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Plant Health Care plc
Myconate[®] produces outstanding yield gains in wheat.

Plant Health Care (AIM: PHC.L), a leading provider of natural products for plants and soil, is pleased to report the first independent results of its Myconate[®] testing programmes in wheat. Following impressive results in many and varied crops over the past several years, the results of these trials now demonstrate the effectiveness of Myconate[®] in a new class of crops - the small cereal grains. The Company now has compelling evidence of yield stimulation in the two most important representatives of this class: wheat and sorghum.

During the 2006/2007 season, Myconate[®] was evaluated in three separate independent wheat trials in Mexico; two in Baja and one in Sonora. These trials were conducted by local farmers and distributed across a wide range of soil and climate conditions for this crop.

In the Baja trials, the yield increases at the two locations were 21% and 16%; this resulted in increased income for the grower of US\$385 per hectare and US\$326 per hectare respectively. In these cases the trials involved large plot sizes of 4 hectares (10 acres) so the response has been proven on growers farms in a full commercial setting.

In Sonora, the trials were established to determine the effect of seed rate and Myconate coating. In this test 20% less seed was planted in the Myconate treated fields. The yield from both the control field and the Myconate reduced seed fields were essentially identical (approximately a 23% yield increase on the Myconate treated field when adjusted for seed rate) and the protein content of the Myconate[®] treated wheat was increased by 8.5%. As a result, the increased income to the grower for the higher yield and higher protein content would be around US\$600 per hectare.

Further results of our cereal testing including more wheat, sorghum and barley trials are expected as the year progresses.

John Brady, CEO of Plant Health Care commented on the results, “Once again Myconate has proven its ability to consistently deliver improved yields in a variety of crops and under differing soil and climatic conditions. We are especially pleased to now have large scale tests results on the important cereal grain crops which number in excess of 300 million acres in the North America, Europe, South America and Southern Africa regions. All of this coincides with planned timing for further Myconate supply agreements.”

Myconate background

Through the stimulation of endogenous mycorrhizal fungi, PHC's novel Myconate technology helps crops to develop larger effective rooting volume. Myconate works by triggering the germination and growth of beneficial micro-organisms called mycorrhizal

fungi which colonize the roots of crop plants. With more mycorrhizal fungi at work, each plant can draw more nutrients and moisture out of the soil. More nutrients make for healthier plants, and significantly greater overall yields. The Board believes Myconate could be the key to changing the face of farming. The safety and ease of application of Myconate means that management practices need not be over-hauled. The procedure is a straightforward blending process, either tank mixing the Myconate with the fertilizer during planting, or applying the Myconate to the seed before planting.

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