



## SPRAY WATER ANALYSIS

<b>To</b>	CUSTOMER NAME ADDRESS 1 ADDRESS 2 TOWN NAME, ST 54321
-----------	--

<b>For</b>	SPRAY WATER
------------	-------------

<b>Report Number</b>	F76001-8002	<b>Account Number</b>	54321
<b>Lab Number</b>	50005	<b>Page Number</b>	1 of 2
<b>Sample ID</b>	WS1 EXAMPLE		

<b>Date Sampled</b>	10/6/2015
<b>Date Received</b>	10/8/2015
<b>Date Reported</b>	10/12/2015

Analysis	Result	Unit	Corrective Action*	
			Not Needed	Recommended
pH	7.6	S.U.	4.0 - 6.0	3.5 or >7.0
Conductivity	1.3	mmho/cm	<0.5	>0.5
Total Dissolved Solids (est.)	813	mg/L	<250	>250
Hardness, Total (Calc.)	643	mg/L	<150	>400
Calcium (Ca)	129	mg/L	<150	>150
Magnesium (Mg)	78	mg/L	<100	>100
Sodium (Na)	19	mg/L	<300	>300
Sodium Adsorption Ratio	0.32		<5	>10
Potassium (K)	1	mg/L	<675	>675
Iron (Fe)	10.00	mg/L	<25	>30
AMS for Glyphosate Application				
Label Rate**	8.5	lb/100 gal		
Calculated ***	2.8	lb/100 gal		

\* These corrective action levels are provided as a general guideline; the exact chemical and formulation of the pesticide being used may have more or less tolerance to each parameter; please read and follow the instruction in the chemical label.

\*\* AMS provides herbicide efficacy benefits in addition to water conditioning. Most glyphosate labels recommend between 8.5 and 17.0 pounds of AMS per 100 gallons of spray water. Please read and follow the instructions in the chemical label.

\*\*\* As calculated from NDSU W253, 2016. This does not account for antagonistic minerals on or in the leaf tissue in species like lambsquarters, sunflower, and velvetleaf which may require additional AMS.



## SPRAY WATER ANALYSIS

<b>To</b>	CUSTOMER NAME ADDRESS 1 ADDRESS 2 TOWN NAME, ST 54321
-----------	--

<b>For</b>	SPRAY WATER
------------	-------------

<b>Report Number</b>	F76001-8002	<b>Account Number</b>	54321
<b>Lab Number</b>	50006	<b>Page Number</b>	2 of 2
<b>Sample ID</b>	WS2 EXAMPLE		

<b>Date Sampled</b>	10/6/2015
<b>Date Received</b>	10/8/2015
<b>Date Reported</b>	10/12/2015

Analysis	Result	Unit	Corrective Action*	
			Not Needed	Recommended
pH	7.4	S.U.	4.0 - 6.0	3.5 or >7.0
Conductivity	0.7	mmho/cm	<0.5	>0.5
Total Dissolved Solids (est.)	448	mg/L	<250	>250
Hardness, Total (Calc.)	322	mg/L	<150	>400
Calcium (Ca)	86	mg/L	<150	>150
Magnesium (Mg)	26	mg/L	<100	>100
Sodium (Na)	19	mg/L	<300	>300
Sodium Adsorption Ratio	0.46		<5	>10
Potassium (K)	4	mg/L	<675	>675
Iron (Fe)	0.03	mg/L	<25	>30
AMS for Glyphosate Application				
Label Rate**	8.5	lb/100 gal		
Calculated ***	1.2	lb/100 gal		
Alkalinity (CaCO3 equiv.)	280	mg/L	<300	>500
Carbonate (CO3)	<1	mg/L		
Bicarbonate (HCO3)	342	mg/L	<400	>500

\* These corrective action levels are provided as a general guideline; the exact chemical and formulation of the pesticide being used may have more or less tolerance to each parameter; please read and follow the instruction in the chemical label.

\*\* AMS provides herbicide efficacy benefits in addition to water conditioning. Most glyphosate labels recommend between 8.5 and 17.0 pounds of AMS per 100 gallons of spray water. Please read and follow the instructions in the chemical label.

\*\*\* As calculated from NDSU W253, 2016. This does not account for antagonistic minerals on or in the leaf tissue in species like lambsquarters, sunflower, and velvetleaf which may require additional AMS.