

A484 – Insect-protected corn

Volume 1 – Submission (December 2002)

Volume 2 - Supporting Data (SD)

SD1: An Acute Oral Toxicity Study in Mice with *E. coli* Produced Cry3Bb1.11098 (Q349R) Protein

SD2: PCR Analysis and DNA Sequence of the Insert in Corn Rootworm Event MON863

SD3: Amended Report for MSL-16505: Molecular Analysis of Corn Event MON 863

SD4: Amended Report for MSL-16559: *B.t.* Cry3Bb1.11098 and NPTII Protein Levels in Samples Tissue Collected from Corn Event MON 863 Grown in 1999 Field Trials

SD5: Additional Characterization of the Cry3Bb1 Protein Produced in Corn Event MON 863

SD6: Characterization and Equivalence of the Cry3Bb1 Protein Produced by *E. coli* Fermentation and Corn Event MON 863

SD7: Assessment of the *in vitro* Digestibility of the Cry3Bb1.11098 (Q349R) Protein in Simulated Intestinal Fluid

SD8: Bioinformatics Evaluation of the Cry3Bb1 Protein Produced in Corn Event MON 863 Utilizing Allergen, Toxin and Public Domain Protein Databases

SD9: Molecular Analysis to Determine the Genetic Stability of the Corn Rootworm Event MON 863 Across Additional Generations

SD10: Amended Report for MSL-16597: Immuno-Detectability of Cry3Bb1.11098 and Cry3Bb1.11231 Proteins in the Grain of Insect Protected Corn Events MON 863 and MON 853 After Heat Treatment

SD11: Validated Method for Extraction and Direct ELISA Analysis of Cry3Bb1 in Corn Grain

SD12: Assessment of the *in vitro* Digestibility of Cry3Bb1 Protein Purified from Corn Event MON 863 and Cry3Bb1 Protein Purified from *E. coli*

SD13: Evaluation of Insect Protected Corn Lines MON 853 and MON 859 as a Feed Ingredient for Catfish

SD14: Yield Benefit of Corn Event MON 863

SD15: Amended Report for MSL-17199: Compositional Analyses of Forage and Grain Collected from Corn Rootworm Protected maize Event MON 863 Grown in 1999 U.S. Field Trials

SD16: The Absence of Detectable *b1e* Translation Products in Corn Grain Containing Event MON 863

SD17: Primary Structural Protein Characterization of Corn Event MON 863 Cry3Bb1.11098 Protein Using N-Terminal Sequencing and MALDI Time of Flight Mass Spectrometric Techniques

SD18: Pesticide Profile, Mycotoxin, and Compositional Analyses of Corn Event MON 863 and Control Lines LH82 x A634 Produced in Kihei, Hawaii in 2000

SD19: Sponsor Summary Report for Study #00-01-39-38: Comparison of Broiler Performance When fed diets containing event MON 863, Nontransgenic Parental Line, or Commercial Corn

SD20: Public Interest Assessment Supporting Registration of *Bacillus thuringiensis* Cry3Bb1 Protein and the Genetic Material (Vector ZMIR 13L) Necessary for its Production in Corn Event MON 863