

Dimole[®]

Innovative Diagnostic Solutions

Novel system now available for testing of PVY and PLRV in dormant potato tubers

February 2, 2010: Dimole Inc. has released to the potato industry a novel Multiplex Hybridization System, the 'DIM-Array[™] PVY PLRV'. This system offers advanced DNA-based simultaneous detection of PVY (including strains PVY^O, PVY^N, and PVY^{NTN}), PLRV and an Internal Control from dormant potato tubers, eliminating the need for costly, laborious and time-consuming grow-up of sample plants.

The DIM-Array[™] PVY PLRV system was evaluated by the potato laboratory IRDA (Research and Development Institute for the Agri-Environment), Quebec, Canada.

The high sensitivity and specificity of the system allow for testing of a group (or composite) of dormant tubers in a single assay within 8 hours, in comparison to ELISA which allow for testing of only one virus and one tuber at a time and only 6 to 10 weeks after the dormancy of tubers is broken. The DIM-Array[™] PVY PLRV Multiplex Hybridization System allows for testing hundreds of samples simultaneously and rapidly.

An Internal Control is integrated into the system to avoid false negative results.

For more information about the DIM-Array[™] PVY PLRV system and other Dimole products, please call 902-314-5340, or visit the Dimole website at www.dimole.ca.

ABOUT DIMOLE, INC. - Dimole, Inc. is located in Laval, Quebec, Canada. Dimole develops and markets state-of-the-art microarray technology solutions for laboratories. Our innovative products allow laboratories to provide fast and reliable molecular diagnostics.