

BRANDT[®]

Adjuvant Product Guide





HELPING CUSTOMERS ACHIEVE BETTER RESULTS

With our growing line of
adjuvant products

BRANDT is a leading manufacturer and supplier of specialty inputs for the agriculture, turf and ornamental, and lawn and garden markets. The company is at the forefront of adjuvant technologies and offers over 40 adjuvant solutions - 6 of which are OMRI Listed and approved for use in organic production.

Non-Ionic Surfactants

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 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, defoliants and desiccants that require ammonium sulfate/nitrate and a surfactant. Recommended for use with glyphosate, paraquat and sulfonyl urea herbicides.

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 InSpray 90

General purpose, low foam non-ionic surfactant and activator. Improves foliar wetting and spray application efficacy.

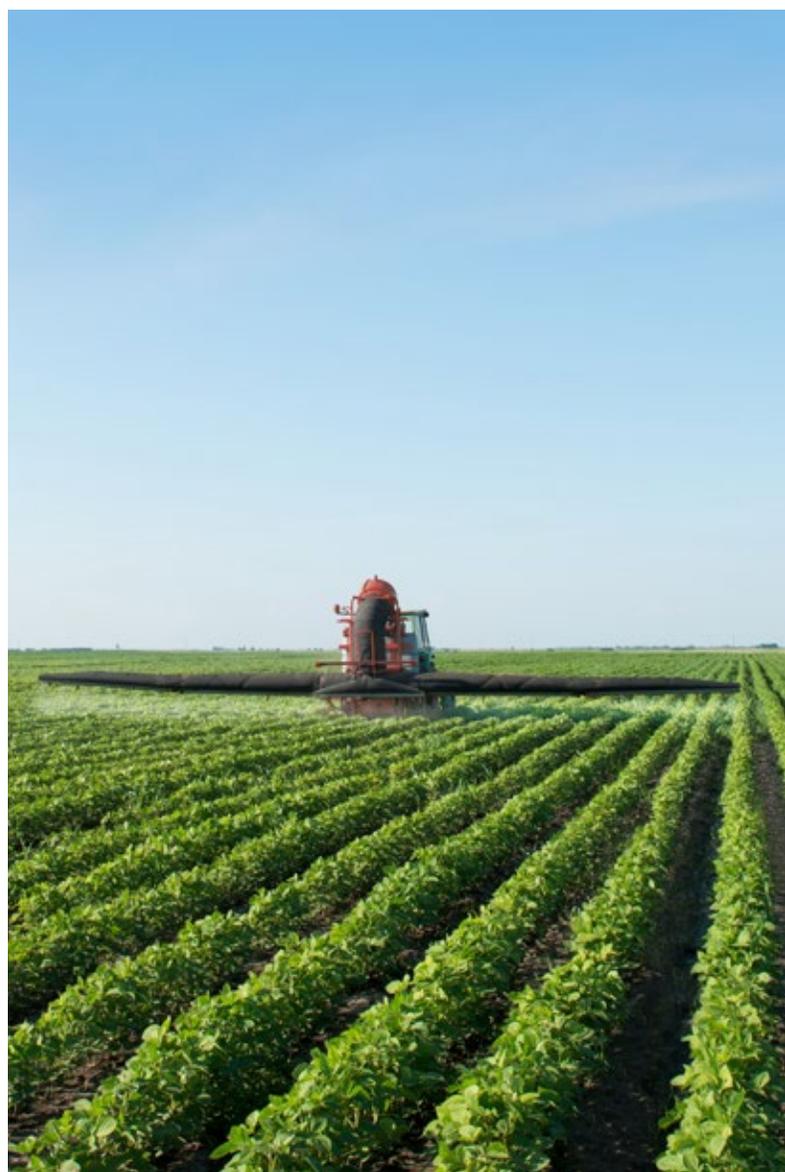
Silicone Based Surfactants

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.



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 Umbrella

Spreader/sticker enhances the efficacy of foliar applied pesticides and pre-emergent herbicides. Improves spreading and forms a rain fast film that keeps the spray application on the plant. Adheres pre-emergent herbicides to the soil, which may reduce leaching.

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 surfactant and sticker that contains 93% 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.

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.

Multi-Functional Adjuvants

BRANDT AdjuLock®

Multi-function drift reduction agent, water conditioner and surfactant. 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. Reduces driftable fines.

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 AdjuLock Prime

Volatility and drift reduction adjuvant which is designed for use in dicamba tolerant cropping systems. Uses a specially balanced buffering and volatility control system to reduce the volatility of dicamba and dicamba containing tank mixes.

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).

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. Helps reduce 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.

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 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	5 pts/100 gal	12 oz/ac**	Non-AMS water conditioner, drift reduction agent and surfactant		•	•		•		•		
BRANDT AdjuLock II	5 pts/100 gal	12 oz/ac**	Non-AMS water conditioner, drift reduction agent and surfactant		•	•		•		•	•	
BRANDT AdjuLock Prime	4 qts/100 gal	19.2 oz/ac**	DRT, volatility and non-AMS water conditioner	•	•	•		•		•	•	
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 Inhance	3-5 qts/100 gal		Liquid AMS water conditioner							•		
BRANDT Insect Bait	2-8 pts/acre		Enhances effectiveness of certain ag insecticides								•	
BRANDT InSpray 90	1/2-4 pts/100 gal		90% active non-ionic surfactant and activator					•				
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 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	•	•	•	•	•				
BRANDT Torpedo	1/2-2 pts/100 gal	1 pt/ac	pH neutral deposition aid, non-ionic surfactant and penetrant		•	•	•	•				
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 Umbrella	4-16 oz/acre	4 oz/ac	Non-ionic surfactant/terpene resin sticker					•	•		•	
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



BRANDT Adjuvants Approved for Use with New Cropping Systems

As seed traits and cropping systems change, so do tank mix partners. BRANDT is at the forefront of adjuvant technologies that are approved for use with the herbicides listed below.

Formulation	Product Description	XtendiMax®	Engenia®	Enlist Duo®	Enlist One®	Tavium®
BRANDT Onsite	Drift Reducing Adjuvant/Agent (DRA)	●	●	●	●	●*
BRANDT Inspray 90	Spreader/activator	●*	●	●	●	●
BRANDT Torpedo	Surfactant/penetrant/deposition aid	●*			●	●
BRANDT AdjuLock	Drift Reducing Adjuvant/Agent (DRA)	●	●			
BRANDT AdjuLock II	DRT/non-AMS water conditioner/surfactant	●	●			●
BRANDT AdjuLock Prime	Complete volatility, DRT and non-AMS water conditioner	●	●			●
BRANDT Inhance	Ammonium sulfate based water conditioner			●	●	
BRANDT Umbrella	Spreader/sticker			●	●	
BRANDT M.S.O.	Activator/penetrant	●*	●*		●	●
BRANDT A+	Surfactant/deposition aid/wetter	●*				

*with approved DRA

The list of approved BRANDT products is growing! To see the most current list of approved products visit www.brandt.co/tankmixapprovals

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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