

Rht Isolines Survey 2013 – Summary

4 out of 4 of plants grown from the primary stock of each of the following lines tested positive for the correct Rht allele. More details can be found in

\\ji-cfs2-crlsdb\The JIC Public collections\QA_Molecular\GRU Rht Isolines

GRU Store Code	Collection Source	Plant ID	Year	Accession Name
W9314	BBSRC_Wheat	22446	1997	Mercia Isogenic Rht1
W9316	BBSRC_Wheat	22448	1997	Mercia Isogenic Rht1
W9318	BBSRC_Wheat	22450	1997	Mercia Isogenic Rht1
W9321	BBSRC_Wheat	22453	1997	Mercia Isogenic Rht2
W9322	BBSRC_Wheat	22454	1997	Mercia Isogenic Rht2
W9324	BBSRC_Wheat	22456	1997	Mercia Isogenic Rht3
W9325	BBSRC_Wheat	22457	1997	Mercia Isogenic Rht3
W9326	BBSRC_Wheat	22458	1997	Mercia Isogenic Rht8
W9327	BBSRC_Wheat	22459	1997	Mercia Isogenic Rht10
W9328	BBSRC_Wheat	22460	1997	Mercia Isogenic Rht10
W9329	BBSRC_Wheat	22461	1997	Mercia Isogenic Rht12
W9330	BBSRC_Wheat	22462	1997	Mercia Isogenic Rht12
W9334	BBSRC_Wheat	22466	1997	Cappelle Isogenic Rht1
W9335	BBSRC_Wheat	22467	1997	Cappelle Isogenic Rht1
W9336	BBSRC_Wheat	22468	1997	Cappelle Isogenic Rht1
W9337	BBSRC_Wheat	22469	1997	Cappelle Isogenic Rht1
W9338	BBSRC_Wheat	22470	1997	Cappelle Isogenic Rht2
W9340	BBSRC_Wheat	22472	1997	Cappelle Isogenic Rht2
W9341	BBSRC_Wheat	22473	1997	Cappelle Isogenic Rht3
W9588	BBSRC_Wheat	22715	1999	Bizel Rht2
W9597	BBSRC_Wheat	22724	1999	Burt Rht1
W9598	BBSRC_Wheat	22725	1999	Burt Rht2
W9599	BBSRC_Wheat	22726	1999	Burt Rht3
W9600	BBSRC_Wheat	22727	1999	Burt Rht1+ Rht2
W9608	BBSRC_Wheat	22735	1999	Centana Rht1+ Rht2
W9609	BBSRC_Wheat	22736	1999	Centana Rht3
W9615	BBSRC_Wheat	22742	1999	Comtal (Rht2 carrier)
W9616	BBSRC_Wheat	22743	1999	Comtal Rht1 + Rht2
W9656	BBSRC_Wheat	22783	1999	Itana Rht1
W9657	BBSRC_Wheat	22784	1999	Itana Rht1 + Rht2
W9658	BBSRC_Wheat	22785	1999	Itana Rht2
W9659	BBSRC_Wheat	22786	1999	Itana Rht3
W9709	BBSRC_Wheat	22836	1999	Mironovskaya Rht1
W9710	BBSRC_Wheat	22837	1999	Mironovskaya Rht2

W9711	BBSRC_Wheat	22838	1999	Mironovskaya Rht3
W9780	BBSRC_Wheat	22907	1999	Poncheau Rht1
W9782	BBSRC_Wheat	22909	1999	Poncheau Rht3
W9791	BBSRC_Wheat	22918	1999	Rht21 (China)
W9831	BBSRC_Wheat	22958	1999	Torim-73 Rht1 + Rht2
W9846	BBSRC_Wheat	22973	1999	VPM 1 Rht1
W9847	BBSRC_Wheat	22974	1999	VPM 1 Rht2
W9848	BBSRC_Wheat	22975	1999	VPM 1 Rht3
W9888	BBSRC_Wheat	23015	1999	Nongola 3338 Rht12
W9968	BBSRC_Wheat	23095	2005	April Bearded Isogenic rht
W9969	BBSRC_Wheat	23096	2005	April Bearded Isogenic Rht1
W9970	BBSRC_Wheat	23097	2005	April Bearded Isogenic Rht2
W9973	BBSRC_Wheat	23100	2005	April Bearded Isogenic Rht2 Rht3
W9979	BBSRC_Wheat	23106	2005	Maris Widgeon Rht3
W9981	BBSRC_Wheat	23108	2005	Maris Widgeon Rht2 Rht3
W9982	BBSRC_Wheat	23109	2005	Maris Hunstman rht
W9983	BBSRC_Wheat	23110	2005	Maris Hunstman Rht1
W9984	BBSRC_Wheat	23111	2005	Maris Hunstman Rht2
W9985	BBSRC_Wheat	23112	2005	Maris Hunstman Rht3
W9986	BBSRC_Wheat	23113	2005	Maris Hunstman Rht1 Rht2
W9987	BBSRC_Wheat	23114	2005	Maris Hunstman Rht2 Rht3
W9988	BBSRC_Wheat	23115	2005	Nainari rht
W9989	BBSRC_Wheat	23116	2005	Nainari Rht2
W9990	BBSRC_Wheat	23117	2005	Nainari Rht3
W9991	BBSRC_Wheat	23118	2005	Maringa rht
W9992	BBSRC_Wheat	23119	2005	Maringa Rht1
W9994	BBSRC_Wheat	23121	2005	Maringa Rht3
W10006	BBSRC_Wheat	23133	2008	Maringa Rht1 Rht2

The following accessions failed the marker test

W9315	BBSRC_Wheat	22447	1997	Mercia Isogenic Rht1
W9317	BBSRC_Wheat	22449	1997	Mercia Isogenic Rht1
W9319	BBSRC_Wheat	22451	1997	Mercia Isogenic Rht1
W9320	BBSRC_Wheat	22452	1997	Mercia Isogenic Rht2
W9323	BBSRC_Wheat	22455	1997	Mercia Isogenic Rht2
W9339	BBSRC_Wheat	22471	1997	Cappelle Isogenic Rht2
W9607	BBSRC_Wheat	22734	1999	Centana Rht1
W9617	BBSRC_Wheat	22744	1999	Comtal Rht2 + Rht3
W9781	BBSRC_Wheat	22908	1999	Poncheau Rht2

The following accessions were missing:

W9768	BBSRC_Wheat	22895	1999	Nangda 3330 Rht12
W9883	BBSRC_Wheat	23010	1999	Nongda 3330 Rht21

The following accessions failed to germinate:

W9971	BBSRC_Wheat	23098	2005	April Bearded Isogenic Rht3
W9972	BBSRC_Wheat	23099	2005	April Bearded Isogenic Rht1 Rht2
W9974	BBSRC_Wheat	23101	2005	Bersee Rht1 Rht2
W9975	BBSRC_Wheat	23102	2005	Bersee Rht2 Rht3
W9976	BBSRC_Wheat	23103	2005	Maris Widgeon rht
W9977	BBSRC_Wheat	23104	2005	Maris Widgeon Rht1
W9978	BBSRC_Wheat	23105	2005	Maris Widgeon Rht2
W9980	BBSRC_Wheat	23107	2005	Maris Widgeon Rht1 Rht2
W5503	BBSRC_Wheat	18823	1985	Bersee Rht1
W5504	BBSRC_Wheat	18824	1985	Bersee Rht2
W5505	BBSRC_Wheat	18825	1985	Bersee Rht3