

Agrichem[®] (International) Limited

Industrial Estate, Station Road
Whittlesey, Cambridgeshire PE7 2EY

HY-TL

- **Reduces Ascochyta on Peas and Beans**
- **Controls Anthracnose in Lupins**

Ascochyta infection on pea and bean seeds can cause seed death but also may be the cause of seedling infections in the growing crop. Under favourable environmental conditions, notably rain splash, the aerial lesions on cotyledons and young leaves release fungal spores, which spread onto other leaves, stems and ultimately pods. Field infections result only from seed stock carrying the infestation and where this is above 1% and frequent rain occurs during the emergence phase the leaf spots rapidly grow and affect all parts of the plant. Infection can cause premature lodging and reach the pods causing early splitting. Controlling the disease on the seed minimises those early seedling lesions, which encourage the spread of spores



Ascochyta pod infection in peas.

In **7** trials with *Ascochyta fabae* seed infections ranging from **22%** of seed infected to **4%** of seed infected, treatment with **HY-TL** eliminated the seed infection.

HY-TL gave 100% control.

HY-TL gives reliable control of seed-borne *Ascochyta fabae* of up to **6%***.

*Reduced to less than 1% following treatment.

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Seed treatments based on thiabendazole are effective in reducing seed-borne *Ascochyta fabae*, and **HY-TL** also contains thiram for the control of the soil-borne "damping off" fungi.

Anthrachnose is the single most devastating disease affecting lupins. One seed in every 10,000 is sufficient to result in significant yield losses.

Infected seeds often appear deformed, maybe stained brown and may develop pinkish spore masses. But the seed coat can also carry infection without showing any visible symptoms. Spread within the crop results in a dramatic reduction in pod set.



'Deformed' effect from Anthracnose infection.

In UK trials **HY-TL** has shown to be effective in controlling seed-borne *Anthrachnose*. Where seed tests have shown the untreated seed to be carrying up to 16% infection, **HY-TL** treatment reduced this to under 1% infection.

HY-TL contains thiabendazole & thiram.

Always read the label. Use pesticides safely.

For further information please contact

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