

# North Dakota Adjuvant Compendium

For other adjuvants: [www.herbicide-adjuvants.com/](http://www.herbicide-adjuvants.com/)

<b>Nonionic Surfactant (NIS)</b>			
Activator 90	Loveland	\$32.00 gal	0.25 to 0.5% v/v
APSA-80	Amway	\$32.00 gal	0.25 to 0.5% v/v
ChemSurf 90	United Suppl.	\$32.00 gal	0.25 to 0.5% v/v
Wetcit	Oro Agri	\$75.00 gal	0.25 to 0.5% v/v
Haf-Pynt	Drexel	\$31.00 gal	0.25 to 0.8% v/v
Hypertonic	CHS	\$33.00 gal	0.25 to 0.5% v/v
Induce	Helena	\$31.00 gal	0.25 to 0.5% v/v
Insist 90	Wilbur-Ellis	\$24.00 gal	0.25 to 0.5% v/v
K-Tone	West Central	\$33.00 gal	0.25 to 0.5% v/v
Liberate LeciTech	Loveland	\$44.00 gal	0.25 to 0.5% v/v
Pen-A-trate II	Precision Labs	\$32.00 gal	0.25 to 0.5% v/v
Prefer 90	West Central	\$33.00 gal	0.25 to 0.5% v/v
Preference	Winfield	\$35.00 gal	0.25 to 0.5% v/v
Protyx	Precision Labs	\$100.00 g	0.125% v/v
R-11	Wilbur-Ellis	\$32.00 gal	0.25 to 0.5% v/v
Rainier EA	Wilbur-Ellis	\$37.00 gal	0.25 to 0.5% v/v
Surf-AC 910	Drexel	\$25.00 gal	0.25 to 0.5% v/v
Tradition 93	Rosens	\$ - gal	0.25 to 0.5% v/v
Translate	United Suppl.	\$38.00 gal	0.25 to 0.5% v/v
Wet-Sol 99	Schaeffers	\$28.00 gal	0.25 to 0.5% v/v

## NIS Approved for use in Water

Surfactants approved for use in bodies of water are:

Activate Plus	AgriDex	Class Act NG	Induce
Level 7	Liberate L-Tech	Preference	R-11
Top Surf	X-77		

## Surfactant & Silicone

Freeway	Loveland	\$110.00 g	0.75 to 2 pt/100 gal
Kinetic	Helena	\$115.00 g	0.75 to 2 pt/100 gal
Sil-Fact	Drexel	\$45.00 gal	0.75 to 2 pt/100 gal
Silkin	Winfield	\$100.00 g	0.75 to 2 pt/100 gal
Speed	Precision Labs	\$135.00 g	0.25 to 2 pt/100 gal
Sur-Plus	United Suppl.	\$87.00 gal	0.5 to 2 pt/100 gal
Sylcoat	Wilbur-Ellis	\$122.00 gal	0.75 to 2 pt/100 gal

## Surfactant & Deposition/Retention (Drift Retardant)

Cerium Elite	West Central	\$41.00 gal	1 qt/100 gal
Fixate Pro	West Central	\$41.00 gal	1 qt/100 gal
MasterLock	Winfield	\$55.00 gal	5 to 8 fl oz/A
Parachute	West Central	\$42.00 gal	3 to 4 fl oz/A

## Surfactant & Drift Retardant & Antifoam

Powerlock	Winfield	\$55.00 gal	5 to 8 oz/A
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## Surfactant & Nano-technology (carbon tubes)

Chem Xcel Gen 3	C&R Enterprise	\$62.50 gal	22-25 fl oz/gal herb.
Nano Excel	Enviro Science	-	2 to 8 fl oz/A
Nano-Revolution 3.0	Max Systems	\$145.00 g	2 to 8 fl oz/A

## Petroleum Oil Concentrate (POC/COC)

Agri-Dex	Helena	\$21.00 gal	1 to 2 pt/A
Herbimax	Loveland	\$22.00 gal	1 to 2 pt/A
Rendur Crop Oil	West Central	\$14.00 gal	1 to 2 pt/A
Peptoil	Drexel	\$12.00 gal	1 to 2 pt/A
Prime Oil	Winfield	\$15.00 gal	1 to 2 pt/A
Protyx Aerial	Precision Labs	\$21.00 gal	0.5 pt/A
R-Way	Rosens	\$ - gal	1 to 2 pt/A
ROC Crop Oil	Wilbur-Ellis	\$15.00 gal	1 to 2 pt/A

## Crop (Soybean) Oil Concentrate

BeanOil	Drexel	\$15.00 gal	1 to 2 pt/A
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## High Surfactant Petroleum Oil Concentrate (HSPOC)

Between	United Suppl.	\$20.00 gal	1 to 2 pt/A
Diplomat	Rosens	\$21.00 gal	1 to 2 pt/A
Exchange	Precision Labs	\$26.00 gal	1 to 2 pt/A
Hi-Load	Simplot	\$26.00 gal	1 to 2 pt/A
High Load	Wilbur-Ellis	\$26.00 gal	1 to 2 pt/A
High Mark	Loveland	\$26.00 gal	1 to 2 pt/A
Sitka	CHS	\$24.00 gal	1 to 2 pt/A
Stake	West Central	\$24.00 gal	1 to 2 pt/A
Superb HC	Winfield	\$25.00 gal	1 to 2 pt/A

## Methylated Seed Oil (MSO)

Emulate	CHS	\$22.00 gal	1 to 2 pt/A
Fire-Zone	Helena	\$27.00 gal	1 to 2 pt/A
Hasten	Wilbur-Ellis	\$34.00 gal	1 to 2 pt/A
MES-100	Drexel	\$15.00 gal	1 to 2 pt/A
MSO Leci-Tech	Loveland	\$27.00 gal	1 to 2 pt/A
MSO Ultra	Precision Labs	\$26.00 gal	1 to 2 pt/A
Noble	Winfield	\$23.00 gal	1 to 2 pt/A
Persist Ultra	J.R. Simplot	\$20.00 gal	1 to 2 pt/A
Premium MSO	Helena	\$20.00 gal	1 to 2 pt/A
Succeed	United Suppl.	\$19.00 gal	1 to 2 pt/A
Sundance II	Rosens	\$21.00 gal	1 to 2 pt/A
Superspread MSO	Wilbur-Ellis	\$27.00 gal	1 to 2 pt/A
Upland MSO	West Central	\$22.00 gal	1 to 2 pt/A

## MSO & Organosilicone Surfactant

Air Force	United Suppl.	\$47.00 gal	4 to 6 fl oz/A
Dyne-Amic	Helena	\$57.00 gal	4 to 6 fl oz/A
Inergy	Winfield	\$55.00 gal	4 to 6 fl oz/A
Sil-MES 100	Drexel	\$40.00 gal	4 to 6 fl oz/A
Syl-Tac	Wilbur-Ellis	\$63.00 gal	4 to 6 fl oz/A

## MSO & Basic pH Blend

Entro	Various	\$28.00 gal	1 to 2 pt/A
Renegade EA	Wilbur-Ellis	\$30.00 gal	1 to 2 pt/A

## MSO & Deposition/Retention (Drift Retardant)

StrikeLock	Winfield	\$ - gal	0.5 to 1 pt/A
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## MSO & Surfactant & Deposition/Retention (Drift Retardant)

Plexus	Rosens	\$ - gal	10 to 12 fl oz/A
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## High Surfactant Methylated Oil Concentrate (HSMOC)

Cide Winder	Helena	\$42.00 gal	1 to 1.5 pt/A
Destiny HC	Winfield	\$40.00 gal	1 to 1.5 pt/A
Duce	Helena	\$36.00 gal	1 to 1.5 pt/A
Glacier EA	Wilbur-Ellis	\$50.00 gal	1 to 1.5 pt/A
Hot MES	Drexel	\$20.00 gal	1 to 1.5 pt/A
Hybrid	Miller	\$34.50 gal	1 to 1.5 pt/A
Kixyt	Precision Labs	\$44.00 gal	1 to 1.5 pt/A
Savvy	West Central	\$37.00 gal	1 to 1.5 pt/A
Top Shelf	Loveland	\$32.00 gal	1 to 1.5 pt/A
Woodside	CHS	\$37.00 gal	1 to 1.5 pt/A

**ADJUVANTS CONTAINING AMMONIUM**  
**Ammonium sulfate (AMS) / Urea ammonium nitrate (UAN)**

**Fertilizer**

AMS (Dry)	Various	\$0.35 lb	4 to 8.5 lb/100 gal
AMS (liquid)	Various	\$6-9 gal	2 to 4 qt/A
28% UAN/Bulk	Various	\$3-10 gal	2 to 4 qt/A

**AMS & Surfactant (NIS)**

Cayuse Plus	Wilbur-Ellis	\$27.00 gal	2 to 6 qt/100 gal
Class Act NG	Winfield	\$13.00 gal	2.5% v/v
Class Act Flex	Winfield	\$15.00 gal	1 to 4 % v/v
Deliver	Precision Labs	\$14.00 gal	2.5% v/v
Impressive DB	Rosens	\$1.25 lb	2.25 lb/A
Powerhouse	Rosens	\$12.00 gal	5 to 10 qt/100 gal
Precinct	West Central	\$13.00 gal	2.5% v/v
Re-Duce	Helena	\$12.00 gal	1% v/v
Surfate	Loveland	\$23.00 gal	1% v/v
Ultra Surf AMS	United Suppl.	\$10.00 gal	2.5% v/v
Wheelhouse	CHS	\$13.00 gal	2.5% v/v

**AMS & Drift Retardant (Deposition)**

AMS 20/10	United Suppl.	\$1.60 lb	10 lb/100 gal
Array	Rosens	\$2.50 lb	9 lbs/100 gal
Lox Plus	Drexel	\$15.00 gal	1 to 2 gal/100 gal
StrikeZone MXD	Helena	\$5.00 gal	2 lb/100 gal
Vector	Rosens	\$7.50 gal	2 lb/100 gal

**AMS & Defoamer**

AMS-Xtra	Drexel	\$4.00 gal	2.5 to 5% v/v
Omnix LDF	Precision Labs	\$9.00 gal	2.5 to 5% v/v

**AMS & Deposition & Defoamer**

AMS-Supreme	Drexel	\$15.00 gal	2.5 to 5% v/v
Border Xtra DF	Precision Labs	\$2.00 lb	18 lb/100 gal
Border Xtra 8L	Precision Labs	\$13.00 gal	2.5% v/v
Drift-Gard	Rosens	\$ - gal	9 lb/100 gal

**AMS & Surfactant & Deposition & Defoamer**

AMS-All	Drexel	\$11.00 gal	1 to 5 gal/100 gal
Blue Diamond	NWC,Emerado	\$15.00 gal	1 to 2 qt/100 gal
Bronc Triple	Wilbur-Ellis	\$43.00 gal	10 lb/100 gal
Pay Off Plus	United Suppl.	\$2.00 lb	10 lb/100 gal
Zenith	Rosens	\$1.80 lb	1.5 to 2.25 lb/A

**AMS & Surfactant & Paraffinic oil**

Flame	Loveland	\$42.00 gal	0.5% v/v
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**AMS & WCA\* (AMS Replacement)**

Alliance	Winfield	\$18.00 gal	1.25% v/v
Bronc Max	Wilbur-Ellis	\$25.00 gal	0.5 to 1% v/v
Choice W-Master	Loveland	\$30.00 gal	0.5% v/v
Enact	Rosens	\$25.00 gal	0.5% v/v
SeQuel	Helena	\$17.00 gal	1 to 5 pt/100 gal
Transport LpH	Precision Lab	\$20.00 gal	0.5% v/v

**AMS & WCA\* & Deposition**

AMS 2000	United Suppl.	\$1.25 lb	10 to 17 lb/100 gal
AmSol Plus	United Suppl.	\$6.00 gal	2.5 gal/100 gal
Double Down	United Suppl.	\$8.00 gal	2.5 gal/100 gal
Rush	Winfield	\$25.00 gal	2 to 4 qt/100 gal

**AMS & WCA\* & Deposition & Defoamer**

Holzi	Drexel	\$1.60 lb	9 lb/100 gal
Stay Down	Rosens	\$ - gal	5 lb/100 gal

**AMS & WCA\* & Surfactant & Deposition & Defoamer**

Veracity	West Central	\$26.00 gal	3 qt/100 gal
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**Basic pH Blend**

Axon	CHS	\$24.00 gal	1% v/v
Linkage	West Central	\$24.00 gal	1% v/v
Newtone	Winfield	\$30.00 gal	1% v/v
Quad 7	Loveland	\$22.00 gal	1% v/v
Sequestra	Drexel	\$24.00 gal	1% v/v

**Acidic AMS Replacement (contains AMADS)**

AMADS - Monocarbamide dihydrogen sulfate = urea + sulfuric acid

Aduro	Winfield	\$32.00 gal	4 pt/100 gal
Brimstone	Wilbur-Ellis	\$42.00 gal	4 pt/100 gal
ET-4000	MK Ag Service	\$31.00 gal	4 pt/100 gal
Fixate	CHS	\$32.00 gal	4 pt/100 gal
Gun Smoke	Loveland	\$40.00 gal	4 pt/100 gal
Hel-Fire	Helena	\$36.00 gal	4 pt/100 gal
Import	Precision Labs	\$37.00 gal	4 pt/100 gal
Jackhammer	West Central	\$32.00 gal	4 pt/100 gal

**Acidic WCA\***

ET-4000	MK Ag Service	\$31.00 gal	4 pt/100 gal
Regulator 2.0	Max Systems	\$22.00 gal	2 to 4 qt/100 gal

**Acidic WCA\* & Surfactant & Base Oil**

Simplyx	Precision Labs	\$40.00 gal	0.5 pt/A
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\*Non ammonium / non-AMS water conditioning agent

**ADJUVANTS CONTAINING NO AMMONIUM****WCA\* / AMS Replacement**

Choice Trio	Loveland	\$29.00 gal	0.5% v/v
Citron	Farm Direct	\$3.50 lb	2.2 lb/100 gal
Class Act Ridion	Winfield	\$ -	0.5 to 2% v/v
Cut-Rate	Wilbur-Ellis	\$2.75 lb	3 to 4 lb/100 gal
Quest/Request	Helena	\$22.00 gal	0.5% v/v
Speedway	United Suppl.	\$38.00 gal	0.5% v/v

**WCA\* & Surfactant**

Best Shot	CHS	\$ -	0.25 to 0.5% v/v
Fastrack	United Suppl.	\$28.00 gal	0.75% v/v
Flame	Loveland	\$42.00 gal	0.5% v/v
Jackhammer Elite	West Central	\$27.00 gal	2 qt/100 gal
Last Chance	West Central	\$ -	0.25 to 0.5% v/v
Transport Ultra	Precision Labs	\$39.00 gal	0.25 to 0.75% v/v
Wheelhouse Pro	CHS	\$27.00 gal	2 qt/100 gal

**WCA\* & HSMOC**

Zaar	Helena	\$37.00 gal	1% v/v
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**WCA\* & Surfactant & Deposition/Retention & Defoamer**

Strike Force	Loveland	\$65.00 gal	2 qt/100 gal
Trapline Pro	CHS	\$62.00 gal	2 qt/100 gal
Trapline Pro II	CHSI	\$51.00 gal	2 qt/100 gal
Veracity Elite	West Central	\$62.00 gal	2 qt/100 gal
Veracity Elite II	West Central	\$51.00 gal	2 qt/100 gal
Weather-Gard	Loveland	\$65.00 gal	2 qt/100 gal
Complete Leci-Tec			

**WCA\* & Deposition/Retention & Defoamer**

AccuQuest WM	Helena	\$36.00 gal	1 to 3 qt/100 gal
Formula 1	United Suppl.	\$30.00 gal	1 to 3 qt/100 gal

\*Non ammonium / non-AMS water conditioning agent

**UTILITY ADJUVANTS****Deposition/Retention - Drift Retardants**

Affect GC	United Suppl.	\$40.00 qt	1 to 2 fl oz/100 gal
Border EG 250	Precision Labs	\$1.20 oz	10 oz/100 gal
Buckhorn Total	CHS	\$58.00 gal	2 to 6 fl oz/A
Cognitive 1	West Central	\$34.00 gal	2 to 4 qt/100 gal
Corral Poly	Winfield	\$25.00 qt	4 to 12 fl oz/100 gal
Crosshair	Wilbur-Ellis	\$51.00 gal	4 fl oz/A
Direct	Precision Labs	\$34.00 qt	1 to 4 oz/100 gal
In-Place	Wilbur-Ellis	\$51.00 gal	4 fl oz/pt-lb
InterLock	Winfield	\$60.00 gal	herbicide
Lox	Drexel	\$25.00 gal	4 to 6 fl oz/A
Placement	Winfield	\$45.00 gal	4 to 8 fl oz/A
Point Blank	Helena	\$42.00 qt	2 to 6 fl oz/100 gal
Sedate Max	West Central	\$58.00 gal	2 to 6 fl oz/A

**Deposition/Retention & Defoamer**

Compadre Leci-Tc	Loveland	\$58.00 gal	1 pt/100 gal
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**Acidifying Agents**

BS-500	Drexel	\$17.00 gal	2 to 4 pt/100 gal
Complete	Winfield	\$44.00 gal	1 to 3 pt/100 gal
Denali EA	Wilbur-Ellis	\$35.00 gal	0.4 to 4 pt/100 gal
Indicate 5	United Suppl.	\$48.00 gal	2 to 4 pt/100 gal
Induce pH	Helena	\$37.00 gal	2 to 4 pt/100 gal
LI-700 Leci-Tech	Loveland	\$39.00 gal	2 to 4 pt/100 gal
New Balance	Precision Lab	\$44.00 gal	2 to 4 pt/100 gal
SuperSpread 7000	Wilbur-Ellis	\$31.00 gal	0.5 to 2 pt/100 gal
Sequestra	Drexel	\$24.00 gal	1 to 5 gal/100 gal
Tri-Fol	Wilbur-Ellis	\$36.00 gal	0.5 to 4 pt/100 gal

**Compatibility Agents**

Blendex	Helena	\$55.00 gal	1 to 5 pt/100 gal
CompatibilityAgent	West Central	\$35.00 gal	1 to 3 pt/100 gal
Complete	Winfield	\$44.00 gal	1 to 3 pt/100 gal
Convert	Precision Labs	\$50.00 gal	1 to 6 pt/100 gal
EZ-Mix	Loveland	\$38.00 gal	1 to 4 pt/100 gal
Mix	Drexel	\$20.00 gal	1 to 4 pt/100 gal
Mix-All	Rosens	\$45.00 gal	1 to 4 pt/100 gal
Compatibility Plus	United Suppl.	\$41.50 gal	1 to 2 pt/100 gal

**Spray Tank Cleaners**

Tank Cleaner	Various	\$12-25 qt	1 to 2 qt/100 gal
Tank Cleaner	Various	\$5-7.00 lb	1 to 2 lb/100 gal