

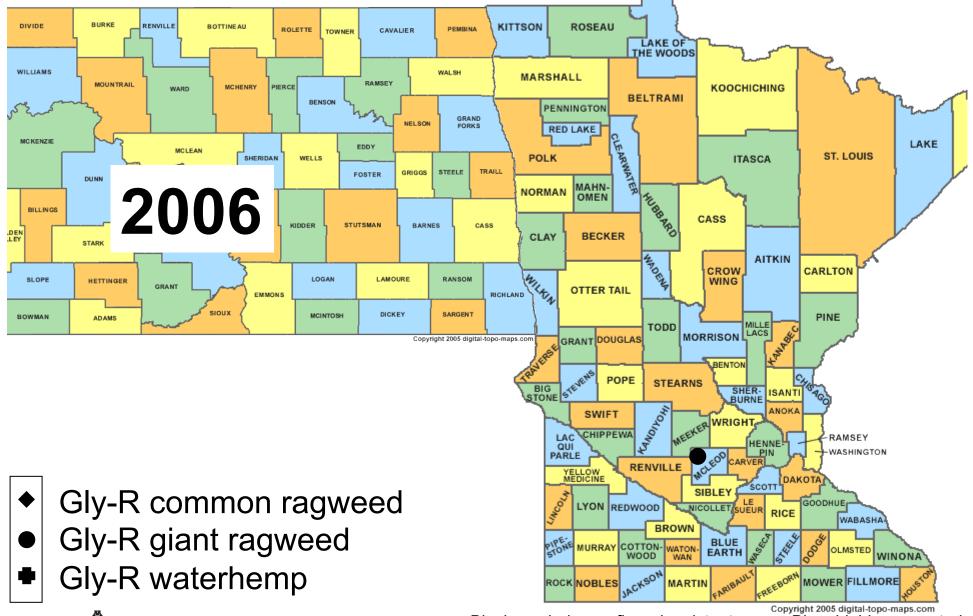
# Weed Resistance in MN & ND

By Jeff Stachler, Ph.D. 9-27-13



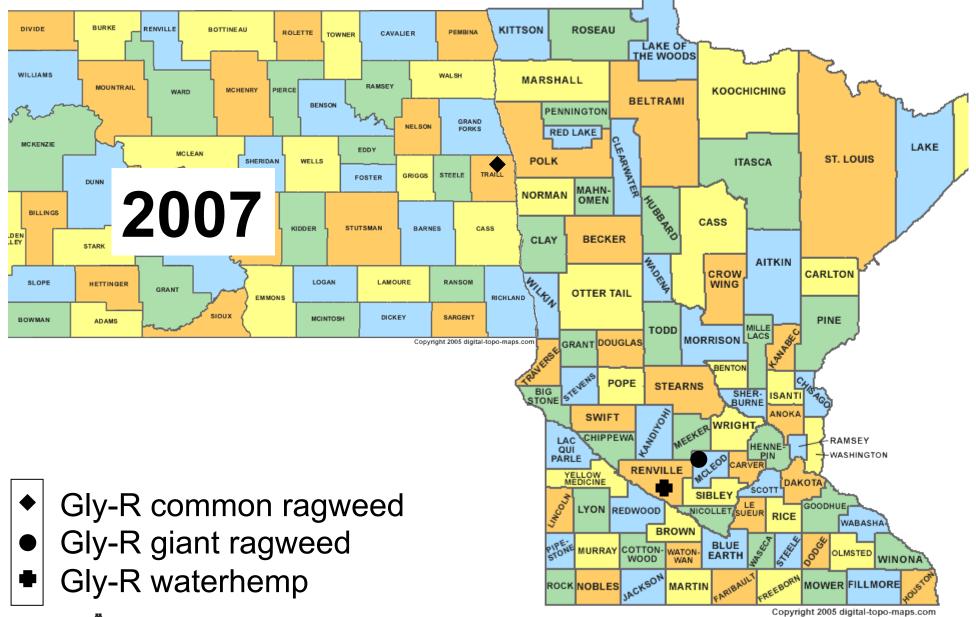
Weed Science NDSU EXTENSION

### Areas and counties of ND and MN having confirmed and suspected glyphosate-resistant weeds



NDSU STREW Provided by: Drs. Jeff Stachler, Jeff Gunsolus, Mike Christoffers, and Kirk Howatt Black symbols: confirmed resistant cases; Blue: highly suspected

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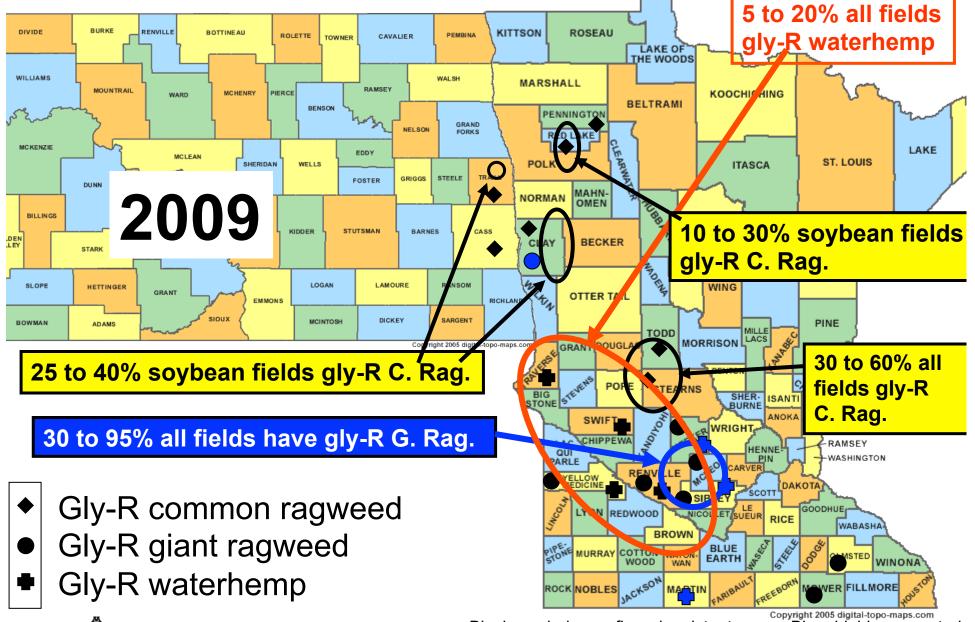


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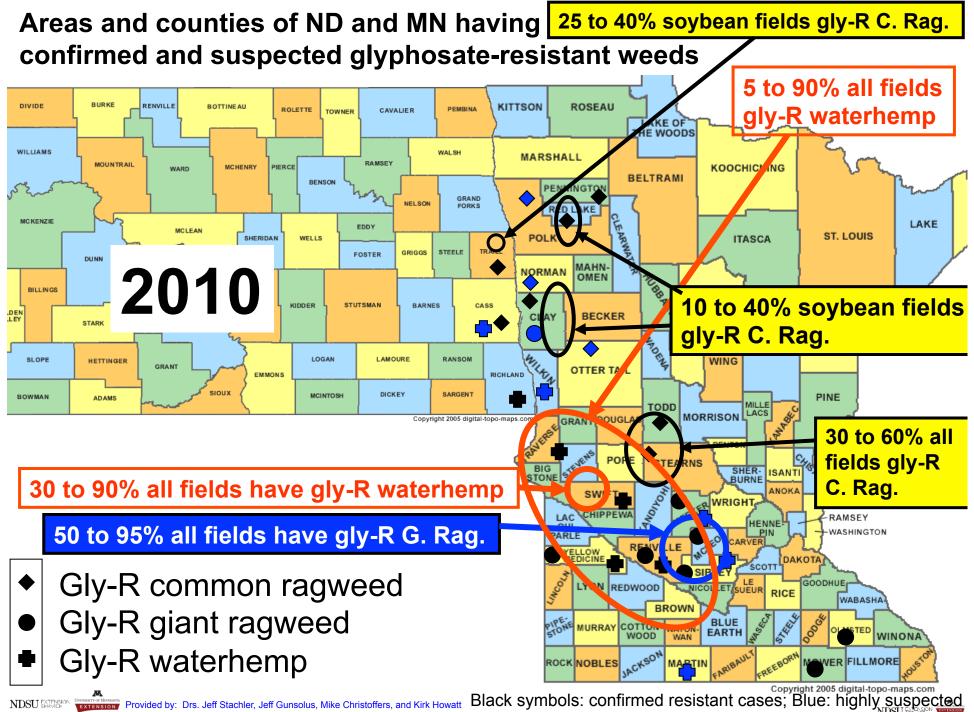
#### Areas and counties of ND and MN having confirmed and suspected glyphosate-resistant weeds 5 to 20% all fields BURKE DIVIDE RENVILLE **BOTTINE AU** KITTSON ROSEAU gly-R waterhemp ROLETTE PEMBINA CAVALIER TOWNER LAKE OF THE WOODS WILLIAMS WALSH MARSHALL RAMSEY MOUNTRAIL MCHENRY PIERCE KOOC ICHING WARD BELTRAMI BENSON PENNINGTON GRAND NELSON FORKS RED LAKE CLEARWAT MCKENZIE LAKE EDDY MCLEAN ST. LOUIS SHERIDAN WELLS POLK ITASCA TRA GRIGGS STEELE FOSTER DUNN MAHN-OMEN NORMAN 2008 HUB BILLINGS CASS KIDDER STUTSMAN BARNES DEN BECKER CLAY STARK WADEN AITKIN CARLTON CROW LAMOURE WILKIN LOGAN SLOPE HETTINGER WING GRANT OTTER AIL RICHLAND EMMONS sioux SARGENT DICKEY MOINTOSE ROWMAN PINE ADAMS TODD MORRISON LACS NT DOUGL ght 2005 digital-topo-maps.com 15 to 40% all < 5% soybean fields gly-R C. Rag. fields gly-R SHER-ISANTI BURNE C. Rag. SWIF WRIGHT 40 to 75% all fields have gly-R G. Rag. & CHIPPEWA LAC RAMSEY WASHINGTON PIN 20 to 40% all fields have gly-R waterhemp RENV YELLOW MEDICINE DAKOTA SCOTT SIP Gly-R common ragweed NICOLLET SUEUR GOODHUE LYON REDWOOD RICE WABASHA BROWN Gly-R giant ragweed STONE MURRAY COTTON- WATON WOOD WAN BLUE OLMSTED EARTH WINONA **Gly-R** waterhemp ACKSON MOWER FILLMORE ROCK NOBLES MAR Copyright 2005 digital-topo-maps.com

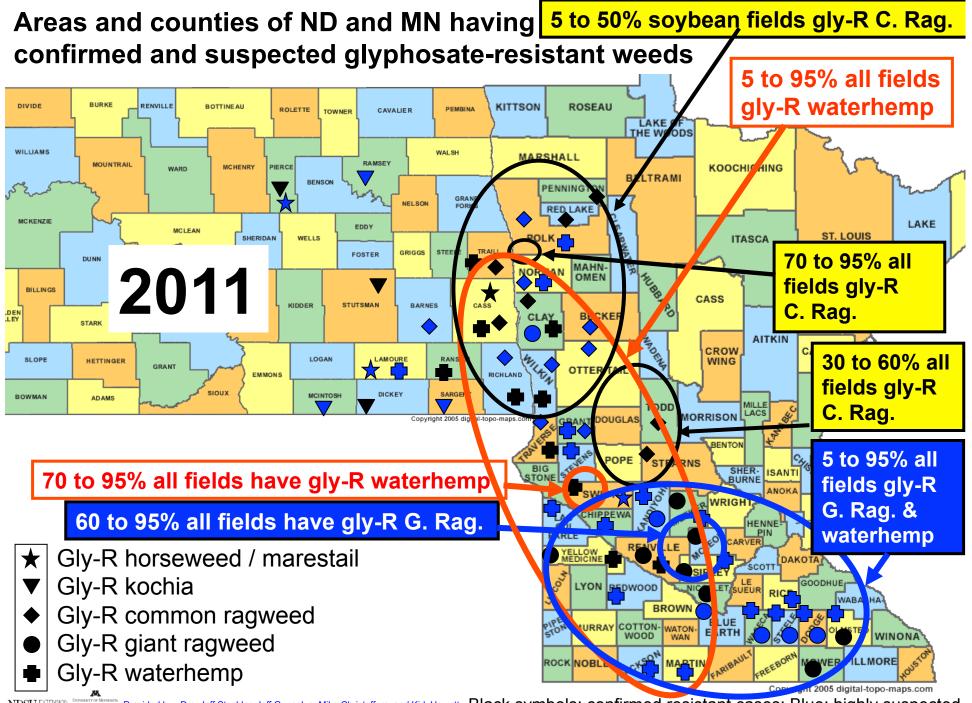
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