	356	2	3	Breeder	Belmira	5	3562	2022
107	356	3	3	Breeder	Belmira	5	3563	2022
108	356	4	3	Breeder	Belmira	5	3564	2022
109	358	1	3	Breeder	Sarpo Mira	5	3581	2022
110	358	2	3	Breeder	Sarpo Mira	5	3582	2022
111	358	3	3	Breeder	Sarpo Mira	5	3583	2022
112	358	4	3	Breeder	Sarpo Mira	5	3584	2022
113	360	1	3	Breeder	Falcon	5	3601	2022
114	360	2	3	Breeder	Falcon	5	3602	2022
115	360	3	3	Breeder	Falcon	5	3603	2022

116	360	4	3	Breeder	Falcon	5	3604	2022
117	362	1	3	Breeder	Ballerina	5	3621	2022
118	362	2	3	Breeder	Ballerina	5	3622	2022
119	362	3	3	Breeder	Ballerina	5	3623	2022
120	362	4	3	Breeder	Ballerina	5	3624	2022
121	364	1	3	Breeder	Melody	5	3641	2022
122	364	2	3	Breeder	Melody	5	3642	2022
123	364	3	3	Breeder	Melody	5	3643	2022
124	364	4	3	Breeder	Melody	5	3644	2022
125	366	1	3	Breeder	15-NOU-4	5	3661	2022
126	366	2	3	Breeder	15-NOU-5	5	3662	2022
127	366	3	3	Breeder	15-NOU-6	5	3663	2022
128	366	4	3	Breeder	15-NOU-7	5	3664	2022
129	368	1	3	Breeder	15-NTY-1	5	3681	2022
130	368	2	3	Breeder	15-NTY-2	5	3682	2022
131	368	3	3	Breeder	15-NTY-3	5	3683	2022
132	368	4	3	Breeder	15-NTY-4	5	3684	2022
133	370	1	3	Breeder	Ballerina	5	3701	2022
134	370	2	3	Breeder	Ballerina	5	3702	2022
135	370	3	3	Breeder	Ballerina	5	3703	2022
136	370	4	3	Breeder	Ballerina	5	3704	2022
137	372	1	3	Breeder	15-NUF-1	5	3721	2022
138	372	2	3	Breeder	15-NUF-2	5	3722	2022
139	372	3	3	Breeder	15-NUF-3	5	3723	2022
140	372	4	3	Breeder	15-NUF-4	5	3724	2022
141	374	1	3	Breeder	Mikado	5	3741	2022
142	374	2	3	Breeder	Mikado	5	3742	2022
143	374	3	3	Breeder	Mikado	5	3743	2022
144	374	4	3	Breeder	Mikado	5	3744	2022
145	376	1	3	Breeder	14-NKT-5	5	3761	2022
146	376	2	3	Breeder	14-NKT-6	5	3762	2022
147	376	3	3	Breeder	14-NKT-7	5	3763	2022
148	376	4	3	Breeder	14-NKT-8	5	3764	2022
149	378	1	3	Breeder	15-NVT-5	5	3781	2022
150	378	2	3	Breeder	15-NVT-6	5	3782	2022
151	378	3	3	Breeder	15-NVT-7	5	3783	2022
152	378	4	3	Breeder	15-NVT-8	5	3784	2022
153	380	1	3	Breeder	Spunta	5	3801	2022
154	380	2	3	Breeder	Spunta	5	3802	2022
155	380	3	3	Breeder	Spunta	5	3803	2022
156	380	4	3	Breeder	Spunta	5	3804	2022
157	382	1	3	Breeder	12-MVF-1	5	3821	2022

158	382	2	3	Breeder	12-MVF-2	5	3822	2022
159	382	3	3	Breeder	12-MVF-3	5	3823	2022
160	382	4	3	Breeder	12-MVF-4	5	3824	2022
161	384	1	3	Breeder	161047	5	3841	2022
162	384	2	3	Breeder	161047	5	3842	2022
163	384	3	3	Breeder	161047	5	3843	2022
164	384	4	3	Breeder	161047	5	3844	2022
165	386	1	3	Breeder	15-NRT-3	5	3861	2022
166	386	2	3	Breeder	15-NRT-4	5	3862	2022
167	386	3	3	Breeder	15-NRT-5	5	3863	2022
168	386	4	3	Breeder	15-NRT-6	5	3864	2022
169	388	1	3	Breeder	Sifra	5	3881	2022
170	388	2	3	Breeder	Sifra	5	3882	2022
171	388	3	3	Breeder	Sifra	5	3883	2022
172	388	4	3	Breeder	Sifra	5	3884	2022
173	390	1	3	Breeder	15-NUK-2	5	3901	2022
174	390	2	3	Breeder	15-NUK-3	5	3902	2022
175	390	3	3	Breeder	15-NUK-4	5	3903	2022
176	390	4	3	Breeder	15-NUK-5	5	3904	2022
177	392	1	3	Breeder	Royal	5	3921	2022
178	392	2	3	Breeder	Royal	5	3922	2022
179	392	3	3	Breeder	Royal	5	3923	2022
180	392	4	3	Breeder	Royal	5	3924	2022
181	394	1	3	Breeder	15-NVF-2	5	3941	2022
182	394	2	3	Breeder	15-NVF-3	5	3942	2022
183	394	3	3	Breeder	15-NVF-4	5	3943	2022
184	394	4	3	Breeder	15-NVF-5	5	3944	2022
185	396	1	3	Breeder	160022	5	3961	2022
186	396	2	3	Breeder	160022	5	3962	2022
187	396	3	3	Breeder	160022	5	3963	2022
188	396	4	3	Breeder	160022	5	3964	2022
189	398	1	3	Breeder	Argana	5	3981	2022
190	398	2	3	Breeder	Argana	5	3982	2022
191	398	3	3	Breeder	Argana	5	3983	2022
192	398	4	3	Breeder	Argana	5	3984	2022
193	400	1	3	Breeder	12-MVO-3	5	4001	2022
194	400	2	3	Breeder	12-MVO-4	5	4002	2022
195	400	3	3	Breeder	12-MVO-5	5	4003	2022
196	400	4	3	Breeder	12-MVO-6	5	4004	2022

197	402	1	3	Breeder	15-NOV-3	5	4021	2022
198	402	2	3	Breeder	15-NOV-4	5	4022	2022
199	402	3	3	Breeder	15-NOV-5	5	4023	2022
200	402	4	3	Breeder	15-NOV-6	5	4024	2022
201	404	1	3	Breeder	Sifra	5	4041	2022
202	404	2	3	Breeder	Sifra	5	4042	2022
203	404	3	3	Breeder	Sifra	5	4043	2022
204	404	4	3	Breeder	Sifra	5	4044	2022
205	406	1	3	Breeder	12-MVN-4	5	4061	2022
206	406	2	3	Breeder	12-MVN-5	5	4062	2022
207	406	3	3	Breeder	12-MVN-6	5	4063	2022
208	406	4	3	Breeder	12-MVN-7	5	4064	2022
209	408	1	3	Breeder	Elinor	5	4081	2022
210	408	2	3	Breeder	Elinor	5	4082	2022
211	408	3	3	Breeder	Elinor	5	4083	2022
212	408	4	3	Breeder	Elinor	5	4084	2022
213	410	1	3	Breeder	Argana	5	4101	2022
214	410	2	3	Breeder	Argana	5	4102	2022
215	410	3	3	Breeder	Argana	5	4103	2022
216	410	4	3	Breeder	Argana	5	4104	2022
217	412	1	3	Breeder	15-NVF-6	5	4121	2022
218	412	2	3	Breeder	15-NVF-7	5	4122	2022
219	412	3	3	Breeder	15-NVF-8	5	4123	2022
220	412	4	3	Breeder	15-NVF-9	5	4124	2022
221	414	1	3	Breeder	164547	5	4141	2022
222	414	2	3	Breeder	164547	5	4142	2022
223	414	3	3	Breeder	164547	5	4143	2022
224	414	4	3	Breeder	164547	5	4144	2022
225	416	1	3	Breeder	Folva	5	4161	2022
226	416	2	3	Breeder	Folva	5	4162	2022
227	416	3	3	Breeder	Folva	5	4163	2022
228	416	4	3	Breeder	Folva	5	4164	2022
229	418	1	3	Breeder	Darling	5	4181	2022
230	418	2	3	Breeder	Darling	5	4182	2022
231	418	3	3	Breeder	Darling	5	4183	2022
232	418	4	3	Breeder	Darling	5	4184	2022
233	420	1	3	Breeder	180177	5	4201	2022
234	420	2	3	Breeder	180177	5	4202	2022
235	420	3	3	Breeder	180177	5	4203	2022
236	420	4	3	Breeder	180177	5	4204	2022
237	422	1	3	Breeder	Sapro Mira	5	4221	2022
238	422	2	3	Breeder	Sapro Mira	5	4222	2022

239	422	3	3	Breeder	Sapro Mira	5	4223	2022
240	422	4	3	Breeder	Sapro Mira	5	4224	2022
241	424	1	3	Breeder	Royal	5	4241	2022
242	424	2	3	Breeder	Royal	5	4242	2022
243	424	3	3	Breeder	Royal	5	4243	2022
244	424	4	3	Breeder	Royal	5	4244	2022
245	426	1	3	Breeder	15-NHN- 2	5	4261	2022
246	426	2	3	Breeder	15-NHN- 3	5	4262	2022
247	426	3	3	Breeder	15-NHN- 4	5	4263	2022
248	426	4	3	Breeder	15-NHN- 5	5	4264	2022
249	428	1	3	Breeder	Melody	5	4281	2022
250	428	2	3	Breeder	Melody	5	4282	2022
251	428	3	3	Breeder	Melody	5	4283	2022
252	428	4	3	Breeder	Melody	5	4284	2022
253	430	1	3	Breeder	Elinor	5	4301	2022
254	430	2	3	Breeder	Elinor	5	4302	2022
255	430	3	3	Breeder	Elinor	5	4303	2022
256	430	4	3	Breeder	Elinor	5	4304	2022
257	432	1	3	Breeder	161021	5	4321	2022
258	432	2	3	Breeder	161021	5	4322	2022
259	432	3	3	Breeder	161021	5	4323	2022
260	432	4	3	Breeder	161021	5	4324	2022
261	434	1	3	Breeder	15-NMS- 1	5	4341	2022
262	434	2	3	Breeder	15-NMS- 2	5	4342	2022
263	434	3	3	Breeder	15-NMS- 3	5	4343	2022
264	434	4	3	Breeder	15-NMS- 4	5	4344	2022
265	436	1	3	Breeder	Spunta	5	4361	2022
266	436	2	3	Breeder	Spunta	5	4362	2022
267	436	3	3	Breeder	Spunta	5	4363	2022
268	436	4	3	Breeder	Spunta	5	4364	2022
269	438	1	3	Breeder	160738	5	4381	2022
270	438	2	3	Breeder	160738	5	4382	2022
271	438	3	3	Breeder	160738	5	4383	2022
272	438	4	3	Breeder	160738	5	4384	2022
273	440	1	3	Breeder	Mikado	5	4401	2022
274	440	2	3	Breeder	Mikado	5	4402	2022
275	440	3	3	Breeder	Mikado	5	4403	2022
276	440	4	3	Breeder	Mikado	5	4404	2022
277	442	1	3	Breeder	11-MRP- 1	5	4421	2022
278	442	2	3	Breeder	11-MRP- 2	5	4422	2022

279	442	3	3	Breeder	11-MRP-3	5	4423	2022
280	442	4	3	Breeder	11-MRP-4	5	4424	2022
281	444	1	3	Breeder	15-NTN-3	5	4441	2022
282	444	2	3	Breeder	15-NTN-4	5	4442	2022
283	444	3	3	Breeder	15-NTN-5	5	4443	2022
284	444	4	3	Breeder	15-NTN-6	5	4444	2022
285	446	1	3	Breeder	Argana	5	4461	2022
286	446	2	3	Breeder	Argana	5	4462	2022
287	446	3	3	Breeder	Argana	5	4463	2022
288	446	4	3	Breeder	Argana	5	4464	2022
289	448	1	3	Breeder	Ballerina	5	4481	2022
290	448	2	3	Breeder	Ballerina	5	4482	2022
291	448	3	3	Breeder	Ballerina	5	4483	2022
292	448	4	3	Breeder	Ballerina	5	4484	2022
293	450	1	3	Breeder	164638	5	4501	2022
294	450	2	3	Breeder	164638	5	4502	2022
295	450	3	3	Breeder	164638	5	4503	2022
296	450	4	3	Breeder	164638	5	4504	2022
297	452	1	4	Breeder	Ballerina	6	4521	2022
298	452	2	4	Breeder	Ballerina	6	4522	2022
299	452	3	4	Breeder	Ballerina	6	4523	2022
300	452	4	4	Breeder	Ballerina	6	4524	2022
301	454	1	4	Breeder	164638	6	4541	2022
302	454	2	4	Breeder	164638	6	4542	2022
303	454	3	4	Breeder	164638	6	4543	2022
304	454	4	4	Breeder	164638	6	4544	2022
305	456	1	4	Breeder	Ballerina	6	4561	2022
306	456	2	4	Breeder	Ballerina	6	4562	2022
307	456	3	4	Breeder	Ballerina	6	4563	2022
308	456	4	4	Breeder	Ballerina	6	4564	2022
309	458	1	4	Breeder	Melody	6	4581	2022
310	458	2	4	Breeder	Melody	6	4582	2022
311	458	3	4	Breeder	Melody	6	4583	2022
312	458	4	4	Breeder	Melody	6	4584	2022
313	460	1	4	Breeder	15-NOU-4	6	4601	2022
314	460	2	4	Breeder	15-NOU-5	6	4602	2022
315	460	3	4	Breeder	15-NOU-6	6	4603	2022
316	460	4	4	Breeder	15-NOU-7	6	4604	2022
317	462	1	4	Breeder	15-NTY-1	6	4621	2022
318	462	2	4	Breeder	15-NTY-2	6	4622	2022
319	462	3	4	Breeder	15-NTY-3	6	4623	2022
320	462	4	4	Breeder	15-NTY-4	6	4624	2022
321	464	1	4	Breeder	Ballerina	6	4641	2022
322	464	2	4	Breeder	Ballerina	6	4642	2022

323	464	3	4	Breeder	Ballerina	6	4643	2022
324	464	4	4	Breeder	Ballerina	6	4644	2022
325	466	1	4	Breeder	15-NUF-1	6	4661	2022
326	466	2	4	Breeder	15-NUF-2	6	4662	2022
327	466	3	4	Breeder	15-NUF-3	6	4663	2022
328	466	4	4	Breeder	15-NUF-4	6	4664	2022
329	468	1	4	Breeder	Mikado	6	4681	2022
330	468	2	4	Breeder	Mikado	6	4682	2022
331	468	3	4	Breeder	Mikado	6	4683	2022
332	468	4	4	Breeder	Mikado	6	4684	2022
333	470	1	4	Breeder	14-NKT-5	6	4701	2022
334	470	2	4	Breeder	14-NKT-6	6	4702	2022
335	470	3	4	Breeder	14-NKT-7	6	4703	2022
336	470	4	4	Breeder	14-NKT-8	6	4704	2022
337	472	1	4	Breeder	15-NVT-5	6	4721	2022
338	472	2	4	Breeder	15-NVT-6	6	4722	2022
339	472	3	4	Breeder	15-NVT-7	6	4723	2022
340	472	4	4	Breeder	15-NVT-8	6	4724	2022
341	474	1	4	Breeder	Spunta	6	4741	2022
342	474	2	4	Breeder	Spunta	6	4742	2022
343	474	3	4	Breeder	Spunta	6	4743	2022
344	474	4	4	Breeder	Spunta	6	4744	2022
345	476	1	4	Breeder	12-MVF-1	6	4761	2022
346	476	2	4	Breeder	12-MVF-2	6	4762	2022
347	476	3	4	Breeder	12-MVF-3	6	4763	2022
348	476	4	4	Breeder	12-MVF-4	6	4764	2022
349	478	1	4	Breeder	161047	6	4781	2022
350	478	2	4	Breeder	161047	6	4782	2022
351	478	3	4	Breeder	161047	6	4783	2022
352	478	4	4	Breeder	161047	6	4784	2022
353	480	1	4	Breeder	15-NRT-3	6	4801	2022
354	480	2	4	Breeder	15-NRT-4	6	4802	2022
355	480	3	4	Breeder	15-NRT-5	6	4803	2022
356	480	4	4	Breeder	15-NRT-6	6	4804	2022
357	482	1	4	Breeder	Sifra	6	4821	2022
358	482	2	4	Breeder	Sifra	6	4822	2022
359	482	3	4	Breeder	Sifra	6	4823	2022
360	482	4	4	Breeder	Sifra	6	4824	2022
361	484	1	4	Breeder	15-NUK-2	6	4841	2022
362	484	2	4	Breeder	15-NUK-3	6	4842	2022
363	484	3	4	Breeder	15-NUK-4	6	4843	2022
364	484	4	4	Breeder	15-NUK-5	6	4844	2022
365	486	1	4	Breeder	Royal	6	4861	2022
366	486	2	4	Breeder	Royal	6	4862	2022
367	486	3	4	Breeder	Royal	6	4863	2022
368	486	4	4	Breeder	Royal	6	4864	2022
369	488	1	4	Breeder	15-NVF-2	6	4881	2022

370	488	2	4	Breeder	15-NVF-3	6	4882	2022
371	488	3	4	Breeder	15-NVF-4	6	4883	2022
372	488	4	4	Breeder	15-NVF-5	6	4884	2022
373	490	1	4	Breeder	160022	6	4901	2022
374	490	2	4	Breeder	160022	6	4902	2022
375	490	3	4	Breeder	160022	6	4903	2022
376	490	4	4	Breeder	160022	6	4904	2022
377	492	1	4	Breeder	Belmira	6	4921	2022
378	492	2	4	Breeder	Belmira	6	4922	2022
379	492	3	4	Breeder	Belmira	6	4923	2022
380	492	4	4	Breeder	Belmira	6	4924	2022
381	494	1	4	Breeder	Senna	6	4941	2022
382	494	2	4	Breeder	Senna	6	4942	2022
383	494	3	4	Breeder	Senna	6	4943	2022
384	494	4	4	Breeder	Senna	6	4944	2022
385	496	1	4	Breeder	15-NOS-4	6	4961	2022
386	496	2	4	Breeder	15-NOS-5	6	4962	2022
387	496	3	4	Breeder	15-NOS-6	6	4963	2022
388	496	4	4	Breeder	15-NOS-7	6	4964	2022
389	498	1	4	Breeder	Folva	6	4981	2022
390	498	2	4	Breeder	Folva	6	4982	2022
391	498	3	4	Breeder	Folva	6	4983	2022
392	498	4	4	Breeder	Folva	6	4984	2022
393	500	1	4	Breeder	15-NGY-1	6	5001	2022
394	500	2	4	Breeder	15-NGY-2	6	5002	2022
395	500	3	4	Breeder	15-NGY-3	6	5003	2022
396	500	4	4	Breeder	15-NGY-4	6	5004	2022
397	502	1	4	Breeder	Tokai	6	5021	2022
398	502	2	4	Breeder	Tokai	6	5022	2022
399	502	3	4	Breeder	Tokai	6	5023	2022
400	502	4	4	Breeder	Tokai	6	5024	2022
401	504	1	4	Breeder	Mikado	6	5041	2022
402	504	2	4	Breeder	Mikado	6	5042	2022
403	504	3	4	Breeder	Mikado	6	5043	2022
404	504	4	4	Breeder	Mikado	6	5044	2022
405	506	1	4	Breeder	15-NMS-1	6	5061	2022
406	506	2	4	Breeder	15-NMS-2	6	5062	2022
407	506	3	4	Breeder	15-NMS-3	6	5063	2022
408	506	4	4	Breeder	15-NMS-4	6	5064	2022
409	508	1	4	Breeder	Astra	6	5081	2022
410	508	2	4	Breeder	Astra	6	5082	2022
411	508	3	4	Breeder	Astra	6	5083	2022
412	508	4	4	Breeder	Astra	6	5084	2022
413	510	1	4	Breeder	Darling	6	5101	2022
414	510	2	4	Breeder	Darling	6	5102	2022
415	510	3	4	Breeder	Darling	6	5103	2022
416	510	4	4	Breeder	Darling	6	5104	2022

417	512	1	4	Breeder	Senna	6	5121	2022
418	512	2	4	Breeder	Senna	6	5122	2022
419	512	3	4	Breeder	Senna	6	5123	2022
420	512	4	4	Breeder	Senna	6	5124	2022
421	514	1	4	Breeder	164223	6	5141	2022
422	514	2	4	Breeder	164223	6	5142	2022
423	514	3	4	Breeder	164223	6	5143	2022
424	514	4	4	Breeder	164223	6	5144	2022
425	516	1	4	Breeder	Belmira	6	5161	2022
426	516	2	4	Breeder	Belmira	6	5162	2022
427	516	3	4	Breeder	Belmira	6	5163	2022
428	516	4	4	Breeder	Belmira	6	5164	2022
429	518	1	4	Breeder	Mira	6	5181	2022
430	518	2	4	Breeder	Mira	6	5182	2022
431	518	3	4	Breeder	Mira	6	5183	2022
432	518	4	4	Breeder	Mira	6	5184	2022
433	520	1	4	Breeder	Falcon	6	5201	2022
434	520	2	4	Breeder	Falcon	6	5202	2022
435	520	3	4	Breeder	Falcon	6	5203	2022
436	520	4	4	Breeder	Falcon	6	5204	2022
437	522	1	4	Breeder	Argana	6	5221	2022
438	522	2	4	Breeder	Argana	6	5222	2022
439	522	3	4	Breeder	Argana	6	5223	2022
440	522	4	4	Breeder	Argana	6	5224	2022
441	524	1	4	Breeder	12-MVO-3	6	5241	2022
442	524	2	4	Breeder	12-MVO-4	6	5242	2022
443	524	3	4	Breeder	12-MVO-5	6	5243	2022
444	524	4	4	Breeder	12-MVO-6	6	5244	2022
445	526	1	4	Breeder	15-NOV-3	6	5261	2022
446	526	2	4	Breeder	15-NOV-4	6	5262	2022
447	526	3	4	Breeder	15-NOV-5	6	5263	2022
448	526	4	4	Breeder	15-NOV-6	6	5264	2022
449	528	1	4	Breeder	Sifra	6	5281	2022
450	528	2	4	Breeder	Sifra	6	5282	2022
451	528	3	4	Breeder	Sifra	6	5283	2022
452	528	4	4	Breeder	Sifra	6	5284	2022
453	530	1	4	Breeder	12-MVN-4	6	5301	2022
454	530	2	4	Breeder	12-MVN-5	6	5302	2022
455	530	3	4	Breeder	12-MVN-6	6	5303	2022
456	530	4	4	Breeder	12-MVN-7	6	5304	2022
457	532	1	4	Breeder	Elinor	6	5321	2022
458	532	2	4	Breeder	Elinor	6	5322	2022
459	532	3	4	Breeder	Elinor	6	5323	2022
460	532	4	4	Breeder	Elinor	6	5324	2022
461	534	1	4	Breeder	Argana	6	5341	2022

462	534	2	4	Breeder	Argana	6	5342	2022
463	534	3	4	Breeder	Argana	6	5343	2022
464	534	4	4	Breeder	Argana	6	5344	2022
465	536	1	4	Breeder	15-NVF-6	6	5361	2022
466	536	2	4	Breeder	15-NVF-7	6	5362	2022
467	536	3	4	Breeder	15-NVF-8	6	5363	2022
468	536	4	4	Breeder	15-NVF-9	6	5364	2022
469	538	1	4	Breeder	164547	6	5381	2022
470	538	2	4	Breeder	164547	6	5382	2022
471	538	3	4	Breeder	164547	6	5383	2022
472	538	4	4	Breeder	164547	6	5384	2022
473	540	1	4	Breeder	Folva	6	5401	2022
474	540	2	4	Breeder	Folva	6	5402	2022
475	540	3	4	Breeder	Folva	6	5403	2022
476	540	4	4	Breeder	Folva	6	5404	2022
477	542	1	4	Breeder	Darling	6	5421	2022
478	542	2	4	Breeder	Darling	6	5422	2022
479	542	3	4	Breeder	Darling	6	5423	2022
480	542	4	4	Breeder	Darling	6	5424	2022
481	544	1	4	Breeder	180177	6	5441	2022
482	544	2	4	Breeder	180177	6	5442	2022
483	544	3	4	Breeder	180177	6	5443	2022
484	544	4	4	Breeder	180177	6	5444	2022
485	546	1	4	Breeder	Mira	6	5461	2022
486	546	2	4	Breeder	Mira	6	5462	2022
487	546	3	4	Breeder	Mira	6	5463	2022
488	546	4	4	Breeder	Mira	6	5464	2022
489	548	1	4	Breeder	Royal	6	5481	2022
490	548	2	4	Breeder	Royal	6	5482	2022
491	548	3	4	Breeder	Royal	6	5483	2022
492	548	4	4	Breeder	Royal	6	5484	2022
493	550	1	4	Breeder	15-NHN-2	6	5501	2022
494	550	2	4	Breeder	15-NHN-3	6	5502	2022
495	550	3	4	Breeder	15-NHN-4	6	5503	2022
496	550	4	4	Breeder	15-NHN-5	6	5504	2022
497	552	1	4	Breeder	Melody	6	5521	2022
498	552	2	4	Breeder	Melody	6	5522	2022
499	552	3	4	Breeder	Melody	6	5523	2022
500	552	4	4	Breeder	Melody	6	5524	2022
501	554	1	4	Breeder	Elinor	6	5541	2022
502	554	2	4	Breeder	Elinor	6	5542	2022
503	554	3	4	Breeder	Elinor	6	5543	2022
504	554	4	4	Breeder	Elinor	6	5544	2022
505	556	1	4	Breeder	161021	6	5561	2022
506	556	2	4	Breeder	161021	6	5562	2022

507	556	3	4	Breeder	161021	6	5563	2022
508	556	4	4	Breeder	161021	6	5564	2022
509	558	1	4	Breeder	Mikado	6	5581	2022
510	558	2	4	Breeder	Mikado	6	5582	2022
511	558	3	4	Breeder	Mikado	6	5583	2022
512	558	4	4	Breeder	Mikado	6	5584	2022
513	560	1	4	Breeder	Spunta	6	5601	2022
514	560	2	4	Breeder	Spunta	6	5602	2022
515	560	3	4	Breeder	Spunta	6	5603	2022
516	560	4	4	Breeder	Spunta	6	5604	2022
517	562	1	4	Breeder	160738	6	5621	2022
518	562	2	4	Breeder	160738	6	5622	2022
519	562	3	4	Breeder	160738	6	5623	2022
520	562	4	4	Breeder	160738	6	5624	2022
521	564	1	4	Breeder	Mikado	6	5641	2022
522	564	2	4	Breeder	Mikado	6	5642	2022
523	564	3	4	Breeder	Mikado	6	5643	2022
524	564	4	4	Breeder	Mikado	6	5644	2022
525	566	1	4	Breeder	11-MRP-1	6	5661	2022
526	566	2	4	Breeder	11-MRP-2	6	5662	2022
527	566	3	4	Breeder	11-MRP-3	6	5663	2022
528	566	4	4	Breeder	11-MRP-4	6	5664	2022
529	568	1	4	Breeder	15-NTN-3	6	5681	2022
530	568	2	4	Breeder	15-NTN-4	6	5682	2022
531	568	3	4	Breeder	15-NTN-5	6	5683	2022
532	568	4	4	Breeder	15-NTN-6	6	5684	2022
533	570	1	4	Breeder	Argana	6	5701	2022
534	570	2	4	Breeder	Argana	6	5702	2022
535	570	3	4	Breeder	Argana	6	5703	2022
536	570	4	4	Breeder	Argana	6	5704	2022
537	573	1	4	KU	Frig	3	5731	2022
538	573	2	4	KU	Frig	3	5732	2022
539	573	3	4	KU	Frig	3	5733	2022
540	573	4	4	KU	Frig	3	5734	2022
541	575	1	4	KU	Mikado	3	5751	2022
542	575	2	4	KU	Mikado	3	5752	2022
543	575	3	4	KU	Mikado	3	5753	2022
544	575	4	4	KU	Mikado	3	5754	2022
545	577	1	4	KU	Ydun	3	5771	2022
546	577	2	4	KU	Ydun	3	5772	2022
547	577	3	4	KU	Ydun	3	5773	2022
548	577	4	4	KU	Ydun	3	5774	2022
549	579	1	4	KU	Argana	3	5791	2022
550	579	2	4	KU	Argana	3	5792	2022
551	579	3	4	KU	Argana	3	5793	2022
552	579	4	4	KU	Argana	3	5794	2022
553	581	1	4	KU	Desiree	3	5811	2022

554	581	2	4	KU	Desiree	3	5812	2022
555	581	3	4	KU	Desiree	3	5813	2022
556	581	4	4	KU	Desiree	3	5814	2022
557	583	1	4	KU	Aventra	3	5831	2022
558	583	2	4	KU	Aventra	3	5832	2022
559	583	3	4	KU	Aventra	3	5833	2022
560	583	4	4	KU	Aventra	3	5834	2022
561	585	1	4	KU	Belmira	3	5851	2022
562	585	2	4	KU	Belmira	3	5852	2022
563	585	3	4	KU	Belmira	3	5853	2022
564	585	4	4	KU	Belmira	3	5854	2022
565	587	1	4	KU	Argana	4	5871	2022
566	587	2	4	KU	Argana	4	5872	2022
567	587	3	4	KU	Argana	4	5873	2022
568	587	4	4	KU	Argana	4	5874	2022
569	589	1	4	KU	Aventra	4	5891	2022
570	589	2	4	KU	Aventra	4	5892	2022
571	589	3	4	KU	Aventra	4	5893	2022
572	589	4	4	KU	Aventra	4	5894	2022
573	591	1	4	KU	Mikado	4	5911	2022
574	591	2	4	KU	Mikado	4	5912	2022
575	591	3	4	KU	Mikado	4	5913	2022
576	591	4	4	KU	Mikado	4	5914	2022
577	593	1	4	KU	Desiree	4	5931	2022
578	593	2	4	KU	Desiree	4	5932	2022
579	593	3	4	KU	Desiree	4	5933	2022
580	593	4	4	KU	Desiree	4	5934	2022
581	595	1	4	KU	Frig	4	5951	2022
582	595	2	4	KU	Frig	4	5952	2022
583	595	3	4	KU	Frig	4	5953	2022
584	595	4	4	KU	Frig	4	5954	2022
585	597	1	4	KU	Belmira	4	5971	2022
586	597	2	4	KU	Belmira	4	5972	2022
587	597	3	4	KU	Belmira	4	5973	2022
588	597	4	4	KU	Belmira	4	5974	2022
589	599	1	4	KU	Ydun	4	5991	2022
590	599	2	4	KU	Ydun	4	5992	2022
591	599	3	4	KU	Ydun	4	5993	2022
592	599	4	4	KU	Ydun	4	5994	2022



SEGES Innovation P/S
 Agro Food Park 15, 8200 Aarhus N

T: +45 8740 5000 - F: +45 8740 5010 - E: info@seges.dk

Ansvar: Informationerne på denne side er af generel karakter og søger ikke at løse individuelle eller konkrete rådgivningsbehov. SEGES Innovation P/S er således i intet tilfælde ansvarlig for tab, direkte såvel som indirekte, som brugere måtte lide ved at anvende notatets informationer.