



**BRANDT®**

## Adjuvant Product Guide



# **Proven Adjuvant Technology**

## **Developed by BRANDT for Modern Application Needs**

For more than 50 years, BRANDT has been developing adjuvants focused on improving spray performance and tank mix functionality. BRANDT is a leading supplier of specialty inputs for agriculture, turf and ornamental, and lawn and garden markets, offering over 70 adjuvant solutions, including OMRI Listed options approved for organic production. Building on this experience, BRANDT has introduced a new line of next-generation adjuvants designed to address today's challenges.

## Stickers

### **BRANDT Organics SKH Sticker** *OMRI Listed*

Premium dry sticker. Enhances pesticide and fertilizer efficacy. Helps the spray application adhere to the target and resist rain/ irrigation wash-off.

### **BRANDT Organics Umbrella** *OMRI Listed*

Spreader/sticker enhances the efficacy of foliar applied pesticides. Improves spreading and forms a rain fast film that keeps the spray application on the plant.

## Vegetable Oil Concentrates

### **BRANDT M.S.O.** *CPDA Certified*

High quality activator/penetrant that contains 15% surfactant versus the 10% typically found in competitive products. It provides superior wetting and spreading to maximize pesticide application efficacy. Recommended as an alternative to non-ionic surfactants and petroleum crop oils.

### **BRANDT Sidekick**

Non-ionic cottonseed oil emulsion. Improves pesticide application coverage, deposition and canopy penetration. Helps reduce application evaporation. Ideal for aerial and ground applications with low water volume.

### **BRANDT Uptake MSO**

A premium spray adjuvant that combines methylated seed oil with non-ionic surfactant to improve the efficacy of crop protection products. Formulated to replace crop oil concentrates, it enhances droplet spreading and helps active ingredients penetrate plant cuticles more effectively.

### **BRANDT Uptake HS MSO**

A next-generation methylated seed oil adjuvant, formulated with a high surfactant load for improved coverage, penetration, and active ingredient uptake. With its low use rate and low foam technology, this NPE-free formulation is a smart choice for tank mixes where performance matters.

## Crop Oil Concentrates

### **BRANDT Crop Oil** *CPDA Certified*

Non-ionic surfactant that contains 83% petroleum oil. Improves foliar absorption and efficacy of herbicides and systemic fungicides.

## BRANDT Uptake COC

Is formulated to boost the effectiveness of certain pesticides. This crop oil concentrate combines a superior paraffinic oil with a surfactant to increase coverage, penetration, and uptake of active ingredients - helping deliver better results across a range of crop protection programs.

## BRANDT Uptake HS COC

Paraffinic oil with a high surfactant concentration to enhance pesticide performance. This advanced formulation improves coverage, penetration, and overall activity of crop protection products, allowing effective use at lower rates than traditional crop oil concentrates.

## Water Conditioner Agents

### **BRANDT Magnify** *CPDA Certified & APE/NP-Free*

Non-ionic surfactant and water conditioner. Contains ammonium ions to improve activity, wetting, spreading and penetration. Designed for use with herbicides, defoliant and desiccants that require ammonium sulfate/nitrate and a surfactant. Recommended for use with glyphosate, paraquat and sulfonyl urea herbicides.

### **BRANDT Uptake AMS**

A premium ammonium sulfate-based water conditioner designed to enhance herbicide performance and nutrient compatibility in the tank. It is formulated to reduce hard water antagonism and improve nutrient and herbicide uptake. Ideal for tank mixes that recommend or require ammonium sulfate.

### **BRANDT Uptake Plus**

A low-foaming premix of ammonium sulfate, surfactant, and sugar release technology that conditions hard water, lowers spray pH, and boosts glyphosate and glufosinate uptake. Its drift reduction and dispersing power further enhance overall herbicide performance.

### **BRANDT AdjuLock II**

Multi-purpose adjuvant that reduces driftable fines and improves the wetting and spreading properties of the tank mix. Contains a non-AMS water conditioner to minimize herbicide antagonism with nutrients present in hard water (Ca, Mg, Fe). Improves herbicide efficacy, wetting and spreading.

## **BRANDT Insure**

Multi-function water conditioner, acidifier and non-ionic surfactant. Contains ammonium ions to improve application activity, wetting, spreading and penetration. Conditions and acidifies alkaline water. Recommended for use with post-emergent herbicides such as glyphosate to minimize antagonism with nutrients present in hard water (Ca, Mg, Fe).

## **Multi-Functional**

### **BRANDT Super 7** *CPDA Certified & APE/NP-Free*

Multi-function surfactant, penetrant, deposition aid and acidifier. Decreases application surface tension to improve deposition, coverage, penetration and efficacy. Reduces spray drift and lowers pH of the spray solution to prevent alkaline hydrolysis of pesticides sensitive to high pH.

### **BRANDT® Torpedo®** *CPDA Certified*

Multi-function non-ionic surfactant, penetrant and deposition aid. Designed for use with pesticides when a non-ionic surfactant, crop oil concentrate, or methylated seed oil is required. The formulation is pH neutral and works well with systemic chemistries. It decreases surface tension of the spray application to improve deposition, coverage and penetration. Reduces drift.

### **BRANDT No Foam B** *APE/NP-Free*

Non-ionic surfactant and activator. Provides quick wetting and uniform spreading of pesticides, including organophosphate formulations. May be used to buffer highly alkaline water. Ideal for use with fungicides/insecticides that are sensitive to high pH.

### **BRANDT® A+®** *OMRI Listed, CPDA Certified & APE/NP-Free*

Proprietary non-ionic surfactant that contains novel drift reduction technology. Humectant properties improve deposition and slow application dry down. Improves application activity and efficacy. An excellent option for sensitive crops.

## **BRANDT Uptake Complete**

A multifunctional spray adjuvant formulated specifically for herbicide tank mixes. It combines drift reduction, water conditioning, volatility control, and surfactant performance in one convenient product. This product features a non-AMS water conditioner and helps maintain tank mix pH above 5.0 to reduce volatility.

## **Acidifier & Buffering Agents**

### **BRANDT® Indicate 5®**

Multi-function non-ionic surfactant, pH indicator and acidifier. Improves spray application coverage and performance. Built-in pH indicator turns spray water pink when the optimum pH level of 4.5-5.5 is reached.

### **BRANDT pH Adjust**

Citric acid acidifier and buffering agent. Lowers pH of spray solutions where phosphoric acid or other strong acids are undesirable.

## **Drift Reduction Agents**

### **38-F®**

32% polyacrylamide polymer used as drift retardant additive. May be used in aerial and ground pesticide applications.

### **41-A®**

30% dry-flowable polyacrylamide, polysaccharide polymer used as drift retardant additive. May be used in aerial and ground pesticide applications.

### **BRANDT OnSite**

1% polyvinyl polymer deposition aid and drift control agent. Improves spray deposition, crop canopy penetration and reduces drift. Compatible with all glyphosate formulations and most water soluble, emulsified and wettable powder pesticides.

### **BRANDT Torpedo Plus**

A proprietary adjuvant blend with advanced drift reduction and canopy deposition technology. This methylated seed oil-based formula enhances spray performance by minimizing drift, improving droplet deposition, and helping actives stay on target for better coverage and efficacy.

## Non-Ionic Surfactants

### **BRANDT Organics Ag Aide** *OMRI Listed*

Non-ionic surfactant that contains 100% *Yucca schidigera* extract. Enhances the activity of pesticides and foliar nutrients. Foliar applications provide rapid wetting and improve absorption. Soil applications increase water penetration and wetting of hydrophobic soils.

### **BRANDT Ultra 90** *CPDA Certified*

General purpose, low foam non-ionic surfactant and activator. Improves foliar wetting and enhances spray application efficacy. Humectant properties slow the dry down of the spray application.

### **BRANDT No Foam A**

General purpose, low foam non-ionic surfactant and activator. Improves foliar wetting and enhances spray application efficacy. Humectant properties slow the dry down of the spray application.

### **BRANDT® Uptake® NIS 90**

A nonionic surfactant formulated with super-wetting organo-siloxane technology. It rapidly reduces surface tension for superior spreading, wetting, and penetration - ensuring that every drop of your spray mix counts. APE and NPE free, this product is effective and ideal for a wide range of tank mix programs

## Silicone Based Surfactants

### **BRANDT 719 Spreader** *OMRI Listed*

Proprietary non-ionic surfactant/wetting agent that contains trisiloxane alkoxyolate. Improves pesticide spray coverage and uptake. Prevents evaporation and runoff that can occur with traditional organosilicone agents. May be used at a lower rate than conventional non-ionic surfactants.

### **BRANDT Super Wetter** *OMRI Listed & APE/NP-Free*

Highly effective non-ionic surfactant/penetrant. Contains 100% organic modified siloxane, which may be used with spray oils and EC formulations. Reduces spray application surface tension to allow better coverage, wetting and faster absorption.



# BRANDT Adjuvants Quick Reference Guide

Product	General Use Rate	Broad-Acre Use Rate*	Description	Acidifier Buffer	Deposition Aid	Drift Control	Penetrant	Spreader	Sticker	Water Conditioner	Utility	OMRI Listed
38-F	3-5 oz/ 100 gal		32% polyacrylamide polymer		•	•					•	
41-A	2-5 oz/ 100 gal		30% flowable dry polyacrylamide /polysaccharide polymer		•	•					•	
BRANDT 719 Spreader	6-12 oz/ 100 gal	2 oz/ac	Non-ionic wetting agent, spreader, and penetrant				•	•				•
BRANDT A+	1/2-3 pts/ 100 gal	8 oz/ac	Non-ionic spreader, activator, and drift reduction agent		•	•	•	•			•	•
BRANDT AdjuLock II	5 pts/ 100 gal	12 oz/ac**	Non-AMS water conditioner, drift reduction agent and surfactant		•	•		•		•	•	
BRANDT Crop Oil	1-4 pts/ 100 gal	2 pts/ac	83%/17% crop oil concentrate				•	•				
BRANDT Indicate 5	5-32 oz/ 100 gal	6 oz/ac	Non-ionic surfactant pH indicator and acidifier	•				•		•	•	
BRANDT Insect Bait	2-8 pts/ acre		Enhances effectiveness of certain ag insecticides								•	
BRANDT Insure	1-4 pts/ 100 gal	8 oz/ac	Water conditioner, acidifier, non-ionic surfactant	•				•		•	•	
BRANDT Magnify	1-4 qts/ 100 gal	1 pt/ac	Non-ionic surfactant and water conditioner				•	•		•	•	
BRANDT M.S.O.	1/2-2 pts/ 100 gal	1.5 pts/ac	100% active modified vegetable oil concentrate		•		•	•				
BRANDT No Foam A	1/2-2 pts/ 100 gal		Non-ionic surfactant/activator				•	•				
BRANDT OnSite	1-5 qts/ 100 gal	4 oz/ac	1% polyvinyl polymer, deposition aid and drift retardant		•	•					•	•
BRANDT Organics Ag Aide	4-16 oz/ 100 gal		Non-ionic, 100% <i>Yucca schidigera</i> extract surfactant				•	•				•
BRANDT Organics Defoamer	1/2-2 oz/ 100 gal		Antifoaming agent									•
BRANDT Organics SKH Sticker	3/4-2 lbs/ 100 gal		Premium dry sticker						•			•
BRANDT Organics Umbrella	4-16 oz/ acre	4 oz/ac	Non-ionic surfactant/terpene resin sticker					•	•		•	
BRANDT pH Adjust	1/2-1 pt/ 100 gal		Citric acid based acidifier/ buffering agent	•							•	
BRANDT Sidekick	1-2 qts/ 5-20 gal	2 pt/ac	Non-ionic surfactant, sticker with cotton seed oil emulsion		•		•	•	•			
BRANDT Super Wetter	3-6 oz/ 100 gal		Premium 100% organo-modified siloxane spreader				•	•				•
BRANDT Super 7	1/2-2 pts/ 100 gal	12 oz/ac	Surfactant, penetrant, deposition aid and acidifier	•	•		•	•			•	



Product	General Use Rate	Broad-Acre Use Rate*	Description	Acidifier Buffer	Deposition Aid	Drift Control	Penetrant	Spreader	Sticker	Water Conditioner	Utility	OMRI Listed
BRANDT Torpedo	1/2-2 pts/ 100 gal	1 pt/ac	pH neutral deposition aid, non-ionic surfactant and penetrant		•	•	•	•			•	
BRANDT Torpedo Plus	4-6 oz/acre in 5-20 GPA applications		Oil emulsion drift reduction and deposition aid		•	•	•				•	
BRANDT Tripleline Defoamer	1/2-2 oz/ 100 gal		Antifoam/defoaming agent								•	
BRANDT Ultra 90	1/2-4 pts/ 100 gal		Non-ionic surfactant and activator				•	•				
BRANDT Uptake Plus	1.25 - 5 gal per 100 gal		Low-foaming premix of AMS, surfactant, dispersant and sugar-release technology					•		•	•	
BRANDT Uptake NIS 90	1-2 quarts/ 100 gal		Nonionic surfactant with super-wetting organo-siloxane technology; NPE/ APE-free				•	•				
BRANDT Uptake Complete	1.0-1.5% v/v		Non-AMS water conditioner, DRA, VRA and surfactant		•	•		•		•	•	
BRANDT Uptake AMS	2.5 - 5 gal/ 100 gal		Premium ammonium sulfate-based water conditioner							•	•	
BRANDT Uptake MSO	1-4 pints per ac	1.5 pts/ac	Premium MSO-nonionic surfactant blend that supports crop protection efficacy		•		•	•				
BRANDT Uptake HS MSO	2 - 4 quarts / 100 gal	8 - 24 oz/ac	MSO adjuvant with a high surfactant load for improved coverage, penetration and uptake		•		•	•				
BRANDT Uptake COC	1 - 4 pints / 15 - 100 gal	2 pts/ac	83% / 17% crop oil concentrate				•	•				
BRANDT Uptake HS COC	3 - 4 pints/ 100 gal	12 - 16 oz/ac	High-quality paraffinic oil with a high surfactant load to support pesticide performance				•	•				
BRANDT No Foam B	1/2-3 pts/ 100 gal		Non-ionic surfactant, activator and buffer blend	•			•	•				

\*Broad-acre field and row crop rate recommendation for spray volumes of 10-12.5 gallons per acre

\*\*Rate at 15 GPA

Always read and follow label instructions

Not all products listed in this catalog are available for sale in all U.S. states. For information regarding product availability in your area, please contact BRANDT Consolidated, Inc.

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**BRANDT Consolidated, Inc.**

2935 South Koke Mill Road  
Springfield, Illinois 62711 USA  
800 300 6559  
217 547 5840

3654 South Willow Avenue  
Fresno, California 93725 USA  
559 499 2100

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