

2008 CMDC

Alfalfa Management –

Michael Rethwisch

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Table 1. Dynamic treatment thresholds for potato leafhoppers (average number/sweep) on alfalfa 1 to 4 inches tall.

| Hay value (\$/ton) | Insecticide + Application (\$/Acre) | | | | | |
|-----------------------|-------------------------------------|------|------|------|------|------|
| | \$8 | \$10 | \$12 | \$14 | \$16 | \$20 |
| \$ 60 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 1.0 |
| \$ 80 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.75 |
| \$ 100 | 0.25 | 0.3 | 0.4 | 0.4 | 0.5 | 0.6 |
| \$ 120 | 0.2 | 0.25 | 0.3 | 0.35 | 0.4 | 0.5 |
| \$ 140 | 0.2 | 0.2 | 0.25 | 0.3 | 0.3 | 0.4 |
| \$ 160 | 0.15 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 |

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Table 2. Dynamic treatment thresholds for potato leafhoppers (average number/sweep) on alfalfa 4 to 8 inches tall.

| Hay value (\$/ton) | Insecticide + Application (\$/acre) | | | | | |
|-----------------------|-------------------------------------|------|------|------|------|------|
| | \$8 | \$10 | \$12 | \$14 | \$16 | \$20 |
| \$ 60 | 0.7 | 0.8 | 1.0 | 1.0 | 1.3 | 1.7 |
| \$ 80 | 0.6 | 0.6 | 0.75 | 0.9 | 1.0 | 1.3 |
| \$ 100 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 1.0 |
| \$ 120 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 |
| \$ 140 | 0.3 | 0.35 | 0.4 | 0.5 | 0.6 | 0.7 |
| \$ 160 | 0.25 | 0.3 | 0.4 | 0.4 | 0.5 | 0.6 |

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Table 3. Dynamic treatment thresholds for potato leafhoppers (average number per sweep) on alfalfa 8 to 12 inches tall.

| Hay value (\$/ton) | Insecticide + Application (\$/acre) | | | | | |
|-----------------------|-------------------------------------|------|------|------|------|------|
| | \$8 | \$10 | \$12 | \$14 | \$16 | \$20 |
| \$ 60 | 2.0 | 2.4 | 2.8 | 3.0 | 3.9 | 5.0 |
| \$ 80 | 1.8 | 1.9 | 2.2 | 2.7 | 3.0 | 4.0 |
| \$ 100 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 3.0 |
| \$ 120 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 |
| \$ 140 | 0.9 | 1.0 | 1.2 | 1.5 | 1.8 | 2.0 |
| \$ 160 | 0.8 | 0.9 | 1.0 | 1.2 | 1.5 | 1.8 |

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