

2008

HEADLINE on dry beans technology sheet



The risk of anthracnose

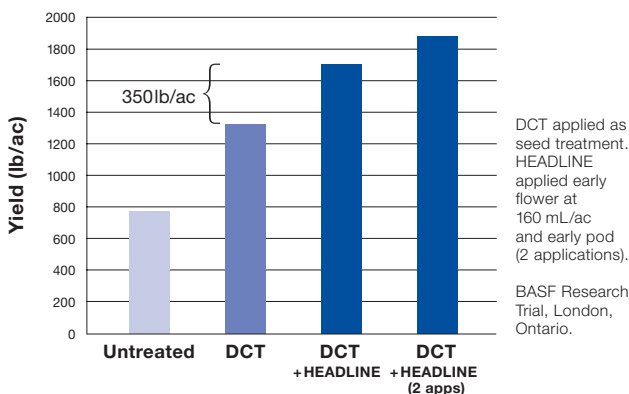
Anthrachnose drastically reduces seed yield and quality. It can be spread through your fields by machinery, animals and wind-driven rain. Even certified seed can carry low levels of anthracnose infection. HEADLINE® provides a higher level of anthracnose control than any other registered product.

Manage anthracnose with HEADLINE

A two-pronged approach is the most effective way to manage this disease.

- **Treat the seed.** Because anthracnose is seed borne, start with certified seed and apply a DCT seed treatment.
- **Ensure control with HEADLINE.** A foliar application of HEADLINE delivers sustained protection.

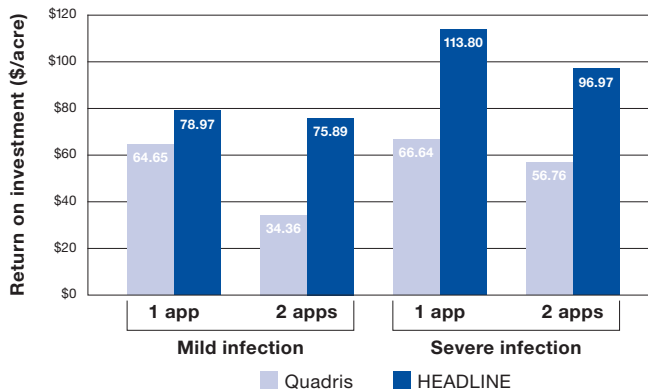
Controlling anthracnose on infected navy bean seed



The HEADLINE advantage

With its superior disease control, HEADLINE delivers a higher return on investment than Quadris®.

Return on Investment



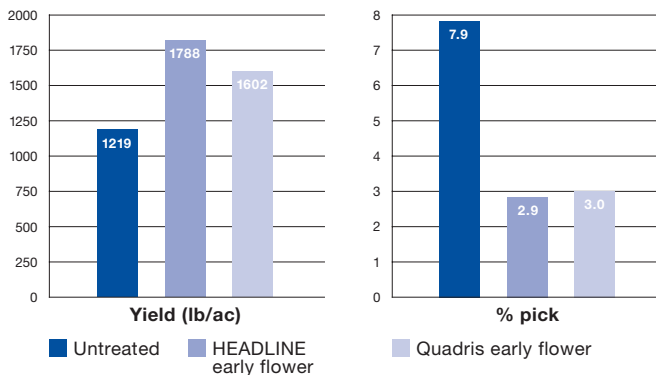
Source: RCAT, University of Guelph anthracnose research trials 2005.

ROI calculations based on marketable yield (accounting for dockage and pick), factoring in fungicide and application costs and using the following prices/costs: beans \$0.30/lb, HEADLINE \$16.95/ac, Quadris \$20.37/ac and application \$8/ac.



HEADLINE®
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HEADLINE and yield performance



Source: BASF Canada trials, 2003.

How HEADLINE works

HEADLINE is rainfast within one hour of application. It binds tightly to the waxy cuticle on the leaf's upper surface. It also moves through the leaf to the lower surface, providing dual-sided protection.

When to apply HEADLINE

If anthracnose is detected in the crop before flowering, apply HEADLINE immediately. In all other cases, apply HEADLINE at early flower (20%-50% bloom). Apply HEADLINE a second time 10-14 days later if disease persists or weather conditions are favourable for disease development.

How much to apply

Apply HEADLINE at a rate of 0.4 L/ha (160 mL/ac). That's the same as one 6.5 L jug per 40 acres (or one case per 80 acres).

For ground application, use an optimal spray volume of 10-20 imperial gallons/ac or 100 L/ha. For air application, use a minimum spray volume of 5 imperial gallons/ac.

Do not apply HEADLINE more than twice in a growing season.

For more information about HEADLINE, call **AgSolutions**® by BASF at 1-877-371-BASF (2273) or visit our website at www.agsolutions.ca

Always read and follow label directions.

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