

PEER REVIEWED
TECHNICAL PUBLICATIONS ON THE FOOD, FEED, AND
ENVIRONMENTAL SAFETY OF ROUNDUP READY®
CORN GA21

Chrenkova, M., Sommer, A., Ceresnakova, Z., Nitrayova, S., Prostredna, M. 2002. Nutritional Evaluation of Genetically Modified Maize Corn Performed on Rats. *Archives of Animal Nutrition - Archiv Fur Tierernahrung*. 56(3): 229 - 235.

Donkin, S., Velez, J., Totten, A., Stanisiewski, E., Hartnell, G. 2003. Effects of Feeding Silage and Grain from Glyphosate-tolerant or Insect-protected Corn Hybrids on Feed Intake, Ruminant Digestion, and Milk Production in Dairy Cattle. *Journal of Dairy Science*. 86(5): 1780 - 1788.

Erickson, G., Robbins, N., Simon, J., Bergre, L., Klopfenstein, T., Stanisiewski, R., Hartnell, G. 2003. Effect of Feeding Glyphosate-tolerant - Roundup-Ready - Events GA21 or NK603 - Corn Compared with Reference Hybrids on Feedlot Steer Performance and Carcass Characteristics. *Journal of Animal Science*. 81: 2600-2608.

Harrison, L., Bailey, M., Naylor, M., Ream, J., Hammond, B., Nida, D., Burnette, B., Nickson, T., Mitsky, T., Taylor, M., Fuchs, R., Padgett, S. 1996. The Expressed Protein in Glyphosate-Tolerant Soybean, 5-Enolpyruvylshikimate -3-Phosphate Synthase From *Agrobacterium* sp. Strain CP4, is Rapidly Digested in Vitro and is not Toxic to Acutely Gavigated Mice. *Journal of Nutrition*. 126(3): 728-740.

Shindo, Y., Kuribara, H., Matsuoka, T., Futo, S., Sawada, C., Shono, J., Akiyama, H., Goda, Y., Toyoda, M., Hino, A. 2002. Validation of Real-time PCR Analyses for Line-specific Quantitation of Genetically Modified Maize and Soybean Using New Reference Molecules. *Journal of Association of Analytical Communities (AOAC) International*. 85(5): 1119-1126.

Sidhu, R. S., Hammond, B. G., Fuchs, R. L., Mutz, J., Holden, L. R., George, B., Olson, T. 2000. Glyphosate-tolerant Corn: The Composition and Feeding Value of Grain from Glyphosate-tolerant Corn is Equivalent to that of Conventional Corn (*Zea mays* L.). *Journal of Agricultural and Food Chemistry* 48(6): 2305-2312.

Taylor, M., Hartnell, G., Riordan, S., Nemeth, M., Karunanandaa, K., George, B., Astwood, J. 2003. Comparison of Broiler Performance when Fed Diets Containing Grain from Yieldgard MON810, Yieldgard X Roundup Ready - GA21, Nontransgenic Control, or Commercial Corn. *Poultry Science*. 82: 823-830.

Thomas, W., Pline-Srnic, W., Thomas, J., Edmisten, K., Wilcut, J. 2004. Glyphosate Negatively Affects Pollen Viability but not Pollination and Seed Set in Glyphosate-resistant Corn. *Weed Science*. 52: 725-734.

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Tutel'an, V. A., Kravchenko, L. V., Sorokina, E. Yu., Korolev, A. A., Avren'eva, L. I., Guseva, G. V., Chernysheva, O. N., Tyshko, N. V. 2001. Medical and Biological Assessment of Genetically Modified Maize of Line MON 810, Resistant to European Corn Borer, and Line GA 21, Resistant to Glyphosphate: Toxicological and Biochemical Investigation. *Voprosy Pitaniya*. 70(3): 28-31.

Tutel'an, V. A., Aksyuk, I. N., Sorokina, E. Yu., Aleshko-Ozhevski, Yu. P., Gapparov, M. M., Zhminchenko, V. M., Kodentsova V. M., Nikol'skaya, G. V. 2001. Medical and Biological Assessment of Genetically Modified Maize of Line MON 810, Resistant to European Corn Borer, and Line GA 21, Resistant to Glyphosphate: Chemical Composition. *Voprosy Pitaniya*. 70(3): 25-27.

Tyshko, N. V. 2002. Studies of Antioxidant Status in the Toxicological and Hygienic Assessment of Genetically Modified Maize Lines. *Gigiena i Sanitariya* (No.6) : 78-79.

Williams, G. M., R. Kroes and I.C. Munro. 2000. Safety Evaluation and Risk Assessment of the Herbicide Roundup and its Active Ingredient, Glyphosate, for Humans. *Regulatory Toxicology and Pharmacology*. 31: 117-165.

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