

# Culbac® Plant Solution

*For better alfalfa*

## Maximize your alfalfa's yield potential with Culbac® Plant Solution

The high cost of feed and forage in today's market makes it more essential than ever for farmers to obtain the highest possible returns from their hay acres. In addition to proper nutrient and pest management, **Culbac® Plant Solution** can boost alfalfa performance by increasing the plants' ability to uptake moisture and nutrients. Specifically, **Culbac® Plant Solution** can provide the following benefits for alfalfa:

- Increased yields
- Improved root growth
- Increased resistance to environmental stress
- Enhanced nutrient quality

Table 1 displays the dry matter production data from several trials where **Culbac® Plant Solution** was used in foliar applications on alfalfa.

**Table 1: Comparison of Average Dry Matter Production in Alfalfa per Cutting**

Trial Location	Average Dry Matter Production, Lbs./Acre		Percent Increase Over Control
	Control	Culbac*	
WI	1,852	2,014	8.04%
IL	2,890	2,990	3.34%
CO	3,750	4,031	6.97%
IL	3,390	3,660	7.38%
IL	2,485	2,610	4.79%

\*All trials applied Culbac® at the rate of 16 fl. oz./acre.



When nutrient assays were performed in the trials (Table 1), the Culbac®-treated alfalfa showed up to a 9% increase in crude protein, a vital component in forage quality.

### Application

**Culbac® Plant Solution** should be applied after the first and third cuttings when regrowth is 4 – 6 inches in height.

Although alfalfa can benefit from Culbac® Plant Solution when it is applied at rates as low as 8 fl. oz./acre, best results are attained when it is applied at the rate of 16 fl. oz./acre.

**Culbac® Plant Solution** may be mixed alone in water or in combination with crop protection chemicals or fertilizers.

**TRANSAGRA**  
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Naturally Effective Solutions

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