

Pollin. Record

28, 29, 30, 31

## SEED AND SEEDLING RECORD

Fruit.....

Plum 1

Year Pollinated 1928.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm 281	Surprise (163) x Burbank.		68		1				
Pm 282	" (483) x "		293						
Pm 283	" (144) x "		88						
Pm 284	" (457) x <del>797/</del>		91						
Pm 285	Older (450) x "		197		2				
Pm 286	" (447) x "		259		3				
Pm 287	Burbank (15) x Surprise		586		141				
288	" (346) x "		217		46				
289	" (352) x Older		256		80				
2810	" (217) x "		131		27				
2811	" (365) x "		212		68				
2812	" (369) x "		62		2				
2813	" (370) x Surprise		487		150				
2814	" (24) x "		362		83				
2815	" (18) x Older		3						
2816	" (19) x "		26						
2817	" (363) x Surprise		251		45				
2818	" (23) x "		211						

1929

## SEED AND SEEDLING RECORD

Fruitplum.....2.....

Year Pollinated. 1928.....

Breeding No	CROSS		Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
2819	Burbank	(36) x Kaga				52				
2820	"	(35) X "				151	22 ?			
2821	"	(318) x Assiniboin				180	45			
2822	"	(13) x Surprise				157	99			
2823	Assiniboin	(184) x "				83				
2824	"	(136) x "				105	9			
2825	Wolf	(177) x Burbank				75				
2826	"	(236) x "				101	3			
2827	Assiboin	(324) x Surprise				32	3			
2828	"	(553) x "				38	4			
2829	"	(506) x "				154	18			
2830	"	(18) x Burbank				189				
2831	Burbank	(218) x Older				316	22			
2832	Kaga	(2) x Burbank				424	122			
2833	Burbank	(340) x Wolf				45-	1			
2834	"	(55) x "				206	24			
2835	"	(354) x Assiniboin				285	49			
2836	"	(361) x Winnipeg				44	1			

here

## SEED AND SEEDLING RECORD

Fruit... plum ..... 3 .....Year Pollinated 1928 .....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs. Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
2837	Chabot (464) x Wolf		201						
2838	Older (410) x Burbank		270		6				
2839	Winnipeg (72) x "		308						
2840	Native (488) x "		414		5				
2841	" (206) x "		191						
2842	" (160) x "		496		15				
2843	As'boin #1 (556) x "		134		4				
2844	Native (254) x "		820		69				
2845	Burbank (59) x Surprise		23						
2846	As'boin #2 (552) x Burbank		52		8				
2847	" #1 (554) x "		42						
2848	Bradshaw (298) x Surprise		96		17				
2849	Diamond (307) x Assiniboin		71		3				
2850	Bradshaw (295) x "		57		6				
2851	General Hand (518) x Wolf		72						
2852	As'boin (431) x Burbank		344		4				
2853	St. Rosa (174) x Older		176		22				
2854	S.D. #27 (379) x Burbank		641		5				
2855	" " (413) x "		338		4				
2856	" " (389) x "		251		2				

## SEED AND SEEDLING RECORD

Fruit plan.....4.....

Year Pollinated 1928.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
2857	#21 (52) x Lemon Cling ✓		295		5				
2858	Pr. Simoni (329) x Winnipeg		70		2				
2859	" (440) x Assiniboin		64						
2860	#5 (120) x Mich. Peach. ✓		507						
2861	S.D. #27 (509) x " " ✓		197						
2862	#21 (362) x Rochester ✓		466						
2863	Wickson (70) x #12		182						
2864	" (204) x #21		262		12				
2865	Diamond (301) x S.D. #27		101		1				
2866	#5 (353) x #21		605		9				
2867	#83 (523) x South Haven ✓		384		3				
2868	#91 (87) x Monarch		302		18				
2869	76 (127) x "		428		33				
2870	#12 (539) x Rochester ✓		310		6				
2871	Monarch (261) x Assiniboin		303						
2872	#8 (378) x Rochester ✓		87						
2873	#17 (337) x Eureka		263						
2874	Pond's Salg. (521) x Winnipeg		218						
2875	Monarch (517) x Assiniboin		237		13				

## SEED AND SEEDLING RECORD

Fruit: Prum 5Year Pollinated: 1928

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
2876	Italian Prune (306) X Assiniboin		32						
2877	Burbank (370) x S.D. #27		51						
2878	" (349) x Kaga		171		11				
2879	#8 (359) x Monarch		183		13				
2880	Burbank (63)x S.D.#27		192		28				
2881	Shiro (248) x #12		93		1				
2882	Burbank (372) x Assiniboin		341		81				
2883	#5 (364) x #17		573						
2884	S.D.#27 (381) x Wickson		267		4				
2885	Burbank (374) x S.D. #27		373		49				
2886	#21 (569) x #83		311		17				
2887	" (78) x "		251		1				
2888	" (360) x Monarch		671		13				
2889	#12 (505) x Rochester ✓		710		28				
2890	#12 (273) x #5 ✓		141						
2891	#5 (436) x Early Crawford ✓		590						
2892	#5 (50) x #21 ✓		159						
2893	#8 (343) x Lemon Cling ✓		299		5				
2894	#4 (497) x Ey. Crawford ✓		391						

## SEED AND SEEDLING RECORD

Fruit.....Plum.....6...

Year Pollinated..1928.....

Breeding No	CROSS	Date Pol.	No. Flrs Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdls pl. in Seedbed	No. Sdls pl. in Nursery	No. Sdls Dug from Nursery
2895	#1 (228) 2x Lemon Cling ✓		456		2				
2896	#12 (348) x Kaga		126		12				
2897	#17 (437) x #8		251		5				
2898	#21 (356) x #17		381						
2899	#8 (376) x #5		534		31				
28100	#8 (187) x #12 7/16/		716		19				
28101	Monarch (510) x Native (488)		61						
28102	Sapa (230) x St. Rosa		860		181				
28103	Purple Pm. Blk <sup>(324)</sup> 5 x Sapa		65		13				
28104	" " " (492) x Sapa		71		7				
28105	Burbank (14) x S.D. #27		567		110				
28106	" (11) x " "	3/16	1039		106				
28107	#62 (407) x #83		182						
28108	#61 x #83		268		1				
28109	#81 (513) x "		69		24				
28110	#77 (504) x #65		393		23				
28111	#73 (489) x "		163		24				
28112	#66 (408) x "		117		27				
28113	#65 (8) X #73		223		47				

## SEED AND SEEDLING RECORD

Fruit... Plum 7

Year Pollinated... 1928

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs. Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
28114	#84 (530) x #77		68		17				
28115	#62 (442) x Monarch		146						
28116	" (546) x "		72		2				
28117	#63 (147) x #57		105		14				
28118	#65 (531) x #59		290		3				
28119	<del>#63</del> / #78 (486) x #77		137		11				
28120	#65 (424) x #66		1026		6				
28121	#62 (421) x Monarch		358		2				
28122	#57 (514) x #59		39						
28123	#62 (392) x #57		114		21				
28124	" (427) x #57		91		35				
28125	#64 (434) x #73		132		24				
28126	#102 (398) x Bradshaw Burbank		<del>252</del> 103		3				
28127	Sierra #27 (419) x Burbank		437		32				
28128	#59 (412) x #57		219		57				
28129	#57- (455) x #59	3/23	172		1				
28130	#106 (399) x Bradshaw		183						
28131	#66 (76) x #65		233		48				
28132	#57 (316) x #77		202		42				



## SEED AND SEEDLING RECORD

Fruit Plum 8Year Pollinated 1928

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
28133	#59 (415) x #57				192	43			
28134	#103 (568) x #104				336				
28135	#106 (21) x Bradshaw				202				
28136	#105 (567) x #106				355	50			
28137	#134 (560) x Monarch				314	14			
28138	#104 (382) x #103				292	34			
28139	133 (557) x #103				87	9			
28140	PMO Russian Green Gage (20-4-12)					9			

## SEED AND SEEDLING RECORD

Fruit, Plum.....9.....

Year Pollinated 1928.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs. Set	No. Fruit Matured	No. Plum Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
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The following seed lots are F2 seed from either plum-peach hybrids or from plums (Either native or hybrids) crossed with *Prunus domestica*. The trees are in tubs and all were open pollinated. Since no other trees near by were in bloom, they are doubtless either selfs or sub-crosses, giving F2 There is a possibility of crosses occurring between plum-peach Hybrids and *domestica* hybrids.

PMO	28141	PM2394-1 (tub 482 x Monarch)	----	Domestica	x				
PMO	28142	PM 23229-1 (485 x Lemon Cling)	--	Plum-Peach.					
PMO	28143	PM 23207-11 (532 x Eureka)	----	"	"	.			
Pmo	28144	PM 2394-2 (482 x Monarch)	-----	Domestica	x	.			
PMO	28145	PM23189-5 (#92 x Bradshaw)	---	"	"				
PMO	28146	PM23207-12 (532 x Eureka)	-----	Plum-Peach.					
PMO	28147	PM23207-15 (532 x Eureka)	-----	"	"				
PMO	28148	PM2394-3 (482 x Monarch)	----	Domestica	x				
PMO	28149	PM23207-17 (532 x Eureka)	-----	Plum-Peach.					
PMO	28150	PM23208-3 (532 x Ey. Elberta)	--	"	"	.			
PMO	28151	PM23189-8 (#92 x Bradshaw)	----	Domestica	x				
PMO	28152	PM23164-2 (Kaga x Lemon Cling)	--	Plum-Peach.					



## SEED AND SEEDLING RECORD

Fruit Peach ..... 14 .....Year Pollinated 1928 .....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
2819	Rochester (29) x Winnipeg			45	12					
2820	Unknown peach (71) x S.D.#27			76	7					
2821	N2456 <i>South Haven</i> (59) x Native (488)			47	15					
2822	Ph2310-1 x Ph235-1			38	3					
2823	Ph235-1 x Ph2310-3			37	11					
2824	Ph232-1 x Ph2310-1			1						
2825	Ph2310-3 x <sup>Ph</sup> 235-1		3/6-10	32	13					
Ph0 2826	Ph2310-4				1					

## SEED AND SEEDLING RECORD

Fruit..Cherry.....10.....

Year Pollinated.....1928.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs. Set	No. Fruit Matured	No. Plum Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Cy. 281	/Chinese Cherry(37) x May Duke		498						
282	" " (36) x " "		130		8				
283	Serbian Pie (43) x " "		831						
284	" " (42) x Montmorency		728						
285	May Duke (28) x Pr. tom.		556		17				
286	Montmorency (3) x " "		812		217				
287	Ey. Richmond (17) x Serb. Pie.		762		32&56				
288	Serb. Pie (41) x Ey. Richmond		691		96&21				
289	" " #2 (46) x " "		1395		661				
2810	" " " (47) x " "		116		83				
2811	Bing (31) x Choke Cherry		211						
2812	Cherry (11) x " "		691		181				
2813	Ey. Richmond(4) x Pr. tom.		911		161				
2814	" " (10) x Serb. Pie		451		29				
2815	Montmorency(6) x " "		<del>451</del> 396		<del>29</del> 37				
2816	Eng. Morello(8) x Plum #62		794		43				
2817	Reine Hortense (18) x Pr. Tom.		345		65				
2818	Montmorency(19) x ckoke cherry		438		28				
2819	" (25) x Pr. tom.		383		140				





## SEED AND SEEDLING RECORD

Fruit. Apple.....15

Year Pollinated.....1928

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
<i>ae</i> 281	Wealthy (54) x Red Duchess	4/7	113		20					
282	Golden Delicious (26) x R. "		183		40					
283	Jonathan (52) x Red Duchess		78		1					
284	Golden Delicious (39) x R. "		117		10					
285	Red Duchess (1) x Gold. Del.	4/7	189		17					
286	#444 (23) x Red Duchess		91							
287	Red Duch. (9) x Gold. Del.	4/7	263		30					
288	Gold. Del. (38) x Red Duch.		219							
289	447 (4) x Gold. Del.		84		24					
2810	Gold. Del. (44) OPC									
	<i>total 1337</i>									
2811	Duchess x Self (54 bags)	5/15	1014							
2812	Wealthy x Self ( <sup>51</sup> 2 trees)	5/17	1020							
2813	Piotosh x Self (36 bags)	5/17	535							
2814	Hibernal x Self (31 bags)	5/17	1053							
2815	McIntosh x Self (68 bags)	5/18	1010							
	(15-4-2)									
	total selfed.		4632							





## SEED AND SEEDLING RECORD

Fruit...Currant.....Year Pollinated...1928.....Breeding  
No.

CROSS

No. Fls.  
Pol.Date  
Pol.No. Fls.  
SetNo. Fruit  
MaturedNo.  
Plump  
SeedNo.  
Aborted  
SeedNo. Seed  
Germini-  
natedLocation in  
SeedbedNo.  
Seedlings  
Dug

Ct0281

Minn #70 Open Pol

## SEED AND SEEDLING RECORD

Fruit... Plum.....

Year Pollinated.... 1929.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm 291	Assin. (520) x Surprise	233	2/22		44					
292	Winnipeg(122) x Burbank	371	2/25							
293	Assin. (222) x Surprise	726	2/22		157					
294	" (201) x "	427	2/22							
295	#91 (78) x Burbank	163	2/19		8					
296	Surprise (163) x Burbank	141	2/18							
297	Assin. (519) x Surprise	372	2/22		35					
298	" (18) x Burbank	156	2/26		3					
299	Burbank (352) x Surprise	365	2/18		97					
2910	Assin. (233) x "	777	2/27							
2911	Surprise (144) x Burbank	266	2/18							
2912	" (483) x "	81	2/18							
2913	Assin. (431) x Surprise	239	2/25		13					
2914	Assin#2(550) x Surprise	214	2/22		76					
2915	Assin. (506) x Burbank	57	3/1							
2916	Burbank (369) x Surprise	517	2/18		111					
2917	" (363) x "	424	2/18		117					
2918	Surprise (143) x Burbank	532	2/25		15					
2919	Assin. (136) x Surprise	69	2/25							
2920	" #1 (555) x "	163	2/25		41					

1929

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated...1929.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm. 2921	Assin. (68) x Burbank	99	3/1		3					
2922	#91 (87) x Burbank	233	2/19							
2923	Assin. (347) x Burbank	72	3/1		5					
2924	#12 (348) x Kaga	172	2/21		19					
2925	#17 (337) x #5	630	2/21		73					
2926	#91 (360) x #83	500	2/21		42					
2927	#5 (50) x #17	279	2/21							
2928	Surprise (96) x Burbank	991	2/25							
2929	#17 (437) x #5	407	2/21		42					
2930	#21 (52) x Kaga	196	2/20		28					
2931	#12 (505) x "	33	2/20							
2932	Assin #1 (556) x Burbank	199	2/26		21					
2933	#21 (356) x #5	314	2/20		16					
2934	Burbank (367) x Surprise	1299	2/27		93					
2935	#83 (523) x Burbank	215	2/20		1					
2936	Older (410) x "	358	3/1		10					
2937	Assin. (103) x Surprise	530	2/27		67					
2938	#5 (353) x #21	492	2/27		12					
2939	#91 (569) x #83	206	2/20		15					
2940	#5 (120) x #12	691	2/27		24					

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Fruit.....Plum.....

Year Pollinated.....1929.....

	Breeding No.		CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm.	2941	#5	(436) x #12	408	2/21		2					
	2942	#8	(187) x #5	370	2/26		54					
	2943	Older	(450) x Burbank	511	3/1							
	2944	Kaga	(122) x #17	845	2/20		126					
	2945	#12	(273) x Kaga	275	2/21		23					
	2946	#8	(226) x #12	645	3/1		41					
	2947	#8	(378) x #5	760	2/26		149					
	2948	Older	(447) x Burbank	436	3/1		5					
	2949	#12	(539) x #5	196	2/27		6					
	2950	Burbank	(23) x Assin.	645	2/25		133					
	2951	Burbank	(35) x Surprise	736	2/19		167					
	2952	#5	(364) x #21	775	2/27		14					
	2953	Burbank	(59) x #91	378	2/25		82					
	2954	Burbank	(346) x Surprise	245	2/25		112					
	2955	Kaga	(2) x #17	175	3/20		43					
	2956	Burbank	(365) x #83	215	2/25		69					
	2957	#21	(362) x #17	362	2/26		10					
	2958	Burbank	(18) x Assin.	1031	2/25		215					
	2959	#8	(376) x #5	479	2/29		103					
	2960	Wolf	(236) x Burbank	226	3/15		1					

## SEED AND SEEDLING RECORD

Fruit.. Plum.....

Year Pollinated.. 1929.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm. 2961	Sapa (230) x St. Rosa	153	3/14		48					
2962	#63 (147) x #59	244	3/12							
2963	#57 (514) x #59	83	3/13							
2964	#12 (507) x #5	414	3/12		17					
2965	#59 (412) x #57	310	3/13		14					
2966	Terrie (83) x Oct. Purple	1094	3/14		32					
2967	S.D. 27 (509) x Wickson	147	3/15		7					
2968	#57 (455) x #59	348	3/12		4					
2969	#134 (560) x #63	268	3/12		5					
2970	Burbank (36) x Surprise	614	3/9		114					
2971	Burbank (372) x Surprise	324	3/9		57					
2972	Burbank (63) x Older	300	3/9		80					
2973	#59 (415) x #57	217	3/12		3					
2974	#62 (407) x Monarch	260	3/15		4					
2975	Native (160) x Gen. Hand	402	3/16		7					
2976	Winnipeg (27) x Wickson	146	3/12							
2977	Diamond (307) x S.D. 27	44	3/15							
2978	#57 (316) x #59	310	3/14		4					
2979	Burbank (349) x Older	374	3/11		59					
2980	S.D. 27 (38) x Chabot	204	3/16							

## SEED AND SEEDLING RECORD

Fruit... Plum.....

Year Pollinated..... 1929.....

	Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm	2981	Italian Prune(17) x Terrie	26	3/18		3					
	2982	Burbank (374) x Older	376	3/9		18					
	2983	Bradshaw (298) x Terrie	77	3/15							
	2984	#62 (546) x Monarch	123	3/16		2					
	2985	Burbank (361) x Older	647	3/9		48					
	2986	Italian Prune(114) x Terrie	7	3/18							
	2987	Ponds Sdlg.(94) x Terrie	96	3/18							
	2988	Native (488) x Bradshaw	246	3/16		30					
	2989	Burbank (10) x Older	662	3/12		40					
	2990	Gen.Hand (518) x Winnipeg	53	3/14							
	2991	Diamond (301) x Assin.	94	3/14							
	2992	Ponds Sdlg. (85) x Terrie	114	3/18							
	2993	" " (88) x "	167	3/18							
	2994	Wickson (70) x Older	181	3/14							
	2995	" (204) x "	64	3/14							
	2996	Bradshaw ( ) x Terrie	22	3/15							
	2997	#76 (127) x Wickson	212	3/15		10					
	2998	#62 (392) x Monarch	115	3/15							
	2999	Native (254) x Gen.Hand	308	3/16		23					
	29100	S.D.27 (379) x Diamond	220	3/16		17					

## SEED AND SEEDLING RECORD

Fruit... Plum .....

Year Pollinated..... 1929 .....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm. 29101	#62 (442) x Monarch	46	3/15		2					
29102	Native (206) x Bradshaw		3/16							
29103	Monarch (510) x #62	114	3/15		1					
29104	" (517) x "	63	3/15							
29105	" (261) x "	91	3/15		3					
29106	Burbank (340) x Surprise	348	3/9		120					
29107	#133 (557) x #63	38	3/12							
29108	Chabot (464) x Older	72	3/11		17					
29109	#1 (228) x #21	616	3/12		46					
29110	Oct. Purple (71) x Older	275	3/12		17					
29111	Chabot (248) x Older	37	3/8							
29112	St. Rosa (174) x #21	114	3/11		16					
29113	Climax (69) x Terrie	56	3/18		1					
29114	#66 (408) x #73	65	3/30		4					
29115	Pur. Pm. Blk (384) x Rochester	75	4/1							
29116	#66 (75) x 73	81	3/30							
29117	#78 (486) x #62	41	3/30		2					
29118	#62 (421) x #65	340	3/28		54					
29119	Pur. Plum Blk (492) x Rochester	297	4/1							
29120	#62 (427) x #65	312	3/28		30					



## SEED AND SEEDLING RECORD

Fruit.. Plum.....

Year Pollinated... 1929.....

Breeding No.	CROSS		No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm 29121	#61	x #62	175	3/28		2					
29122	#63	(8) x #62	201	3/28		24					
29123	#77	(564) x #62	180	3/30		9					
29124	#65	(424) x #62	307	3/28							
29125	#73	(489) x #66	177	3/30		3					
29126	#64	(434) x #62	81	3/30		1					
29127	BxW 4 (51)	x Eureka	37	4/2		6					
29128	Krikon(34)	x Pm 23229-2	41	4/5		16					
29129	Shiro (1)	x Wolf	65	3/30		14					
29130	Pm 23229-2	x Ph 239-1	75	4/1							
29131	Pm23208-3	x Ph 239-1	111	4/1		59					
29132	Pm 23178-4	x Ph 231-2	211	3/30							
29133	Pm 23207-11	x Ph 2310-4	195	4/1		3					
29134	Pm 2394-2	x Pm 23189-5	211	4/1							
29135	Pm 23189-5	x Pm 2394-3	355	4/1		39					
29136	Pm 23207-15	x Ph 239-1	410	4/1							
29137	Pm 23207-12	x Ph 231-2	408	4/1		62					
29138	Pm 2394-3	x Pm 23189-5	361	4/1		79					
29139	Pm 23189-8	x Pm 2394-2	299	4/1		4					
29140	Pm 23178-1	x Pm 23207-1	275	3/21		57					



## SEED AND SEEDLING RECORD

Fruit.....Peach.....

Year Pollinated.....1929.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
291	Rochester (31) x Native (254)	95	3/21-24		4					
292	N2455 S.Haven(61)xSurprise	33	3/21-24							
293	N2456 Mich.Peach(59)x "	17	3/21-24		3					
294	Rochester (26) x Native(254)	43	3/21-24		3					
295	Ph235-1 x Pm23207-1	18	3/21-24		1					
296	Peach from Gates(21) xNative (160)	31	3/21-24							
297	N2456 Mich.Peach(58)xSurprise	21	3/21-24							
298	Lemon Cling (22) x Native(206)	23	3/21-24		1					
299	Ph231-1 x Pm23207-1	19	3/21-24							
2910	Lemon Cling (33)xNative(206)	41	3/21-24							
2911	Ph 2310-4 x Pm 23207-1	28	3/21-24							
2912	Eureka (49)x Native (254)	48	3/21-24		4					
2913	Ph 239-2 x Pm 23207-1	67	3/21-24		6					
2914	Ey.Crawford (51)x Native( <del>488</del> )	33	3/21-24		6					
2915	Eureka (48) x " "	211	3/21-24		8					
2916	Ph 231-2 x Pm23207-1	61	3/21-24							
2917	Ph. from Gates(20) x Native (160)	41	3/21-24							
2918	Ph. 239-1 x Pm 23207-1	35	3/21-24		3					



## SEED AND SEEDLING RECORD

Fruit.....Cherry.....

Year Pollinated.....1929.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Cy 291	Montmorency (2) x Serb. Pie	410	4/5		102					
292	Ey. Richmond (17) x Pr. Tom.	375	4/5		63					
293	Yel. Spanish (38) x " "	78	4/2							
294	Serb. Pie #2 (47) x Black Tar.	38	4/5		16					
295	Eng. Morello (35) x Pr. Tom	787	4/5		273					
296	Bing (32) x " "	98	4/2		5					
297	Ey. Rich. (21) x " "	887	4/5		236					
298	Montmorency (6) x " "	681	4/5		77					
299	Ey. Rich. (4) x N251	381	4/5		6					
2910	Reine Hortense (23) x Pr. Tom.	211	4/5		53					
2911	Eng. Morello (1) x " "	671	4/5		222					
2912	Yel. Spanish (40) x " "	66	3/30							
2913	Serb Pie #2 (46) x Black Tar.	113	4/5		12					
2914	N251 (9) x Terrie	217	3/28		1					
2915	Serb Pie #1 (43) x Black Tar.	375	4/5		40					
2916	Ey. Richmond (10) x Pr. Tom	413	4/5		72					
2917	Montmorency (3) x N2510	445	4/5		17					
2918	Schmidt (34) x Pr. Tom.	93	4/2		17					
2919	Yel. Spanish (34) x " "	78	3/30							
2920	N251 (16) x Terrie	276	3/28		3					

## SEED AND SEEDLING RECORD

Fruit...Cherry.....

Year Pollinated.1929.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Cy. 2921	Serb. Pie (41) x Schmidt	211	4/1		49					
2922	" " (41) x Bing	243	4/1							
2923	Cherry (18) x Pr. Tom.	278	4/2		95					
2924	May Duke (-) x " "	176	4/2		14					
2925	N251 (15) x " "	250	3/28		102					
2926	Black Tar. (13) x " "	36	3/30		4					
2927	N2510 (125) x Schmidt	317	4/5							

## SEED AND SEEDLING RECORD

Fruit... Apple.....

Year Pollinated..... 1929.....

	Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Ae.	291	Golden Del (40) x Red Duch.	230	4/5		35	35				
	292	Red. Duchess (21) x Gold. Del.	198	4/5							
	293	" (87) x " "	163	4/5							
	294	" (84) x " "	87	4/5							
	295	" (1) x " "	30	4/5							
	296	" (85) x " "	67	4/5		13	74				
	297	" (83) x " "	55	4/5		2	15				
	298	Wealthy (54) x Red Duch.	78	4/5		5	34				
	299	Jonathon (52) x " "	210	4/5							
	2910	#444 (23) x " "	34	4/5		1	10				
	2911	Gold. Del. (31) x " "	375	4/5			438				
	2912	" " (38) x " "	56	4/5							
AES	2913	Duchess x Self			1 fruit	1	2				

## SEED AND SEEDLING RECORD

Fruit... Raspberry.....Year Pollinated... 1929.....Breeding  
No.

CROSS

No. Fls.  
Pol.Date  
Pol.No. Fls.  
SetNo. Fruit  
MaturedNo.  
Plump  
SeedNo.  
Aborted  
SeedNo. Seed  
Germi-  
natedLocation in  
SeedbedNo.  
Seedlings  
Dug

RYS291 Herbert x self

RY292 #223 x Herbert









## SEED AND SEEDLING RECORD

Fruit.....Pear.....Year Pollinated....1929.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
PR291	Lincoln x 13-8-3 (5 tubbed trees		5/24							
PR292	Bartlett x 13-8-3 (6 "	"	5/24	"						
PR293	Clapp's Fav. x 13-8-4 (6 "	"	5/24	"						
PR294	Seckel x 13-8-4 (2 "	"	5/24	"						
PR295	Anjou x 13-8-4 (1 "	"		"						
PR296	Mendel x 13-8-4 (1 "	"		"						

## SEED AND SEEDLING RECORD

Fruit...Plum.....

Year Pollinated...1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm 301	Assiniboin (506) x Surprise	107	1/30		44(4/8 Ripe)					
302	Surprise (96) x Assin.	109	1/30		24					
303	Assin. #2 (551) x Surprise	380	1/30		58 (4/8)					
304	Surprise (483) x Assin.	169	1/30		100					
305	" (457) x "	671	1/30		76					
306	Assin. (89) x Surprise	283	1/30		35 (4/8)					
307	" (324) x "	239	1/30		76 (4/8)					
308	BxW#2 (61) x "	72	1/28		4					
309	Assin. (33) x "	350	1/30		85					
3010	Assin. #2 (552) x "	525	1/30		241					
3011	Assin. #1 ( ) x "	73	1/30		35 (4/8)					
3012	Assiniboin (136) x Burbank	178	2/2		13					
3013	Surprise (143) x "	134	2/3							
3014	Assiniboin (342) x Surprise	643	1/30		93 (4/8)					
3015	Burbank (217) x Assin.	312	2/3		79					
3016	Assin. (519) x Surprise	188	2/6							
3017	Burbank (14) x "	875	2/3		89					
3018	" (13) x "	741	2/3		133					
3019	" (59) x "	192	2/1		17					
3020	" (23) x "	473	2/1		59					

1930

## SEED AND SEEDLING RECORD

Fruit.....P.lum.....

Year Pollinated. 1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
3021	Assin. #1 (555) x Surprise	132	2/6		8					
3022	Assin. (431) x "	182	2/6		26					
3023	Burbank (76) x "	499	2/1		61					
3024	Winnipeg (155) x "	214	2/6		12					
3025	#21 (52) x #5	171	2/9		4					
3026	Burbank (352) x Surprise	133	2/8		29					
3027	" (318) x "	234	2/8		108					
3028	" (346) x "	156	2/8		33					
3029	B x W #4 (497) x #21	163	2/10		65					
3030	Assiniboin (184) x Surprise	233	2/6		101					
3031	Burbank (218) x Older	98	2/10		38					
3032	B x W4 (497) x #21	345	2/8							
3033	Older (450) x Burbank	291	2/9		1					
3034	#8 (343) x #5	175	2/10							
3035	Kaga (2) x #17	184	2/8		13					
3036	#21 (356) x #5	191	2/8		8					
3037	Surprise (144) x Burbank	256	2/3							
3038	Assin. (18) x Surprise	336	2/3		67					
3039	Surprise (163) x Burbank	151	2/3							
3040	Burbank (63) x Assiniboin	88	2/2		41					

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm 3041	Winnepeg (72) x Surprise	684	2/9		77					
3042	Burbank (354) x "	842	2/3		107					
3043	" (19) x Assin.	745	2/3		64					
3044	" (386) x Surprise	241	2/3		130					
3045	#8 (376) x #5	127	2/9		4					
3046	#5 (353) x #21	356	2/10		13					
3047	#17 (337) x #5	298	2/10		3					
3048	#5 (436) x #17	319	2/10		4					
3049	#5 (364) x #17	395	2/10		4					
3050	#5 (120) x #21	561	2/10		2					
3051	B x W 12 (539) x Kaga	113	2/10		13					
3052	#8 (359) x #5	403	2/10		46					
3053	B x W 1 (228) x #21	1101	2/10		1					
3054	#17 (437) x #5	73	2/10							
3055	Burbank (18) x Surprise	243	2/8		27					
3056	#21 (362) x #5	595	2/9		6					
3057	#12 (348) x Kaga	73	2/11							
3058	" (507) x "	82	2/11		8					
3059	Kaga (122) x #17	51	2/10		5					
3060	Older (447) x Burbank	372	2/11		12					

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated 1930

	Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm	3061	S.D. 27 (509) x Wickson	48	2/21		2					
	3062	#8 (378) x #5	53	2/19		6					
	3063	Ponds. Sdlg. (86) x Older	112	2/21		9					
	3064	Gen. Hand (518) x "	73	2/21							
	3065	Native (488) x Monarch	31	2/21		6					
	3066	Monarch (510) x Older	38	2/21							
	3067	Diamond (301) x "	58	2/21							
	3068	Monarch (261) x "	61	2/21							
	3069	Oct. Purple (71) x "	31	2/21		9					
	3070	Wickson (70) x "	11	2/19							
	3071	Older (410) x Burbank	375	2/21		6					
	3072	Native (254) x Monarch	42	2/21		8					
	3073	Native (160) x Monarch	29	2/21							
	3074	Chabot (464) x Older	95	2/21							
	3075	S.D. 27 (379) x Wickson	114	2/21		2					
	3076	Oct. Purple (73) x Older	64	2/21		7					
	3077	S.D. 27 (413) x Wickson	131	2/21		7					
	3078	Chabot (80) x Older	251	2/21		25					
	3079	Sapa (230) x St. Rosa	301	2/21		89					
	3080	Assin. (121) x So. Haven	456	3/1		313					



## SEED AND SEEDLING RECORD

Fruit Plum.....

Year Pollinated.....1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm. 3081	Shiro (1) x Older	94	2/21		4					
3082	Pr. Simoni (40) x Winnipeg	109	2/19		7					
3083	#8 (226) x #5	83	2/19							
3084	#12 (505) x Kaga	33	2/21		10					
3085	Burbank (55) x S.D.27	130	3/1		46					
3086	#83 (523) x Mich. Peach	86	3/1		2					
3087	Burbank (370) x Surprise	480	3/1		95					
3088	" (37) x "	675	3/1		107					
3089	Pr. Simoni (440) x Older	67	2/21		3					
3090	#91 (360) x South Haven	998	2/27		16					
3091	#91 (569) x Lemon Cling	381	2/27		1					
3092	#91 (87) x Mich. Peach	854	2/27		39					
3093	Burbank (24) x S.D.27	1030	3/1		143					
3094	" (374) x Older	785	3/1		42					
3095	" (15) x Surprise	1185	3/1		149					
3096	" (11) x Older	1287	3/1		121					
3097	S.D.27 (381) x Mich. Peach	35	3/1		6					
3098	Purple Plum (492) x Unknown Peach	94	3/1		24					
3099	#65 (531) x #73	875	3/11		214					
30100	#61 x #57	115	3/10		5					

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm. 30101	#63 (147) x #59	213	3/10							
30102	#62 (407) x Burbank	345	3/11		2					
30103	#59 (98) x #57	345	3/11		104					
30104	#57 (514) x #59	231	3/11							
30105	#59 (415) x #57	358	3/11		75					
30106	#59 (99) x #57	111	3/11		60					
30107	#106 (21) x #65	311	3/11		57					
30108	#62 (392) x Burbank	49	3/10		5					
30109	" (427) x "	98	3/10		7					
30110	#73 (489) x #65	243	3/11		66					
30111	#59 (412) x #65	159	3/11		69					
30112	#201 (1) x #194	531	3/10		45					
30113	#62 (421) x #65	75	3/11		46					
30114	#65 (424) x #59	417	3/10		1					
30115	#65 (8) x #73	356	3/11		20					
30116	#194 (1) x #201	317	3/10		68					
30117	#205 (1) x #201	180	3/10		5					
30118	#205 (2) x #201	173	3/10							
30119	Pm2495-11 (1) x Pm23229-1	318	3/17		31					
30120	Pm23202-1 x PH2310-3	217	3/25		14					

## SEED AND SEEDLING RECORD

Fruit. Plum.....

Year Pollinated...1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm. 30121	Pm23229-1 x Pm 24112-1	345	3/17		13					
30122	Pm2495-11 2 x Ph2310-3	280	3/17		21					
30123	Pm2472-2 x Ph2310-3	447	3/25		3					
30124	Pm24112-1 x Pm2495-11	211	3/17		22					
30125	#102 (398) x #55	208	3/15		61					
30126	#106 (399) x #55	391	3/15		192					
30127	#105 (567) x #59	273	3/15		44					
30128	#201 (2) x #205	203	3/10		27					
30129	#62 (442) x Burbank	83	3/10							
30130	#134 (560) x "	233	3/10							
30131	#57 x #59	215	3/10		46					
30132	Pm23178-1 x Ph2320-1	344	3/25		6					
30133	Pm24112-4 x Ph231-3	413	3/25							
30134	Pm2495-6 x Ph239-1	178	3/25							
30135	Pm2495-15 x Ph2414-4	371	3/25							
30136	#104 (77) x #55	38	3/15		17					
30137	" (74) x "	113	3/15		6					
30138	#103 (101) x "	187	3/15		7					
30139	" (568) x "	430	3/15		96					
30140	#2 (57) x #59	116	3/15							

## SEED AND SEEDLING RECORD

Fruit... Plum.....

Year Pollinated... 1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm. 30141	#104 (382) x #55	217	3/15		48					
30142	#55 (313) x #103	385	3/15		49					
30143	#200 (1) x #205	164	3/15		28					
30144	S.D.27 (419) x #55	315	3/15		30					
30145	#205 (3) x #201	181	3/17		9					
30146	#55 (323) x #104	381	3/15		111					
30147	#200 (2) x #205	373	3/15		62					
30148	#196 (1) x #194	184	3/15							
30149	#55 (322) x #103	673	3/15		137					
30150	#209 (1) x #208	356	3/15		53					
30151	#208 (1) x #209	256	3/15		116					
30152	#205 (4) x #201	357	3/17		6					
30153	#182 (65) x #56	299	3/17		67					
30154	#203 (1) x #200	173	3/17		6					
30155	#212 (1) x #208	113	3/17		2					
30156	#84 (530) x #55	177	3/17		34					
30157	#199 (1) x #194	56	3/15							
30158	Krikon (39) x #55	28	3/17		3					
30159	---- (333) x #104	386	3/15		108					
30160	#203 (2) x #200	483	3/15		27					

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated...1930.....

	Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Pm	30161	#56 (42) x #182	134	3/17		32					
	30162	#208 (2) x #209	364	3/15		120					
	30163	#197 (1) x #208	136	3/17		8					
	30164	#209 (2) x #208	79	3/15		20					
	30165	#209 (3) x #208	184	3/15		45					
	30166	#203 (3) x #200	217	3/17		1					
	30167	#194 (2) x #200	88	3/17		39					
	30168	Wickson (204) x Older	88	3/17		6					
	30169	St. Rosa (174) x #21				10					
	30170	Terrie (83) x Oct. Purple				7					
PMO	30171	Pm23147-1 (Sapa x cherry open pol. from orch)				149					
PMO	30172	Pm23147-5 ( " x " " " " " )				29					
PMO	30173	Pm23189-3 (#92 x Bradshaw)				96					
PMO	30174	Domestica plum from S. Dak. N. 2539 (Variety is Lombard. open pol.)									
PMO	30175	Ponds Sdlg.	"	"	"	6					
PMO	30176	N2537	"	"	"	113					
PMO	30177	Pm2493-11	"	"	"	1					
PMO	30178	Pm23229-3	"	"	"	2					
PMO	30179	Pm23178-1				10					



## SEED AND SEEDLING RECORD

Fruit..Peach.....

Year Pollinated.....1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
PH 301	S.Haven (62) x Older	258	3/22-25		1					
302	" " (64) x "	47	3/22-25		1					
303	" " (63) x "	134	3/22-25		3					
304	" " (61) x "	68	3/22-25		1					
305	J.H.Hale (44) x Native (488)	92	3/22-25		1					
306	" " " (38) x " "	102	3/22-25		2					
307	Mich Peach (60) x S.D.27	215	3/22-25							
308	" " (59) x " " "	88	3/22-25							
309	" " (58) x " " "	98	3/22-25							
3010	Lemon Cling (33) x Native (160)	53	3/22-25							
3011	" " (22) x " "	155	3/22-25							
3012	Eureka (49) x " (254)	36	3/22-25		3					
3013	" (48) x " "	78	3/22-25		1					
3014	Ph.from Gates (14) x Surprise	68	3/22-25							
3015	" " " (20) x " "	36	3/22-25							
3016	" " " (16) x " "	162	3/22-25		1					
3017	" " " (21) x " "	10								
3018	Rochester (29) x Older	95	3/22-25							
3019	Unknown Peach (71) x Older	106	3/22-25							
3020	Ph2320-1 (1) x Pm2495-11	28	3/25							







## SEED AND SEEDLING RECORD

Fruit...Cherry.....

Year Pollinated...1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Cy. 301	Pr. Tom. x Self	202	3/28							
302	Mont. Stark (6) x Pr. Tom.	496	3/28		114					
303	Yellow Span. (39) x Pr. Tom.	280	3/25							
304	Bing (32) x " "	190	3/27							
305	Ey. Richmond (21) x " "	675	3/29		185					
306	Mont. Stark (3) x " "	495	3/28		29					
307	N251 (16) x " "	653	3/24		34					5
308	Ey. Richmond (1) x " "	599	3/28		244					
309	Yellow Span. (40) x " "	196	3/24							
3010	" " (38) x " "	67	3/24							
3011	Grafts " (38) x Yellow Span.	56	3/24							
3012	Dyehouse (5) x Pr. Tom.	496	3/28		259					
3013	Eng. Morello (35) x " "	697	3/28		210					1-1
3014	Ey. Richmond (17) x " "	781	3/28		165					
3015	Serb. Pie #1 x Bing	480	3/27		96					
3016	Ey. Richmond (4) x Pr. Tom.	396	3/27		224					
3017	Pr. Tom. (36) x Self	101	3/28							
3018	N251 (9) x Self	50	3/28							
3019	Schmidt (34) x Pr. Tom.	381	3/25		57					
3020	May Duke x Serb. Pie #1	84	3/28		2					1

## SEED AND SEEDLING RECORD

Fruit...Cherry.....

Year Pollinated...1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Cy. 3021	Serb. Pie #2 (46) x Schmidt	234	3/29		233					45
3022	" " #1 (43) x Bing	750	3/28		202					4
3023	Ey. Richmond (10) x Pr. Tom.	151	3/29							
3024	N251 (15) x " "	210	3/24		197					9
3025	Ey. Richmond (18) x " "	481	3/28		176					
3026	May Duke (30) x " "	970	4/10		6					
3027	Mont. (2) x " "	690	4/10		40					
3028	" (19) x " "	475	4/10		19					
3029	Serb. Pie #1 (42) x Bing	398	4/10		24					8
3030	" " #2 (47) x Yel. Span.	251	4/11		71					24
3031	Cherry (45) x Pr. Tom.	418	4/11		59					1
3032	Ey. Richmond (7) x " "	341	4/10		59					
3033	Cherry (11) x " "	474	3/11		68					
3034	Mont. (25) x " "	381	3/10		16					
3035	Eng. Morello (29) x " "	493	3/10		93					3
3036	" " (8) x " "	563	3/10		8					
3037	Reine Hortense (24) x " "	433	3/10		80					
3038	N2510 (126) x Schmidt	44	4/16							
3039	" (125) x " "	188	4/16							
3040	N2545 Selfed				76					

## SEED AND SEEDLING RECORD

Fruit.....Cherry.....

Year Pollinated.....1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed <del>Count</del> <del>Plump</del> <del>Set</del>	Location in Seedbed	No. Seedlings Dug
CyO	Pr. Japonica #1				Very early, no bitterness, dark red			24	} Picked Aug. 4, 1930	
	" #2				Good quality, oblate			23		
	" #4				Large, long pointed, light colored			63		
	" #5				Very large, roundish			139		
	" #6				Med. size, early, very dark colored			45		
	" #7				Large, roundish, light colored			40		
	" #8				Med size, very productive			299		
	" #9				Med. size, good quality, attractive			121		
	" #10				Large, firm, meaty red			30		
	" #11				Large, dark red, spritely			113		
	" #12				above med. size, light red, mild			58		
	" #13				rather small, red, very productive, attractive			313		
	" #14				Med. size, meaty good			67		
	" #15				Small, sweet, black			30		
	" #16				Large, dark red, meaty, good red flesh			14		
	" #17				Large, light red, juicy, cherry like			40		
	" #18				Large, dark red, mild, meaty			85		
	" #19				Med. size, very productive, mild, good			104		
	" #20				Large, meaty mild			273		

## SEED AND SEEDLING RECORD

Fruit Cherry.....Year Pollinated 1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	<i>No Fruit No Seed Germi- nated Matured</i>	Location in Seedbed	No. Seedlings Dug
Cy0 3060	Pr. Japonica #21				Med. size, black good very productive			375		
3061	" #22				large, firm, light red			106		
3062	" #23				large, firm, Very good.			101		
3063	" #24				large, firm			20		
3064	" #25				Med. size, very productive, mild			194		
3065	" #26				large, med soft, sour			27		
3066	" #27				Crisp, dark, good			23		
3067	" #28				Med. size, bitter red, very productive			366		
3068	" #29				small, crisp			258		
3069	" #30				large, crisp, Very good			86		
3070	" #31				Med. size, crisp			19		
3071	" #32				Very late			6		
3072	" #33				Very productive, crisp, good			204		
3073	" # 34				Acid, med. size			75		
3074	" #35				Med. productive, crisp, good			175		
3075	" #36				Med. sweet, soft			189		

## SEED AND SEEDLING RECORD

Fruit...Apple.....

Year Pollinated...1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Ae 301	#447 (14) x Red Duchess	15	3/17		4	22				
302	Golden Del.(36) x " "	63	3/15		11	72				
303	" " (38) x " "	74	3/15		2	15				
304	" " (44) x " "	73	3/15		10	67				
305	" " (39) x " "	68	3/15		9	74				
306	#447 (4) x " "	34	3/17							
307	Pine Grove Red(N2462) x Gold. Del	31	3/17							
308	Jonathon x Red Duchess	45	3/17		1	4				
309	Red Duchess(85) x Gold. Del.	48	3/15							
3010	" " (87) x " "	52	3/15							
3011	" " (9) x " "	84	3/15							
3012	" " (21) x " "	76	3/15							



1796  
433  
1363

1366

1796  
433  

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1363



## SEED AND SEEDLING RECORD

Fruit.....Pear.....

Year Pollinated..1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
PR 301	Lincoln (50) x #3	21	5/15							
302	" (48) x "	35	5/15							
303	" (4) x "									
304	" (49) x "	31	5/15							
305	" (46) x "	73								
306	Bartlett(37) x "	47							Trees of these crosses all died so no fruit ripened.	
307	" (38) x "	28	"							
308	" (39) x "	41	"							
309	Clapos Fav.(6) x #4	155	"							
3010	" " (24) x "	43	"							
3011	" " (15) x "	82	"							
3012	" " (28) x "	211	"							
3013	" " (20) x "	49	"							
3014	Mendal (10) x Zachman	433	"							
3015	" (9) x "	395	"							
3016	#1 Pear (31) x #4	27	"							
3017	" " (29) x "	22	"							
3018	Anjon (41) x #3	75	"							
3019	" (42) x #3	28	"							

1796

## SEED AND SEEDLING RECORD

Fruit. Pear.....

Year Pollinated...1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
PRO 301	#3 Open									
" 302	#4 "									
" 303	13-4-1									
" 304	13-4-4									
" 304	Mendel open					9				

Crosses made later are duplicates of some of the crosses on previous page.

## SEED AND SEEDLING RECORD

Fruit.....Hickory.....Year Pollinated...1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
301	Hickory x Altman Pecan (30 bags)		5/27							
302	" x Burket Pecan (22 "		5/27							
303	" x Texas Prolific (22 "		5/27		2			0		
304	" x Halbert Pecan (26 "		5/27							













## SEED AND SEEDLING RECORD

Fruit.....Grape.....

Year Pollinated.....1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Ge301	Salem x #11	11	6/23		Chickens					
Ge302										
Ge 303	#78 x Concord	18	6/25	18	309	958				
Ge304	#78 x #11	4	6/23	4	103	319				
Ge305	#78 x Janesville	4	6/25	4	89	276				
Ge306	#11 x Concord	8	6/25	6	36	48				
	Crossed Total			32	437	1201				
Ge307										
Ge308	Agawam x Self	28	6/20	26	403	1209				
GeS309	Janesville x Self.	4	6/21	4	45	135				
GeS3010	#54 x self.	12	6/21	8	97	191				
GeS3011	#13 x Self	9	6/21	9	290	870				
	Selfed Total			47	835	2405				
	Total no seeds of crosses				1600+					
	Total no seeds of selfs				2400±					
	Grand total				4000					





## SEED AND SEEDLING RECORD

Fruit...Muskmelon.....

Year Pollinated...1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Plot 33	Hearts of gold x E.E. Knight	15	7/31							
" 72	" " " x " " "	5	7/31							
" 111	" " " x " " "	5	7/31							
Plot 30	E.E. Knight x Hearts of Gold	7	7/31							
" 69	" " " x " " "	(No work done on this vine)								
" 108	" " " x " " "	6	7/31							

## SEED AND SEEDLING RECORD

Fruit...Walnut.....

Year Pollinated....1930.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Wal. 0301	Black 11-1-13 open				2					

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm. 311	Surprise (144) x Burbank	2/3							
312	Assin. (136) x "	2/19							
313	Surprise (163) x "	2/3							
314	Assin. (222) x "	2/13							
315	" (233) x "	2/19							
316	" (184) x "	2/13							
317	Winnipeg (155) x "	2/19							
318	Burbank (363) x Surprise	2/6			146				3
319	" (15) x "	2/4			27				11
3110	" (318) x "	2/4			25				
3111	Assin. (18) x Burbank	2/19							
3112	Older (450) x "	2/13							
3113	Burbank (370) x Surprise	2/16			6				
3114	" (352) x "	2/16			138				1
3115	Surprise (96) x Burbank	2/3							
3116	Assin. (342) x "	2/9							
3117	Older (447) x "	2/7							
3118	Assin. (121) x "	2/19							
3119	Surprise (457) x "	2/3							
3120	Assin. (324) x "	2/19							

1931

## SEED AND SEEDLING RECORD

Fruit.....Plum.....Year Pollinated...1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm. 3121	Burbank (365) x Surprise	2/6			58				1
3122	Assin. (506) x Burbank	2/19							
3123	Burbank (354) x Older	2/3							
3124	" (36) x "	2/6			161				1
3125	" (11) x "	2/3			24				3
3126	" (37) x "	2/6			27				1
3127	" (369) x Surprise	2/6			97				1
3128	" (346) x "	2/6			5				
3129	" (349) x Older	2/6			119	" <sup>9</sup>			8
3130	Surprise (143) x Burbank	2/11							
3131	Assin. #1 (554) x "	2/11							
3132	Burbank (76) x Surprise	2/4							
3133	" (23) x "	2/16			99				
3134	Assin. (519) x Burbank	2/19							
3135	" (431) x "	2/19			2				
3136	" (103) x "	2/19							
3137	" #1 (556) x "	2/19			4				
3138	S.D. 27 (413) x "	2/11			1				
3139	#198 (1) x #200	2/18	200						
3140	S.D. 27 (379) x Burbank	2/11			1				1

## SEED AND SEEDLING RECORD

✓  
Fruit..... Plum.....

Year Pollinated..... 1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs. Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm3141	Surprise (483) x Burbank	2/11							
Pm3142	Burbank (367) x Kaga	2/17			68				
Pm3143	S.D. 27 (381) x Burbank	2/23							
Pm3144	Burbank (340) x Kaga	2/18			106				1
Pm3145	#200 (1) x #194	2/17	267		43				5-1
Pm3146	#196 (1) x #201	2/17	1050		49				
Pm3147	Assin. (347) x Burbank	2/19			2				
Pm3148	#205 (1) x #210	2/17	298		3				
Pm3149	#194 (1) x #210	2/16	89		18				
Pm3150	Burbank (386) x S.D. 27	2/16							
Pm3151	Pm24112-1 x #194	2/23	789		60				
Pm3152	Burbank (55) x S.D. 27	2/16			2				
Pm3153	Native (254) x Burbank	2/23	600		6				1
Pm3154	Burbank (217) x #210	2/23			8				
Pm3155	" (18) x Surprise	2/16			117				4
Pm3156	" (19) x "	2/16			9				1
Pm3157	#209 (1) x #210	2/16	39						
Pm3158	Burbank (24) x #210	2/16			46				1
Pm3159	" (387 x Assin.	2/16			144				
Pm3160	" (63 x S.D. 27	2/16			109				5



## SEED AND SEEDLING RECORD

Fruit..... Plum .....

Year Pollinated..... 1931 .....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdls pl. in Seedbed	No. Sdls pl. in Nursery	No. Sdls Dug from Nursery	
Pm3161	#133 (337) x Burbank	2/23			39					
Pm3162	#205 (2) x #210	2/17	232							
Pm3163	#209 (2) x #208	2/17	160		35					2
Pm3164	Kaga (2) x Burbank	2/17			80					4
Pm3165	#201 (1) x #196	2/17	448		38					3
Pm3166	Native (160) x Burbank	2/24			9					2
Pm3167	" (488) x "	2/24	574		8					2
Pm3168	#201 (2) x #196	2/17	1104		54					
Pm3169	#210 (1) x #194	2/16	317		40					
Pm3170	" (2) x #194	2/16	51							
Pm3171	#208 (1) x #209	2/17	377		142					5
Pm3172	#196 (2) x #201	2/17	708		56					2
Pm3173	Sapa (230) x Marquette / Peach	2/14	856		12					1
Pm3174	#205 (3) x #210	3/9	613		35					
Pm3175	Blue Prune (29) x #5	3/16	560		2					
Pm3176	#201 (4) x #196	3/9	161							
Pm3177	#199 (1) x #210	3/8	5							
Pm3178	#200 x # 210	3/7	178		44					4
Pm3179	#211 (1) x #210	3/8	151							
Pm3180	#210 (3) x #194	3/8	85							

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm3181	211 (2) x #210	3/8	15						
Pm3182	201 (3) x Pr.Jap. 7	3/8	1001		14				
Pm3183	Krikon (34) x #102	3/16	132		2				
PM3184	" (38) x #102	3/16	176						
PM3185	210 (4) x #194	3/9	475		120				
Pm3186	#199 (2) x #196	3/9	650						
Pm3187	#203 x N2511	3/10	625		2				
Pm3188	#134 (560) x Pm24112-1	3/10	593		8				1
Pm3189	211 (3) x #208	3/14	110		7				
Pm3190	Krikon (39) x #102	3/16	265		1				
Pm3191	#207 (1) x #208	3/14	42						
PM3192	#208 (2) x #211	3/14	595		134				5
PM3193	#2 (3) x N2842 Peach	3/15	751						
Pm3194	#102 (1) x Krikon	3/15	173						
Pm3195	#103 (101) x Blue Prune	3/15	720		2				
Pm3196	#102 (2) x Pm24112-1	3/15	575		28				
Pm3197	#2 (4) x Blue Prune	3/15	543						
Pm3198	#2 (57) x Pr.Jap.1	3/15	377						
Pm3199	#2 (61) x Blue Prune	3/15	147						
Pm31100	#4 (51) x " "	3/15	221		6				

## SEED AND SEEDLING RECORD

Fruit..... Plum.....Year Pollinated..... 1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm31101	2 (56) x Blue Prune	3/15		341					
Pm31102	#5 (5) x Pm24112-1	3/16		1264					
Pm31103	#5 (353) x Pr. Jap. 6	3/16		694					
Pm31104	#17 (337) x Lemon Cling	3/16							
Pm31105	#12 (505) x Ames #11	3/15		135					
Pm31106	#8 (187) x " "	"		211					
Pm31107	#8 (376) x Marquette	3/16		198					
Pm31108	#8 (343) x " "	"		345	1				1
Pm31109	#5 (120) x Kaga	3/16			61				2
Pm31110	#5 (436) x #2	"							
Pm31111	#5 (364) x #209	"			3				1
Pm31112	#21 (362) x Eureka	"							
Pm31113	Older (410) x Blue Prune	3/17		866	108				
Pm31114	Blue Prune (28) x #5	3/16		681					
Pm31115	Italian Prune (112) x Older	3/21		51					
Pm31116	" " (114) x "	"		35					
Pm31117	Chabot (80) x Older	3/14		10	1				
Pm31118	Italian Prune (118) x "	3/21		36					
Pm31119	Oct. Purple (70) x "	3/11		211	9				2
Pm31120	#205 (4) x #211	3/14		180					

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated...1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm31121	Pond's Sdlg. (94) x Older	3/21	1111						
Pm31122	Oct. Purple (71) x "	3/11	132		29				1
Pm31123	#207 (3) x #211	3/14	88		5				
Pm31124	#83 (1) x #2	3/16	302		5				1
Pm31125	General Hand (16) x Older	3/17	88						
Pm31126	Diamond (5) x Older	3/17	118		4				1
Pm31127	#83 (2) x #2	3/16	676		28				2
Pm31128	#206 (1) x #207	3/17	702		48				3
Pm31129	#198 (1) x #210	3/18	231		8				
Pm31130	#2 (2) x Pr. Jap. 7	3/14	1019						
Pm31131	#207 (2) x #208	3/14	190						
Pm31132	#161 (1) x #83	3/16	360		32				
Pm31133	#161 (2) x #83	3/16	390		33				4
Pm31134	#2 (1) x Lemon Cling	3/14	793						
Pm31135	#161 (3) x #205	3/16	288		36				
Pm31136	Pond's Sdlg. (88) x #205								
Pm31137	" " (84) x #205				71				9
Pm31138	" " (86) x #205				5				
Pm31139	Shiro (1) x #105	3/19	89						
Pm31140	B X W 4 (64) x #83	3/24	341		25				1

## SEED AND SEEDLING RECORD

Fruit... Plum.....Year Pollinated... 1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdls pl. in Seedbed	No. Sdls pl. in Nursery	No. Sdls Dug from Nursery	
Pm31141	#91 (87) x #105	3/21	Est. 1050		46					5
Pm31142	N2511 x Rochester	3/7								
Pm31143	#91 (360) x #83	3/21	Est. 1255		114					8
Pm31144	#105 (567) x Shiro	3/19	Est. 999		30					11
Pm31145	Pm24112-4 x PH 237-1	4/4								
Pm31146	Pm2495-11 (1) x PH2310-1	3/30				4				
Pm31147	Pm2493-11 (1) x Pm23208-3	4/4				4				1
Pm31148	Pm2495-11 (2) x PH2310-1	3/30				2				
Pm31149	Pm23229-3 (1) x PH231-1	4/1				73				4
Pm31150	Pm2495-15 (1) x PH2414-2	4/2								
Pm31151	Pm2495-11 (3) x PH231-1	3/31								
Pm31152	Pm23229-2 x PH2414-3	4/2				3				2
Pm31153	Pm23178-4 x PH237-1	4/2				10				2
Pm31154	Pm2495-11 (4) x PH2310-1	3/30				4				
Pm31155	Pm23189-4 x PH2414-3	4/2				9				4
Pm31156	Pm2495-15 (2) x PH2310-3	4/4								
Pm31157	Pm2495-6 x PH231-1	4/4								
Pm31158	----- (1) PH231-1	4/4								
Pm31159	Pm2493-15 x PH2310-3	4/2				121				4
Pm31160	Pm23178-1 x PH237-1	4/4				24				6

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated..1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm31161	Pm24112-4 x PH237-1	4/4							
Pm31162	<sup>Plum x Peach</sup> Pm23178-4 x Pm24110-39	4/10							
Pm31163	Pm24110-39 x Pm2394-1	4/10			257				190
Pm31164	Pm2394-3 (1) x Pm24110-3	4/10			19				18
Pm31165	<sup>Plum x Peach</sup> Pm23159-2 x Pm2493-10	4/19			238				37-65
Pm31166	Pm23189-8 (1) x Pm2394-1	4/10			38				
Pm31167	Pm24217 x Pm2499-7	4/14			56				23
Pm31168	Pm2472-1 (1) x Pm2394-3	4/10			176				36
Pm31169	Pm24102-3 x Pm2499-7	4/10			80				1
Pm31170	<sup>Plum x Peach</sup> Pm2495-15 x Pm24110-18	4/10							
Pm31171	Pm2499-7 x Pm24110-18	4/10			218				10-75-5
Pm31172	<sup>Plum x Peach</sup> Pm2472-5 (1) x Pm2493-10	4/9			43				
Pm31173	Pm23189-8 (2) x Pm2499-7	4/10			160				70
Pm31174	<sup>SELT x MONARCH</sup> Pm2472-1 (2) x <sup>MONARCH</sup> Pm2394-3	4/10			79				18
Pm31175	Pm24110-3 x Pm2394-3	4/9			288				60-99
Pm31176	Pm2472-2 x Pm2499-7	4/10							
Pm31177	----- (2) x Pm2394-3	4/10			505				20-80-170
Pm31178	<sup>Plum x Peach</sup> Pm2493-10 x Pm24110-18	4/9			94				7
Pm31179	Pm2472-1 (3) x Pm24110-18	4/10			127				32
Pm31180	Pm2394-1 x Pm24110-3	4/10			354				10-90-92

## SEED AND SEEDLING RECORD

Fruit..... Plum.....Year Pollinated... 1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm31181	<i>S x M mounds</i> Pm2472-1 (4) x Pm24102-3	4/10			168				40
Pm31182	Pm2394-3 (2) x Pm24102-3	4/10			262				20-127
Pm31183	Pm24110-18 x Pm2394-1	4/10			221				80-121
Pm31184	Pm24110-21 x Pm2394-3	4/9			59				48
Pm31185	Pm24189-2 x Pm2499-7	4/10			236				78-74
Pm31186	Pm2472 -5 (2) x Pm2394-1	4/10			81				30
Pm31187	Tonka x Monitor	5/3		1					
Pm31188	Underwood x Tonka	5/3		1					
Pm31189	LaCrescent x Golden Rod	5/3		2	2				
Pm31190	LaCrescent x Red Wing	5/2		1	1				
Pm31191	LaCrescent x Tonka	5/2		6	4				
Pm31192	LaCrescent x Underwood	5/2		4	6				1
Pm31193	Monitor x Underwood	5/3		6	6				
Pm31194	Monitor x Tonka	5/3		23	16				
Pm31195	Red Wing x Monitor	5/3		1					
Pm31196	Red Wing x Underwood	5/2		1	1				
Pm31197	Red Wing x LaCrescent	5/2		1					
Pm31198	Elliot x Monitor	5/3		2					
Pm31199	Elliot x Red Wing	5/3		1					
Pm31200	Nicollet x Oka	5/8*		9					
Pm31201	Oka x Nicollet	5/12		24	31				2

Field Pollination  
by hand.

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.....1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery	
PM 31202	Zumbra x Nicollet (bouquet under tent with bees)				75%	1280				120-172
PM 31203	Tom Thumb x Oka (bees & tent)				16	33				2
Pm 31204	Oka x Tom Thumb (bees in tent)					2				
Pm031205	Oka open					106				15
Pm031206	Tom Thumb open									
Pm031207	(Pm24143-3B-22-30) } Attractive red Sand Cherry hybrid. Qual. poor.					450				97
Pm031208	Nicollet Open Pol.					348				104
PM031209	Zumbra Open Pol.					1004				100-266
Pm031210	LaCrescent Open Pol.					508				10-104
Pm 31211	Nicollet x Zumbra					4				2
PM031212	Swedish Krikon open					78				17
Pm031213	Pm2399-2 Pm x PH Open					45				20
Pm031214	Pm2399-2 " " "					20				6
Pm031215	Pm2394-14 Pm Pm Open					47				5
Pm031216	Pm2499-5 Pm Pm Open					82				74
Pm031217	Pm24189-2 Pm pm Open					33				18
Pm031218	Russian Green Gage Open									1
Pm031219	Pm2493 (#8 x Lemon Cling (3B-22-54)									3
Pm0 31220	Pm2493 (#8 x Lemon Cling (3B-22-55)					5				2
Pm 31221	Pm23208-3 x P H 231-1					163				13-70



## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated...1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm031222	Tokata open				212				34-27
Pm031223	Pm23189-4 Pm Pm Open				60				17
Pm031224	Pm24189-2 " " "								20
Pm031225	Pm23189-5 " " "								26
Pm031226	Pm2394-2 " " "								15
Pm031227	#105 Open								$\frac{1}{2}$ Pk.Pits
Pm031228	Lombard open (From P.I.G								
Pm031229	Bohemian Prune N2537 open				228				7
Pm031230	Pm24102-3 Open Pm Pm				121				16-38
Pm031231	Pm24110-37 " " " PH				95				55
Pm031232	Pm2394-1 " " "				94				
Pm031233	Pm24110-31 " " "				18				8
Pm031234	Pm2499-7 " Pm PH				46				8
Pm031235	Pm23229-3 " Pm Pm				51				7
Pm031236	Pm24102-1 " " "				103				67
Pm031237	Pm23189-6 " " "				75				29
Pm031238	Pm24110-36 " Pm PH				68				39
Pm031239	Pm24110-8 " Pm Pm				53				4
Pm031240	Pm23189-8 " " "				51				13
Pm031241	Pm24110-1 " " "				49				12

## SEED AND SEEDLING RECORD

Fruit.....Plums.....

Year Pollinated.....1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs. Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery	
Pm031242	Pm24110-39 Open PmPH				113					48
Pm031243	Pm24110-14 " Pm Pm				71					9
Pm031244	Pm23189-7 " " "				41					6
Pm031245	Kaga Open				192					2
Pm031246	N31137 Open				134					44
Pm031247	Pm24110-10 Open Pm Pm				3					1
Pm031248	Pm24112-1 " Pm PH				4					
Pm031249	Pm24110-13 " Pm Pm				15					15
Pm031250	Pm24110-23 " " "				45					
Pm031251	Pm23189-7 " " "				28					6
Pm031252	Pm23208-3 " Pm PH				9					3
Pm031253	Pm24110-13 " Pm Pm				5					
Pm031254	Pm24110-37 " " "				42					15
Pm031255	Pm2499-8 " " "				2					
Pm031256	Pm2394-1 " " "				60					38
Pm031257	Pm24110-3 " " "				5					1
Pm031258	Pm24110-31 " " "				46					27
Pm031259	Pm2499-3 " " "				10					5
Pm031260	Pm2472-5 " " "				5					3
Pm031261	Pm23189-5 " " "				47					4

## SEED AND SEEDLING RECORD

Fruit.....Plum.....Year Pollinated.1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plum Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery
Pm031262	Pm2483-2 Open Pm Pm				5				
Pm031263	Pm23207-19 " " "				1				
Pm031264	Pm24110-36 " " "				10				8
Pm031265	Pm24110-37 " " "				48				25
Pm031266	Pm2499-3 " " "				20				16
Pm031267	Pm24110-14 " " "				47				37
Pm031268	Pm2499-4 " " "				6				4
Pm031269	Pm23208-3 " Pm PH				9				4
Pm031270	Pm24189-2 " Pm Pm				15				5
Pm031271	Pm23207-1 " " "				5				3
Pm031272	Pm2394-3 " " "				10				9
Pm031273	Pm24102-1 " " "				54				46
Pm031274	Pm23189-7 " " "				1				
Pm031275	Pm23159-1 " " "				26				20
Pm031276	Pm24110-18 " " "				21				17
Pm031277	Pm24110-28 " " "				15				9
Pm031278	Pm24110-18 " " "				15				10
Pm031279	Pm23189-6 " " "				14				4
Pm031280	Pm24110-20 " " "				43				29
Pm031281	Pm23164-3 " " "				6				

## SEED AND SEEDLING RECORD

Fruit.....Plum.....

Year Pollinated.1931.....

Breeding No	CROSS	Date Pol.	No. Flrs. Pol.	No. Flrs Set	No. Fruit Matured	No. Plump Seed	No. Sdgs pl. in Seedbed	No. Sdgs pl. in Nursery	No. Sdgs Dug from Nursery	
Pm031282	Pm23189-60 Open Pm Pm				79					39
Pm031283	Pm23159-3 " " "				28					
Pm031284	Pm2394-1 " " "				55					10
Pm031285	Pm24110-29 " Pm PH				18					3
Pm031286	Pm23159-3 " Pm Pm				33					
Pm031287	Pm23207-15 " " "				4					2
Pm031288	Pm2472-1 " " "				25					1
Pm031289	Pm2493-2 " Pm PH				3					
Pm031290	Pm2394-3 " Pm Pm				11					
Pm031291	Pm24110-39 " " "				36					15
Pm031292	Pm24110-18 " " "				61					32
Pm031293	Pm23189-8 " " "				12					2
Pm031294	Pm23189-6 " " "				1					
Pm031295	Pm2499-8 " " "				21					11
Pm031296	<del>Pm</del> N31138 Small European Plum (Vikla)				90					12
Pm031297	Pm2499-3 Open Pm Pm				3					2
Pm031298	Pm2495-2 Pm PH				24					6
Pm031299	Pm24110-8 Open Pm Pm				29					9
Pm031300	Pm2399-2 " Pm PH				2					1
Pm031301	Pm23159-3 " " "				16					1



## SEED AND SEEDLING RECORD

Fruit... Peach.....

Year Pollinated... 1931.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
PH311	S. Haven (64) x Older		37 2/27							
PH312	" (62) x "		5 "		1					
PH313	" (61) x "		14 "							
PH314	" (63) x "		3 "							
PH315	Ames #11 x Native (160)		98 "		2					1
PH316	N2842 (1) x Surprise		58 "							
PH317	" (2) x "		145 "		2					
PH318	Marquette (1) x S. Dak. 27		202 "							
PH319	" (2) x "		178 "							
PH3110	" x Pm24112-1		244 "							
PH3111	Rochester (29) x Native (254)		35 "							
PH3112	N2829 x " "		53 "							
PH3113	Peach from Gates (16) x " (254)		101 "		3					
PH3114	T.H. Hale (38) x Native 7		2							
PH3115	Lemon Cling (22) x Older (488)		171 "		2					
PH3116	Mich. Ph. (N2456) x Native (488)		"							
PH3117	" " (58) x "		13							
PH3118	Eureka (48) x "		17		1					
PH3119	" (49) x "		103		3					
PH3120	PH249-1 (2) x Pm23208-3		4/4							

## SEED AND SEEDLING RECORD

Fruit.....Peach.....

Year Pollinated..1931.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
PH3121	PH248-1 x Pm23208-3		4/4		17					
PH3122	PH237-1 (1) x Pm23189-4		4/4		2					
PH3123	PH2310-4 (1) x Pm23189-4		4/4		4					
PH3124	N2811 x N2511		4/4							
PH3125	PH2310-4 (2) x Pm23189-4		4/4							
PH3126	PH237-1 (2) x Pm23229-2		4/4		1					
PH3127	PH248-3 x Pm23229-2		4/4		3					
PH3128	N2832 x N2511		4/4							
PH3129	PH249-1 (1) x Pm23229-2		4/4		7					1
PH3130	PH2414-4 x Pm23229-2		4/4		3					
PH3131	PH231-1 (1) x Pm23229-2		4/4		3					
PH3132	PH231-1 (2) x Pm2495-15		3/31		11					
PH3133	PH2310-1 (1) x Pm23229-3		3/31							
PH3134	PH2310-2 x Pm23229-2		4/4							
PH3135	PH2310-3 (2) x Pm23229-2		4/2		4					
PH3136	PH2414-3 x Pm23229-3		3/31		2					
PH3137	PH2310-1 (2) x PH2394-15		3/31		31					4
PH3138	PH2310-1 (3) x Pm23229-3		3/31		11					4
PH03139	PH231-2 PH.Pm. open				35					7
PH03140	PH2310-1 " " "				2					

## SEED AND SEEDLING RECORD

Fruit..... Peach.....

Year Pollinated..... 1931.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
PHO3141	PH231-2 PH.Pm. Open				50					6
PHO3142	PH231-2 PH.Pm. Open				27					
PHO3143	PH231-2 " " "				32					2
PHO3144	Bokara Peach Open - P.I.G.				10					5
PHO3145	Marquette Peach Open				116					26
PHO3146	N2841 (Ames 11/ 14062				57					4
PHO3147	Quetta Nectarine				6					1
PHO3148	PH237-3 Open				57					18
PHO3149	PH2310-3 "				16					
PHO3150	PH243-3 "				17					
PHO3151	PH232-1 "				15					7
PHO3152	PH237-3 "				7					2
PHO3153	PH232-1 "				7					1
PHO3154	Nectarine				1					3
PHO3155	PH237-2				18					
PHO3156	PH236-1				13					
PHO3157	PH248-1				33					3
PHO3158	N2840 #18/14079				106					11
PHO3159	PH2419-1 Open				39					13
PHO3160	PH248-1 "				19					1



## SEED AND SEEDLING RECORD

 ✓  
 Fruit..... Peach.....

Year Pollinated..... 1931.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
PH03161	PM233-1 Open				5					2
PH03162	N2842 Ames 17/14079 Open				146					24-19
PH03163	PH239-1 Open									3
PH03164	PH248-5 "									1
PH03165	PH248-3 "									2
PH03166	PH2414-4 "				4					
PH03167	PH235-1 "				16					1
PH03168	PH243-7 "				23					3
PH03169	PH235-1 "				17					

## SEED AND SEEDLING RECORD

Fruit.....Cherry.....

Year Pollinated...1931.....

Breeding No.	CROSS		No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Cy311	Pr. Tom.	(36) x Burbank	621	2/23		8					6
Cy312	" "	(9) x "	601	"							
Cy313	" "	(16) x "	40	"		1					1
Cy314	" "	x "	1500	"							
Cy315	Pr. Jap. #1	x Pr. Tom.	723	2/27		35					12
Cy316	" "	#3 x " "	298			43					29
Cy317	" "	#7 x " "	837			145					15
Cy318	" "	#2 x " "	895			125					55
Cy319	" "	#8 x " "	829			150					23
Cy3110	" "	#9 x " "	305			148					22
Cy3111	" "	#6 x " "	861			15					5
Cy3112	" "	#5 x " "	655			50					30
Cy3113	Cherry (45)	x Pr. Jap #8		3/15		14					
Cy3114	Eng. Morello (35)	x Pr. Jap 8		"		28					
Cy3115	Tom Thumb (95)	x Pr. Jap. 6		3/14							
Cy3116	Serb. Pie #1 (43)	x Yellow/ <sup>Spanish</sup>		3/14		38					
Cy3117	Schmidt (34)	x Pr. Tom.		3/10		6					
Cy3118	Montmorency (2)	x Tom Thumb		3/18		18					
Cy3119	Pr. Tom (15)	x Pr. Jap. 7	631	3/2							
Cy3120	N2545 Pr. Tom.	x N2511 Sib. Almond		3/17							

## SEED AND SEEDLING RECORD

Fruit...Cherry.....Year Pollinated...1931.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Cy3121	Montmorency (25) x Sapa		3/18		19					
Cy3122	Reine Hortense (23) x Pr.Tom.		3/17		36					
Cy3123	Cherry (11) x Pr.Jap.#8		3/15		13					
Cy3124	Ey.Richmond (7) x Tom Thumb		3/18		10					
Cy3125	Serb.Pie #1(42) x Yellow Spanish		3/11		118					
Cy3126	Yellow Spanish (and grafts) (38) x Pr.Jap.2		3/10							
Cy3127	Eng.Morello(1) x Pr.Jap.1		3/17		5					
Cy3128	Ey.Richmond (17) x Tom Thumb		3/17		17					
Cy3129	Yellow Spanish (4) x Pr.Jap.7		3/10							
Cy3130	Serb.Pie #1(1) x Yellow Spanish		3/10		18					
Cy3131	May Duke (1) x Pr.Tom.		3/10		8					
Cy3132	Eng.Morello (8) x Pr.Tom.		3/18		9					
Cy3133	Dyehouse (5) x " "		3/18		12					
Cy3134	Cherry (18) x " "		3/16		67					
Cy3135	Montmorency (6) x Sapa		3/18		8					
Cy3136	Reine Hortense (24) x Serb.Pie 1		3/17		44					2
Cy3137	May Duke (30) x Pr.Jap.2		3/10		1					
Cy3138	Pr. Tom.(15) x May Duke		3/17							
Cy3139	Yellow Spanish (39) x Pr.Jap.#2		3/10							
Cy3140	Ey.Richmond (4) x Tom Thumb		3/17		20					

## SEED AND SEEDLING RECORD

Fruit.....Cherry.....

Year Pollinated. 1931.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Cy3141	Eng Morello (29) x Sapa		3/17		23					
Cy3142	Serb.Pie #2 (47) x Tom Thumb		3/24							
Cy3143	Montmorency (19) x Tom Thumb		3/18		11					
Cy3144	Bing (32) Pr. Jap. #6		3/10							
Cy3145	Montmorency (3) x Pr.Jap.#5		3/18		19					1
Cy3146	Ey.Richmond (21) x Tom Thumb		3/18		12					
Cy3147	Tom Thumb (97) x Bing	994	3/14							
Cy3148	(Sweet Choke Cherry N2510/(125) x Pr.Jap.#5		3/21							
Cy3149	" x Tom Thumb		"							
Cy3150	" x Sapa		"							
Cy3151	N2510 (126) x Blue Prune		"		1					
Cy3152	" x May Duke		"							
Cy3153	" x Serb.Pie #1		"							



## SEED AND SEEDLING RECORD

Fruit.....Cherry.....

Year Pollinated 1931.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Cy03166	N28157 (Sour Cherry from Norden)				P.I.G. 4-7 & 10				(2 lots of seed)	4-4
Cy03167	Cy2314 (3-21-25)				Eng. Morello x Vladivir					
Cy03168	Cy2321 (3-21-78)				Eng. Morello x Pr. Tomentosa					1
Cy03169	Cy232 (3-18-30)				Vladimir x Zumbra					2
Cy03170	Cy233 (3-18-39)				Vladimir x Sand Cherry					
Cy03171	Cy2324 (3-20-60)				Cherry x Pr. Tomentosa.					1-122
Cy03172	Cy233 (3-18-43)				Vladivir x Sand Cherry					
Cy03173	Cy232 (3-18-17)				" x Zumbra					
Cy03174	Cy2315 (3-19-54)				Eng. Morello x Vladivir					1
Cy03175	Cy2335 (3-21-82)				Montmorency x Pr. Tomentosa					3
Cy03176	Cy2314 (3-21-12)				Eng. Morello x Vladivir					1
Cy03177	Cy2315 (3-20-8)				" x "					2
Cy03178	Cy2315 (3-19-33)				" x "					
Cy03179	Cy233 (3-18-37)				Vladivir x Sand cherry					
Cy03180	N28153 (P.I.G. 4-16 & 17)				from Norden.					11
Cy03181	N28154 (P.I.G. 4-3)				" "					6
Cy03182	Cy2315				Eng. Morello x Vladivir (3-19-51)					7
Cy03183	Cy2324				Cherry x Pr. Tomentosa (3-20-39)					
Cy03184	Cy2324				Cherry x " (3-20-21)					

## SEED AND SEEDLING RECORD

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Fruit.....Cherry.....

Year Pollinated...1931.....

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
Cy03185	Cy231 Eng. Morello x Pr. Tomentosa				(3-21-3)					
Cy03186	Cy232 Vladivir x Zumbra				(3-18-16)					
Cy03187	Cy232 " x "				(3-18-6)					
Cy03188	Cy2314 Eng. Morello x Vladivir				(3-21-19)					

## SEED AND SEEDLING RECORD

Fruit GrapeYear Pollinated 1931

Breeding No.	CROSS	No. Fls. Pol.	Date Pol.	No. Fls. Set	No. Fruit Matured	No. Plump Seed	No. Aborted Seed	No. Seed Germinated	Location in Seedbed	No. Seedlings Dug
GE311	Winchell x No. 11				0					
GE312	No. 11 x Janesville (?) Concord				21					
GE313	Concord x Janesville				70					
GE314	No. 11 x Self				129					
GE315	Niagara x Self				119					
GE316	Janesville x Self				359					
GE317	Winchell x Self				71					
GE318	Concord x Self				161					
GE319	No. 231 x Self (10-73-43)				204					
				Total	1134					















