GRASS

	SEED GERMINATION	VEGETATIVE GROWTH				
Crop	First application	Second application	Third application	Fourth application	Fifth application	Yield target (reference)
Orchard grass	20 units UAN banded @ planting	10 gallons (45 Liters) FW foliar when soil is 55°F+ (12.78°C)	15 gallons (68 Liters) FW foliar 2 weeks before 1st cutting	15 gallons (68 Liters) FW foliar 2 weeks before 2nd cutting	15 gallons (68 Liters) FW foliar 2 weeks before 3rd cutting	2 tons (2,000 kgs) per acre (0.4047 ha) per cutting
Kentucky Bluegrass	5 gallons (23 Liters) of FW in- furrow @ planting	25 units of Urea in early spring	10 gallons (45 Liters) FW foliar 2-4 weeks after	10 gallons (45 Liters) FW foliar 2-4 weeks after	10 gallons (45 Liters) FW foliar 2-4 weeks after	N/A (forage)
Alfalfa	5 gallons (23 Liters) of FW in-furrow @ planting	10 gallons (45 Liters) FW foliar after 1st cutting	10 gallons (45 Liters) FW foliar after 2nd cutting	10 gallons (45 Liters) FW foliar after 3rd cutting	_____	2 tons (2,000 kgs) per acre (0.4047 ha) per cutting

IMPROVE PLANT HEALTH - RESTORE SOIL QUALITY - INCREASE PROFITABILITY

FW= Firewater Product
UAN= Urea Ammonium-nitrate 28%
Urea= Urea 46%
Units= Actual pounds of nitrogen

DISCIAIMER: Chart above is an example to provide a base program for the use of Firewater as a partial synthetic nitrogen replacement. Please consult your agronomist prior to using Firewater in your program. Cost Savings are approximate and are based off of US commodity pricing during the time of writing this chart and may change rapidly. Yield target is based of off common yield in traditional programs projected to be matched with Firewater.

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