

Increase Yields with HumiSource® Plus and SourceFul®



HumiSource® Plus over the row
increased yields 19%.

HumiSource® Plus with glyphosate
increased yields 7%.

HUMISOURCE
PLUS SOLUBLE HUMIC ACID CONCENTRATE



Is a concentrated, soluble, liquid,
potassium humate (including humic
and fulvic acids).

Made from leonardite, a natural form
of humate, found in isolated veins
in Northwestern North Dakota.

Humic acid 20.41%
ISO19822 method

Fulvic acid 7.88%
ISO19822 method

SourceFul
LIQUID FULVIC ACID



Is a specially formulated
fulvic acid liquid extraction.

Made from leonardite,
a natural form of humate,
found in isolated veins in
Northwestern North Dakota.

Fulvic acid 8.53%
ISO19822 method

LEONARDITE PRODUCTS

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Corn Trial Results

		Treatment	Corn Yield BU/A	Weed Control Broadleaf 7-June	% Grass Weed Control 7-June	Weed Control Broadleaf 7-July	% Grass Weed Control 7-July
1	Weedy Untreated		144	0	0	0	0
2	Glyphosate alone	1 qt/A	191	91.30	91.30	93.50	91.30
3	Glyphosate + SourceFul®	1 qt + 2 pt/A	212	92.30	92.30	99.30	98.30
4	Glyphosate + HumiSource® Plus	1 qt + 2 pt/A	198	78.80	80.00	67.50	75.00
5	Weed Free with glufosinate + SourceFul®	2 pt/A	198	99.30	98.80	98.30	99.30
6	Weed Free with glufosinate + HumiSource® Plus	2 pt/A	207	99.00	99.00	99.30	99.30
7	SourceFul® over the row at planting Weed Free	2 pt/A Banded over the seed furrow	199	100.00	100.00	97.30	97.50
8	HumiSource® Plus over the row at planting Weed Free	2 pt/A Banded over the seed furrow	236	100.00	100.00	98.30	98.30



HumiSource® Plus over the row at planting
was the best yielding treatment by 37.5 bushels
per acre above the test average. Also this
treatment was 44 bushels per acre more
than glyphosate alone.

Weed Free treatments with HumiSource® Plus
and Sourceful® applied separately were weed
free and had increased yields.

Sourceful® over the row at planting was a
very good yielding treatment.

Sourceful® as a surfactant with glyphosate
is a good weed control.

Nutrient holding capacity increased.

Water uptake improved.

HumiSource® Plus and Sourceful® include
biostimulant creating microbial activity.

**LEONARDITE
PRODUCTS**

Protocol

The trial and overview were completed by Rene Scoresby, PhD, in Southwestern Idaho during the 2024 growing season.

Corn was planted in April to a population of 40,000 plants per acre.

There was near 100% corn germination.

Corn grew to over 10 feet tall. Plots with weeds were shorter than plots without weeds.

Experiment was irrigated as needed all season long, usually once a week from June to the middle of September.

The corn was harvested in October. Corn from each plot was weighed and yield converted to bushels per acre.

