

# HYBRID CHESTNUT TEST PLOT

Montgomery County Recreational Park  
Green Lane, Pennsylvania

Established Spring, 1949.



E1 4/8/46 JAXC Comm.		E32 JAXC 23/46 Comm.		E59 17/46 (A58) JAXC Comm.		E92 164 Md.	
E3		E33 23/46 JAXC Comm.		E60 7348 Md.		E93 846 Md.	
E4		E31 34/47 Comm.		E61 1046 Md.		E94 10344 Md.	
E5		E34 58602		E91		E95	
E6		E35		E62 1746 XQ25 Md.		E96 1346 Md.	
E7		E36 1746 Md.		E65 17/46 (A58) JAXC Comm.		E89 58602 S.S. Md.	
E8		E37 58602		E66 58602		E97 58602	
E9		E38 58602		E67		E98 40/47 Comm.	
E10		E39 34/47 Comm.		E68 6745 T90X40 Md.		E99 2946 Md.	
E11		E40 188#6 Md.		E69 58602		E100 58602	
E12		E41 66037		E70 5847 Md.		E101 58602	
E13		E42 44/47 Comm.		E71 13144 Md.		E102 40/47 Comm.	
E14		E43 31/47 Comm.		E72 58602		E103 40/47 Comm.	
E15		E44 1344 Md.		E73 58602		E104 58602	
E16		E45 66037		E74 #646 Md.		E105 58602	
E17		E46 41/47 Comm.		E75 ?		E106 58602	
		E47 1646 Md.		E76 40/47 Comm.		E107 58602	
						E108 58602	
						E109 58602	
						E110 58602	
						E111 58602	
						E112 58602	
						E113 58602	
						E114 58602	
						E115 58602	
						E116 58602	
						E117 58602	
						E118 58602	
						E119 58602	
						E120 58602	
						E121 58602	
						E122 58602	
						E123 58602	
						E124 58602	
						E125 58602	
						E126 58602	
						E127 58602	
						E128 58602	
						E129 58602	
						E130 58602	
						E131 58602	
						E132 58602	
						E133 58602	
						E134 58602	
						E135 58602	
						E136 58602	
						E137 58602	
						E138 58602	
						E139 58602	
						E140 58602	
						E141 58602	
						E142 58602	
						E143 58602	
						E144 58602	
						E145 58602	
						E146 58602	
						E147 58602	
						E148 58602	
						E149 58602	
						E150 58602	
						E151 58602	
						E152 58602	
						E153 58602	
						E154 58602	
						E155 58602	
						E156 58602	
						E157 58602	
						E158 58602	
						E159 58602	
						E160 58602	
						E161 58602	
						E162 58602	
						E163 58602	
						E164 58602	
						E165 58602	
						E166 58602	
						E167 58602	
						E168 58602	
						E169 58602	
						E170 58602	
						E171 58602	
						E172 58602	
						E173 58602	
						E174 58602	
						E175 58602	
						E176 58602	
						E177 58602	
						E178 58602	
						E179 58602	
						E180 58602	
						E181 58602	
						E182 58602	
						E183 58602	
						E184 58602	
						E185 58602	
						E186 58602	
						E187 58602	
						E188 58602	
						E189 58602	
						E190 58602	
						E191 58602	
						E192 58602	
						E193 58602	
						E194 58602	
						E195 58602	
						E196 58602	
						E197 58602	
						E198 58602	
						E199 58602	
						E200 58602	



Plot #16 *you can't see*

dbh. ht. blight Form

1 of 2

			dbh.	ht.	blight	Form			
1 CT	JAXC. replt.	1980	5.2	45	5	3		48/46	R4T12 x R1T9
7 CT	(A x 58) x CJA		9.3	50	5	2		46/47	R4T9 x R5T13
9 CT	"		3.7	25	2	1		46/47	
14 C	58602 intercross		9.3	50	5	2		143-B-44	66037 jaynes
15 C	"		4.7	40	4	2		164-B-44	
20 C	"		5.0	35	2	2		149-D-44	66037 jaynes
23 CT	CXA B-1A, Red		10.4	50	3	2		47-44	R1T13 x Beth. Red.
24 C	58602 intercross		6.0	50	5	5		164-E-44	
25 C	"		4.3	25	5	1		164-D-44	
31 CT	AC x (C x JA)		2.2	20	4	1		47/34	R10T12 x RBT14
34 C	58602 intercross		4.8	50	5	3		164-C-44	
63 CT	(?)		7.1	55			Berry, 1980		
37 C	"		6.4	50	4	3		149-F-44	
38 C	"		5.5	50	4	3		162-C-44	
40 MD	AO.P. jaynes		11.5	55	2	3		FR188#6	
44 MD	(0-16 x cult J) x C		8.1	55	5	5	Berry, 1980	1344	Jaynes AX (C, A) #1346
51 CT	CX (J x J.A) c?		3.6	60	5	4	" 1980	47/18	T10?
56 CT	CX (J x J.A)		8.8	55	5	4	" 1980	47/10	R1T15 x R#HT31
62 MD	(C x J) x J		5.7	55	3	2	Jaynes	C, AX C	17435 x Q28 or 3245 58602 intercross?
69 C	58602 intercross		7.5	55	4	3		137-F-44	
83 C	"		5.1	40	3	1		146-B-44	66037 jaynes
87 C	"		8.7	55	5	3		150-E-44	
68 MD	timber-type C x H		4.0	30	2	1		T30 x HB121	6145



		d.Bh											
92 MD	58602	interior	5.7	45	5	2		164					
94 C			6.2	50	5	3		FP 1445	C from Yunnan Prov. <sup>1950 replt.</sup>				

Jayne's copy of plan differs in a few places - has E and Fourbers

Green Lane, Penn.

W Ho Quinque, Supt.

Upper Perkiomen Valley Park

3/11/49 - 75 # 58602 hybrids per attached list

3/7/50 - 4 7P-1445 (53984) C. mollissima

4 7P-1320 (58602) do

3 hybrids (see order for kinds)

SHIP. Express prepaid (March 11, 1949)

FROM: Beltsville

ORDER DATE: March 22, 1949

DIVISION OF  
PLANT EXPLORATION AND INTRODUCTION  
BUREAU OF PLANT INDUSTRY  
U. S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D. C.



hm

Shipped 3/16/49 *W.*

WT. OF SHIPMENT Est. 45 LBS.

NOTE: REPORT TO WASHINGTON IF MATERIAL DOES NOT ARRIVE IN GOOD CONDITION.



Otto Quinque, Supt.  
 Upper Perkiomen  
 Valley Park  
 Green Lane, Pennsylvania

111 C 44 545 58602 x 8-8 #7	PI-58602 intercross mollissima x seguini 1945 hybrid	5-1 x 3-2 59538 x 59738
1945 hybrid 162 G 44 1146	PI-58602 intercross dentata backed on F <sub>1</sub>	5-5 x 1-5 FP-555 x 107832
T-30 x HB 12(6145) 137 F 44 5946	Timber type mollissima x henryi PI-58602 intercross mollissima x dentata F <sub>2</sub>	1-5 x 5-1 34735 x 38235
FP-188 #6 162 F 44 746	C. dentata O.P. PI-58602 intercross dentata backed on F <sub>1</sub>	1944 hybrid 5-5 x 1-5 FP-555 x 107832
140 E 44 4746 8144	PI-58602 intercross Forest type mollissima backed on F <sub>1</sub> cultivated Jap x dentata F <sub>2</sub>	5-1 x 1-5 L-35 x 37335
162 546 6844	PI-58602 intercross mollissima x dentata F <sub>2</sub> mollissima x dentata backed twice on mollissima	5-5 x 5-1 34735 x 38235
5746 10944 149 H 44	mollissima x dentata F <sub>2</sub> cultivated Jap x dentata PI-58602 intercross	54735 1-5 x 5-5
146 B 44 2946 149	PI-58602 intercross dentata backed on F <sub>1</sub> PI-58602 intercross	1-4 x 5-5 34335 x FP-555 1-5 x 5-5
1346 158 D 44 15144	dentata backed on F <sub>1</sub> PI-58602 intercross Cultivated Jap x dentata F <sub>2</sub>	FP-555 x 107832 1-4 x 5-1
1646 17435 X T-30 1344	dentata backed on F <sub>1</sub> timber type mollissima backed on MXD F <sub>1</sub> O-16 x cultivated jap backed on mollissima	FP-555 x 107832
1046 17435 x Q-28 645	<del>dentata backed on F<sub>1</sub></del> PI-58602 intercross mollissima x seguinii F <sub>2</sub>	FP-555 x 107832 cultivated Jap backed on M X D F <sub>1</sub> 59538 x 59738
17435 x T-30 1145 5846	Timber type mollissima backed on M X D F <sub>1</sub> mollissima x seguinii F <sub>2</sub> mollissima x dentata F <sub>2</sub>	59538 x 59738 34735 x 38235
162 D 44 646 13144	PI-58602 intercross dentata backed on F <sub>1</sub> mollissima x pumila F <sub>1</sub>	5-5 x 1-5 FP-555 x 107832

164	PI-58602 intercross	5-5 x 5-1
846	dentata backed on F <sub>1</sub>	FP-555 x 107832
13044	mollissima x pumila F <sub>1</sub>	
946	dentata backed on F <sub>1</sub>	FP-555 x 107832
58602 x S-8		
150 E 44	PI-58602 intercross	3-2 x 1-4
149 F 44	PI-58602 intercross	1-5 x 5-5
162 C 44	PI-58602 intercross	5-5 x 1-5
1746	dentata backed on F <sub>1</sub>	FP-555 x 107832
2846	dentata backed on F <sub>1</sub>	34335 x FP-555
FP-555 x N-35	dentata backed on timber type	mollissima
FP-188 #4	C. dentata O. P.	
139 B 44	PI-58602 intercross	3-2 x 5-1
164 C 44	PI-58602 intercross	5-5 x 5-1
141 B 44	PI-58602 intercross	5-1 x 3-2
143 B 44	P.I. 58602 intercross	5-5 x 1-4
164 B 44		5-5 x 5-1
158 H 44		1-4 x 501
FP-188 #7	C. dentata O.P.	
150 B 44	PI-58602 intercross	3-2 x 1-4
151 C 44	PI-58602 intercross	<del>3-2</del> x 5-3
149 D 44	PI-58602 intercross	1-5 x 5-5
160 B 44	PI-58602 intercross	5-3 x 3-2
5246	mollissima x dentata F <sub>2</sub>	34735 x 38235
150 C 44	PI-58602 intercross	3-2 x 1-4
164 D 44	PI-58602 intercross	5-5 x 5-1
164 E 44	PI-58602 intercross	5-5 x 5-1
12744	mollissima x pumila F <sub>1</sub>	
155	PI-58602 intercross	5-1 x 5-5
159	PI-58602 intercross	5-3 x 1-5
136 B 44	PI-58602 intercross	1-5 x 3-2
146 J 44	PI-58602 intercross	1-4 x 5-5
155 C 44	PI-58602 intercross	5-1 x 5-5
149 E 44	PI-58602 intercross	1-5 x 5-6
140	PI-58602 intercross	5-1 x 1-5
152 D 44	PI-58602 intercross	3-2 x 5-5