EDN™ FOR POST-HARVEST APPLICATION – THE RESULTS ARE ENCOURAGING...

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At the 2016 MBAO Conference in Orlando, there was a lot of anticipation around the progression of EDN™ as both a soil fumigant and phytosanitary treatment for timber and quarantine purposes, and the work which had been undertaken to achieve registration thus far.

Hence, the presentations on EDN™ at the 2017 MBAO Conference in San Diego have been split between the pre-plant and post-harvest sessions – the primary focus of this abstract is on post-harvest fumigation, primarily for quarantine and biosecurity of timber trade globally as well as QPS treatments for goods and packaging. This presentation will focus on how EDN™ has been proven to be effective against a vast array of insects, pathogens, and nematodes due to its unique characteristics – and subsequently how the product can be applied safely, effectively, and with relatively minimal changes to standard operating practices.

Unlike other chemicals being used for post-harvest application, EDN™ is a true fumigant – meaning it is a gas at standard temperature and pressure – this also holds true for Methyl Bromide. This has a large number of advantages for post-harvest application including a higher rate of diffusion in fumigation volumes to achieve equilibrium faster, increased penetration ability into timber due to its smaller molecule size – which, unlike Methyl Bromide, means penetration both along and across the grain of timber resulting in higher efficacy.

In saying that, since MBAO 2016 the progression and interest in EDN from applicators, industry leaders, and research organisations globally has been exponential - so this year Draslovka would like to once again take the opportunity to give an update on what has been done, what are we doing, and how we are trying to achieve it.

In light of this progression, detailed studies are currently being completed in the USA, EU, APAC, South Pacific, Africa, and the Middle East to fully understand the chemical and its characteristics – some of which are being presented in detail at MBAO 2017. These studies are typically undertaken by interested research organisations and universities who would like to understand the chemical in more depth – and this in turn gives us greater, unbiased, reference material to leverage off for global registration work.

With many beneficial properties as a broad spectrum fumigant in both soil and phytosanitary treatments – Draslovka aim to work with global partners and research institutes to accelerate our mission to register EDN™ as quickly, safely, and effectively as possible.