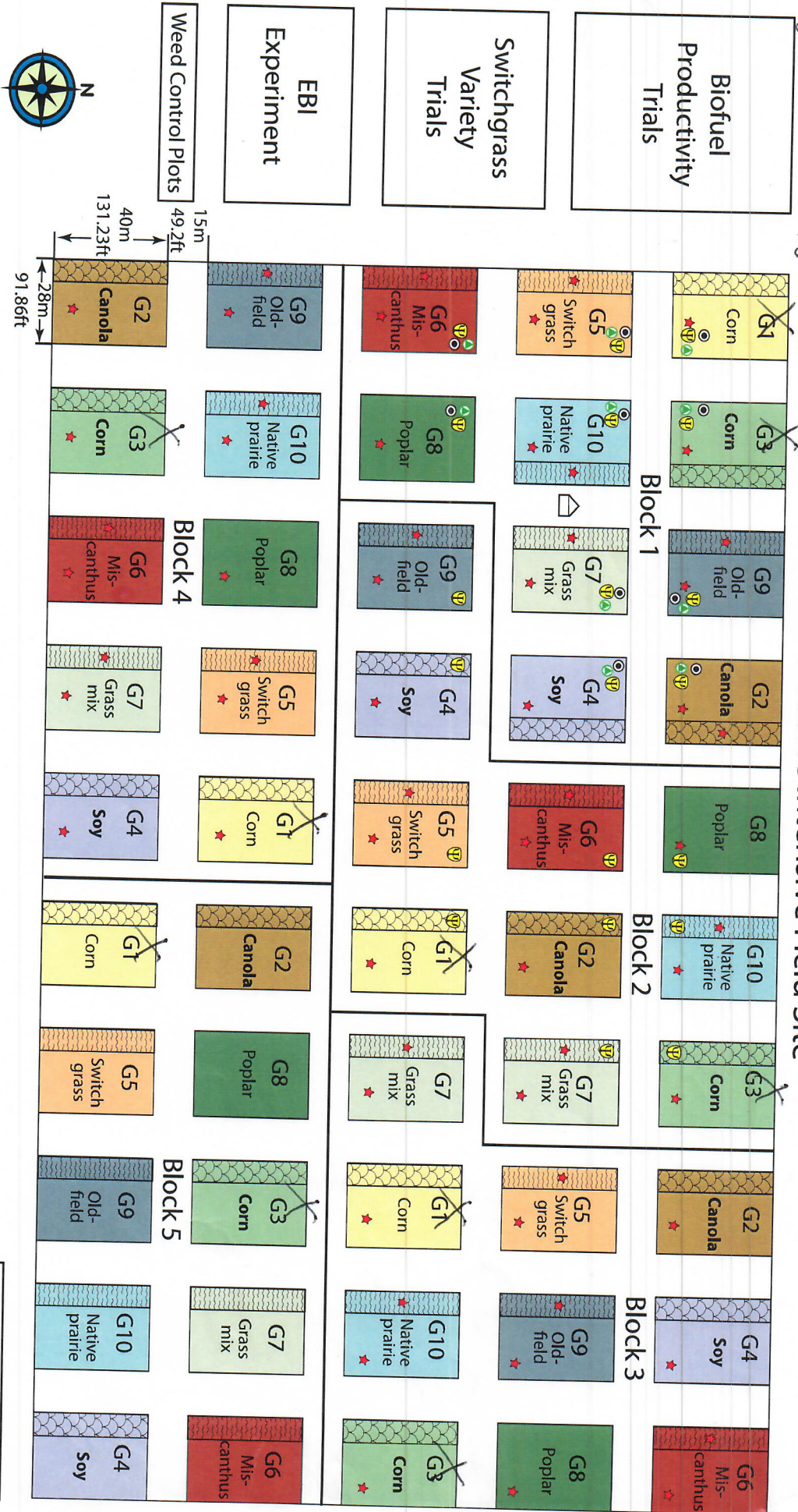


April 30, 2010 Planted in G1, G3, and Bait crop next to the woods. Used 5074006 tractor and JD1730 planter
 Planted Dekalb DKC53-59 seed corn at 28,000 seeds/A. 19-17-0 fertilizer applied at 14 gals/A.
 Planting depth: 1.5 inches
 2010 GLBRC Intensive Field Site



Treatment Details

- | | | | | | | | |
|--|----|---|--|-----|----------------|--|--------------------------------|
| | G1 | Continuous corn | | G6 | Miscanthus | | Trace gas flux chambers |
| | G2 | Corn-Soybean-Canola | | G7 | Grass mix | | Low tension suction lysimeters |
| | G3 | Soybean-Canola-Corn | | G8 | Poplar | | Trace gas shed |
| | G4 | Canola-Corn-Soybean | | G9 | Old field | | Time domain reflectometry |
| | G5 | Switchgrass | | G10 | Native prairie | | Automated gas chambers |
| | | Stover non-removal microplot | | | | | |
| | | Unfertilized microplot (G10-fertilized) | | | | | |

Switchgrass Agronomy Trials

Planting order G3R4, G3R1, G1R1, G3R2, G3R3, G3R5, G1R3, G1R2, ~~G1R4~~, and G1R5

80,000 SEED/UNIT



Hybrid Seed Corn

DKC52-59
(VT3)

DEKALB BRAND

RELATIVE MATURITY: OVERALL - 102

| | |
|-----------------------------|------------------------|
| GROWING DEGREE UNITS | |
| MID-POLLINATION: 1280 | BLACK LAYER: 2540 |
| LOT NO. 748TE13NX | |
| VARIETY: 4688380 | PURE SEED: 99.00% |
| KIND: FIELD CORN | OTHER CROP SEED: 0.60% |
| DATE TESTED: 11/09 | NOXIOUS WEEDS/LB: NONE |
| GERM: 95% | INERT MATTER: 0.40% |
| ORIGIN: M! | WEED SEED: 0.00% |
| TREATMENT: MXHI | SUGGESTED PLATE |
| | JD B7 |
| | CIH C7 |

This is a product of MONSANTO's research program offering unique genetic characteristics for specific grower needs and protected by U.S. patent(s) 7166780



NOTICE: See reverse side for important information.

This seed was produced following industry standard practices for the production of commercial seed and in accordance with all applicable seed quality laws, regulations and standards, and meets the quality standards achievable through the application of those standards and practices. In accordance with applicable governmental regulations, Monsanto does not warrant this seed as free of and it may contain trace amounts of unintentional phenotypic and/or genotypic (biotech) traits.

Hazard Communication Data

- **Causes eye irritation or irreversible eye damage:** Wear goggles when handling. If eye contact occurs, immediately flush eyes with plenty of water for 15 minutes and seek medical attention.
- **Causes skin irritation and may cause allergic skin reaction:** Can be absorbed through the skin. Wear protective clothing such as long sleeved coveralls, a hat and chemical-resistant gloves and boots. Wash clothing with detergent and water after using. Wash hands and face before eating, drinking or smoking. If skin contact occurs, remove contaminated clothing and wash skin with plenty of soap and water.
- **Harmful if inhaled, swallowed or absorbed through the skin:** Wear a NIOSH-approved pesticide respirator when pouring seeds. If inhaled, remove to fresh air. If breathing stops, give CPR. If swallowed, promptly drink a large quantity of milk or water. Never give anything by mouth to an unconscious person. Only induce vomiting on the instructions of a physician.
- **Seek Prompt medical treatment following any other exposures. For emergency medical treatment information, call Collect Day or Night (811) 694-4000.**

WARNING: THIS SEED HAS BEEN TREATED WITH SEED PROTECTANTS CODED BELOW AT MANUFACTURER'S RECOMMENDED RATE. DO NOT USE FOR FOOD, FEED OR OIL PROCESSING PURPOSES. DO NOT REUSE EMPTY SACKS. STORE AWAY FROM FEED AND OTHER FOODSTUFFS. KEEP OUT OF REACH OF CHILDREN.

| CODE | PROTECTANT | CODE | PROTECTANT | CODE | PROTECTANT |
|------|--------------|------|-----------------|------|-------------|
| A | Metalaxyl | H | Clothianidin | M | Fludioxonil |
| D | Azoxystrobin | I | Trifloxystrobin | X | Metenoxam |

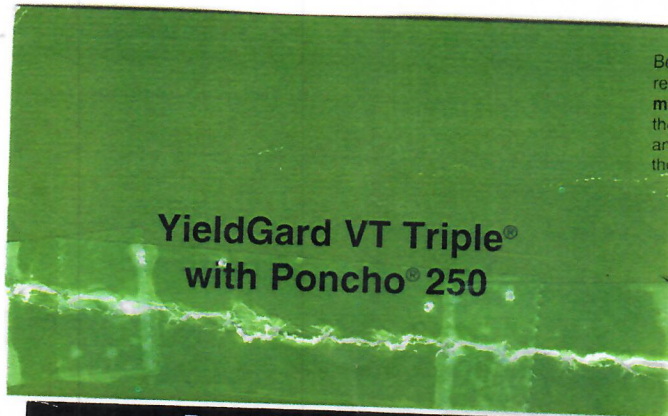
Treated seed exposed on soil surface may be hazardous to birds, fish and other wildlife. Cover or collect treated seeds spilled during loading. Dispose of all excess treated seed. Left over treated seed may be doublesown around headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters. Dispose of treated seed packaging in accordance with local requirements. **Fludioxonil-treated seed:** Forage may not be grazed until 30 days after planting. **Poncho® 600-treated seed:** Contains clothianidin. Areas planted with treated seed may be replanted immediately with corn, rapeseed and canola. These areas may also be replanted after 30 days with cereal grains, grasses, nongrass animal feeds, soybeans, and dried beans. Do not plant any other crop in treated area for at least one year after treated seeds are planted. Poncho is a trademark of Bayer. **Trifloxystrobin-treated seed:** Treated areas may be replanted immediately with any crop for which a tolerance exists for trifloxystrobin. All crops without trifloxystrobin tolerances may be planted 30 days after seeding of trifloxystrobin-treated seed.

Call 1-800-8 DEKALB (1-800-833-5252) with any questions, feedback or additional seed needs.

DEKALB & Winged Ear Design and Strong Roots, Strong Yields, are trademarks of DEKALB Genetics Corporation.

NOTICE: See bag for limitation of warranties, liability and remedies. Monsanto Company, 800 N. Lindbergh Blvd. - Seed Box, St. Louis, MO 63167

100002F2-434/53 NET WEIGHT PRINTED ON BAG



Before opening this bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in this seed as set forth in the Monsanto Technology/Stewardship Agreement that you signed. By opening and using this bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.



Grain harvested from products that bear this mark is fully approved for food and feed use in the United States and Japan, but is not approved in the European Union. You must find a market for this crop that will not ship this grain or its processed products to Europe. Appropriate markets for this grain include: domestic feed use or grain handlers that specifically agree to accept this grain and handle it appropriately. For more information on your grain market options, go to the American Seed Trade Association's website at www.amseed.org or call your seed supplier. MARKET CHOICES® is a registered certification mark used under license from ASTA.

Product Information

This hybrid contains the YieldGard VT Triple insect protection traits. YieldGard VT Triple hybrids contain the active ingredients Cry1Ab and Cry3Bb1 from *Bacillus thuringiensis* (*B.t.*) that together provide season-long protection against European corn borer, southwestern corn borer and sugarcane borer as well as excellent protection against western corn rootworm, northern corn rootworm, and Mexican corn rootworm. These insect protection traits are approved by EPA under Registration Number 524-552 (MON 88017 X MON 810).

This hybrid also contains the Roundup Ready® 2 Technology trait that provides crop safety for over-the-top applications of labeled Roundup® agricultural herbicides when applied according to label directions.

Know Before You Grow®, an information service provided by National Corn Growers Association at www.ncga.com. Know Before You Grow is a registered service mark of National Corn Growers Association. For more information call 1-866-SELL CORN.

IMPORTANT: The following information is current as of 01/01/08: YieldGard Plus and YieldGard Rootworm with Roundup Ready Corn 2 are grandfathered for import and use in processed feed in the E.U. YieldGard Plus with Roundup Ready Corn 2, YieldGard VT Rootworm/RR2® and YieldGard VT Triple are neither approved nor grandfathered and there is zero tolerance for these traits in processed feed imported in the E.U. Growers of all products bearing the Market Choices logo must talk to their grain handler to confirm the handler's buying position for grain from these products. **It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted.**

Management Guidelines

Insecticides - Under typical growing conditions for this product, insecticide applications should not be necessary to prevent yield loss caused by European corn borer, southwestern corn borer, western corn rootworm larvae, northern corn rootworm larvae, or Mexican corn rootworm larvae.



Planting Refuges, Preserving Technology

IRM - To help preserve the effectiveness of *B.t.* corn technologies, growers planting YieldGard VT Triple are required to follow an Insect Resistance Management (IRM) Plan. Details on planting a refuge, and other requirements of the IRM Plan, are provided in the YieldGard VT Triple section of the YieldGard® IRM Guide or Monsanto's Technology Use Guide. Growers are required to plant a corn refuge. Two options for deployment of the refuge are available to growers.

The first option is planting a **common refuge** for both corn borers and corn rootworms. The common refuge must be planted with corn hybrids that do not contain *B.t.* technologies for the control of corn borers or corn rootworms. The refuge area must represent at least 20% of the grower's total corn acres in most corn growing areas. For corn planted in cotton growing areas of the South, the refuge must be at least 50% of the grower's total corn acres. If a common refuge is planted, it must be within or adjacent to the YieldGard VT Triple field. The common refuge can be treated with an insecticide to control rootworm larvae and other soil pests. The refuge can also be treated with a non-*B.t.* foliar insecticide for control of late season pests if pest pressure reaches an economic threshold for damage; however, if rootworm adults are present at the time of foliar applications then the YieldGard VT Triple field must be treated in a similar manner.

The second option is planting **separate refuge areas** for corn borers and corn rootworms. The corn borer refuge must be planted with non-*B.t.* corn borer-protected hybrids. The corn borer refuge must represent at least 20% of the grower's total corn acres (50% in cotton growing regions), and must be planted within a 1/2 mile of the YieldGard VT Triple field. The corn borer refuge can be treated with an insecticide for corn rootworm larvae control, or a non-*B.t.* foliar-applied insecticide for corn borer control if pest pressure reaches an economic threshold for damage. The corn rootworm refuge must be planted with non-*B.t.* corn rootworm-protected hybrids, but can be planted with YieldGard Corn Borer hybrids. The corn rootworm refuge must represent at least 20% of the grower's total corn acres and be planted within or adjacent to the YieldGard VT Triple field. The corn rootworm refuge can be treated with an insecticide to control rootworm larvae and other soil pests. The refuge can also be treated with a non-*B.t.* foliar insecticide for control of late season pests; however, if rootworm adults are present at the time of foliar applications then the YieldGard VT Triple field must be treated in a similar manner. Growers who fail to comply with the IRM requirements risk losing access to the product.

(see reverse side for additional information)

**IMPORTANT GROWER INFORMATION
PLEASE READ BEFORE PLANTING**



Patent and Licensing Information

YieldGard VT Triple technology is covered under one or more of the following U.S. Patent Nos.: 5,164,316; 5,196,525; 5,322,938; 5,352,605; 5,359,142; 5,424,412; 5,484,956; 5,554,798; 5,593,874; 5,641,876; 5,717,084; 5,728,925; 5,804,425; 5,859,347; 6,025,545; 6,063,597; 6,083,878; 6,180,774; 6,331,665; 7,064,248; 7,227,056; RE 39,247.

The purchase/bailment/transfer of these seeds conveys no license under said patents to use these seeds or perform any of the methods covered by these patents. A license must first be obtained before these seeds can be used in any way. See your seed dealer to sign a Monsanto Technology/Stewardship Agreement ("MTSA"). This seed may only be offered for sale and distribution by authorized seed companies or their dealers.

Questions?

Contact Monsanto Company at 1-800-951-9511.

Growers should refer to Monsanto's Technology Use Guide for information on crop stewardship regarding the potential movement of pollen to neighboring crops.

Always Read and Follow Pesticide Label Directions. Roundup Ready crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup agricultural herbicides. Roundup agricultural herbicides will kill crops that are not tolerant to glyphosate. Roundup, Roundup Ready, YieldGard, YieldGard VT & Design, YieldGard VT Rootworm/RR2 and YieldGard VT Triple are trademarks of Monsanto Technology LLC.

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Poncho 600-treated seed: Contains clothianidin. Areas planted with treated seeds may be replanted immediately with corn, rapeseed, and canola. These areas may also be replanted after 30 days with cereal grains, grasses, nongrass animal feeds, soybeans, and dried beans. Do not plant any other crop in treated area for at least one year after treated seeds are planted. Poncho is a trademark of Bayer.