

TO: Whom it may concern

RE: SQA-Vb and B-Sperm™ analyzer for BULLS

SION (Israeli Company for Artificial Insemination and Breeding, LTD) and Medical Electronic Systems, LTD (and the A-Tech veterinary division of M.E.S) have cooperated in the development and implementation of a program of automated bull sperm quality analysis, dosing and post thaw straw quality control over the last four years using the SQA-Vb (Sperm Quality Analyzer for Bulls).

In January, 2006 the SQA-Vb was installed in the central AI collection center for SION in Shikmim, Israel and was used in parallel with SION's manual system to (1) test the quality of the FRESH semen collected from the SION bulls and (2) determine the dosing parameters for straws based on total sperm concentration per straw (using B-Sperm™ dosing and bull management software). We provided feedback to M.E.S./A-TECH which resulted in M.E.S./A-TECH making some significant improvements to the SQA-Vb originally placed in our lab.

Currently SION has fully integrated the latest version of the SQA-Vb and B-Sperm™ dosing and data management system into the centralized AI collection site and has interfaced the system with our mainframe computer and with our remote bull identification technology. In addition, we have fully integrated the M.E.S./A-TECH system to test FRESH bull semen, dose frozen straws and perform quality control on the FROZEN samples that are sold worldwide to our customer base.

In addition, SION and M.E.S./A-TECH have recently cooperated in an extensive field trial to determine if cow fertility rates could be improved by preparing AI doses by PROGRESSIVELY MOTILE CELLS/straw instead of by TOTAL # CELLS/straw. This study relied upon the SQA-Vb to test and qualify bulls and provide accurate dosing instructions based on progressive motility. The study results were so compelling that we assessed our current inventory of straws dosed by TOTAL CELL CONCENTRATION to benchmark this straw inventory against the findings of the study.

Personally, I find that the SQA-Vb + B-Sperm™ technology is precise, accurate, easy to integrate into the lab and is now instrumental in providing SION with bull fertility information, accurate and timely testing and dosing instructions and quality assessment of our final product.

I would recommend this technology to any AI facility that is looking for quality when testing and dosing and doesn't want to compromise on through-put – this system is fast and accurate. I am available should you want to speak with me directly or visit our facility in Israel.

Sincerely,



Dr. Yoel Zeron

Director of Science & Production

SION, Israeli Company for Artificial Insemination and Breeding, LTD

"SION"
ISRAELI COMPANY
FOR ARTIFICIAL INSEMINATION
& BREEDING LTD

HEAD OFFICE
SOUTH OFFICE
SHIKMIM 79800, ISRAEL
TEL. 972-8-8592812/3 FAX. 972-8-8593381
E-MAIL: south@sion-israel.com



NORTH OFFICE
P.O.B 73, Migdal Haemek 23100, ISRAEL
TEL. 972-4-6540142 FAX. 972-4-6545486
E-MAIL: north@sion-israel.com