



**Silwet**   
BY MOMENTIVE

## **Agricultural Adjuvants and Antifoams Product Selection Guide**

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**AgroSpred**   
BY MOMENTIVE

**SAG**   
BY MOMENTIVE

# Proven Products that Offer Spray Treatments

## What They Need to Outperform

Good ● Better ●● Excellent ●●● Exceptional ●●●●

Product	Description	Coverage		Uptake		Application Efficiency				Mix Compatibility				Sustainability	
		Super Spreading	Adhesion to Leaf	Stomatal Infiltration	Cuticular Penetration	Protective Film Forming	Drift Reduction	Low Temperature Use	Low Foaming	Robust to Hard Water	Vegetable Oil Compatibility	Mineral Oil Compatibility	Water Conditioning	pH Range	Regulatory Status

### Silwet Super Spreaders and Super Penetrants

Silwet L-77™ Super Spreader	High-performance super-spreader with exceptional spreading and stomatal infiltration when needed	●●●●	●●	●●●●	●●		●			●●	●●			6.5-7.5	EPA 40 CFR§180.910, BCS LISTED, OMRI LISTED
Silwet™ ECO Super Spreader	High-performance super spreader for organic farming	●●●●	●●	●●●	●●		●	●●●●	●●	●●	●●			6.5-7.5	EPA 40 CFR§180.910, IBD CERTIFIED, OMRI LISTED
Silwet™ 806 Super Spreader	Low-foaming super spreader with low freezing point	●●●●	●●	●●●	●●		●	●●●●	●●	●●	●●			6.5-7.5	EPA 40 CFR§180.910, OMRI LISTED
Silwet™ LF Super Spreader	Lowest foaming super spreader	●●●	●●	●●	●●		●	●●●●	●●●●	●●	●●			6.5-7.5	
Silwet™ 408 Super Spreader	High-performance super spreader compatible with vegetable oils	●●●●	●●	●●●●	●●			●●		●●	●●●			6.5-7.5	EPA 40 CFR§180.910, OMRI LISTED
Silwet™ 618 Super Spreader	Super spreader with low stomatal infiltration	●●●	●●●		●●					●●	●●			6.5-7.5	EPA 40 CFR§180.910
Silwet™ 625 Super Penetrant	Super penetrant for tank-mix herbicide applications	●	●●		●●●					●●	●			6.5-7.5	EPA 40 CFR§180.920
Silwet™ OC Adjuvant Concentrate	Adjuvant concentrate with improved spreading and adhesion for use with crop oil	●●	●●		●●					●●	●●●	●●●		6.5-7.5	EPA 40 CFR§180.910
Silwet™ 641 Concentrate	Adjuvant concentrate with excellent spreading for use with MSO	●●●	●●		●●					●●	●●●●			6.5-7.5	EPA 40 CFR§180.910
Silwet™ HS 604 Adjuvant	Low-foaming super spreader / super penetrant that is stable across a wide pH range for in-can formulation	●●●	●●●		●●●				●●●	●●				4-10	EPA 40 CFR§180.920
Silwet™ HS 312 Adjuvant	Super spreader / super penetrant that is stable across a wide pH range for in-can formulation	●●●	●●●		●●●					●●	●			3-12	EPA 40 CFR§180.910
Silwet™ HSEC Adjuvant	Clear, super spreader / super penetrant that is stable across a wide pH range for in-can formulation	●●●	●●●		●●●					●●	●			3-12	

### Silwet Multifunctional Spreaders and Penetrants

Silwet™ STIK -2 Super Spreader	Film forming, rainfast super spreader with minimal stomatal infiltration	●●●	●●●		●	●●●●			●●	●●				6.5-7.5	EPA 40 CFR§180.920
Silwet™ DRS-60 Spreader	High-performance spreader-wetter with excellent drift reduction	●●	●●		●●		●●●	●●●●		●●				6.5-7.5	EPA 40 CFR§180.920
Silwet™ FUSION Super Penetrant	Multifunctional penetrant with improved spreading, low drift, low foam, and water conditioning	●	●●		●●●		●●●	●	●●●	●●●		●●●●		6.5-7.5	EPA 40 CFR§180.920

### AgroSpreed Spreaders and Penetrants

AgroSpreed™ Prime Adjuvant	Excellent adhesion and penetration for herbicides	●●	●●●		●●●				●●	●				6.5-7.5	EPA 40 CFR§180.910, OMRI LISTED
AgroSpreed™ FLEX Adjuvant	Improved spreading and adhesion across a wide range of spray volumes	●●	●●		●●		●●●		●●	●				6.5-7.5	EPA 40 CFR§180.910, OMRI LISTED
AgroSpreed™ 200 Adjuvant	Improved spreading mineral oil adjuvant for insecticides and fungicides	●●	●●		●●				●●		●●●			6.5-7.5	EPA 40 CFR§180.910
AgroSpreed™ 910 Adjuvant	MSO-based adjuvant with improved penetration and spray coverage	●	●●		●●				●●	●●●				6.5-7.5	EPA 40 CFR§180.910
AgroSpreed™ 960 Adjuvant	d-Limonene-infused adjuvant for insecticide and fungicide applications	●●	●●		●●		●	●	●	●●●				4-10	
AgroSpreed™ 106 Adjuvant	Spreader / penetrant that is stable across a wide pH range for in-can formulation	●●	●●		●●			●●	●●					3-12	

### SAG Antifoams

Product	Description	Dose Rates	Mix Compatibility			Performance			Productivity		Sustainability	
			Aqueous Formulations	Non-Aqueous Formulations	Tank-Side Addition	Defoaming	Durability	Range of Use †††	Dispersibility	Low Dosage	Regulatory Status	
SAG™ 1572 Antifoam Emulsion	15% actives, high-performance silicone antifoam emulsion with wide use range	0.01 - 0.5% formulation <sup>†</sup> / 0.5 - 50 ppm tank side	Yes	No	Yes	●●●●	●●●●	●●●●	●●●●	●●●●	40 CFR§180.920	
SAG™ 1538 Antifoam Compound	100% actives, high-performance silicone antifoam compound with wide use range	0.01-0.2%	Limited	Yes	No	●●●●	●●●●	●●●●		●●●●	40 CFR§180.910	
SAG™ 1599 Antifoam Compound	100% actives, high-performance silicone antifoam compound for high-electrolyte formulations	0.005-0.2%	Limited	Yes	No	●●●●	●●●●	●●●		●●●●	40 CFR§180.910	
SAG™ 10 Antifoam Emulsion	1v0% actives, silicone antifoam emulsion with excellent defoaming for tank-mix applications	0.25-1.0% formulation <sup>†</sup> / 20 - 200 ppm tank side	Yes	No	Yes	●●	●	●●	●●	●●	40 CFR§180.910, 40 CFR§180.920†††, 40 CFR§180.930	
SAG™ 30 Antifoam Emulsion	30% actives, silicone antifoam emulsion with excellent defoaming for tank-mix applications	0.1 - 0.5% formulation <sup>†</sup> / 100 ppm tank side	Yes	No	Yes	●●●	●	●●	●●	●●	40 CFR§180.910, 40 CFR§180.930	
SAG™ 100 Antifoam Compound	100% actives, food-grade silicone antifoam for non-aqueous systems	0.1-0.5%	No	Yes	No	●●●	●●●	●●●		●●	40 CFR§180.960	
SAG™ 47 Antifoam Compound	100% actives, OMRI-Listed silicone antifoam compound for non-aqueous formulations	0.1-0.5%	No	Yes	No	●●●	●●●	●●●		●●	40 CFR§180.960, OMRI LISTED, 21 FR§173.340††	
Antifoam OR-10 Emulsion	10% actives, OMRI-Listed food-grade silicone antifoam emulsion with excellent defoaming properties	0.25 - 1.0% formulation <sup>†</sup> / 5 - 100 ppm tank side	Yes	No	Yes	●●●	●	●●	●●	●●	40 CFR§180.910, OMRI LISTED, 21 CFR§173.340††	
Antifoam OR-90 Compound	100% actives, OMRI-Listed food-grade silicone antifoam for fermentation and high alkaline formulations	0.05-0.5%	No	Yes	No	●●●	●●●	●●●		●●	40 CFR§180.960, OMRI LISTED, 21 FR§173.340††	
SAG™ 1529 Antifoam Concentrate	78% actives, silicone antifoam concentrate for aqueous in-can formulations	0.1-0.5%	Yes	No	No	●●●	●●	●	●●●	●●●	40 CFR§180.910	
SAG™ 471 Antifoam Concentrate	100% actives, silicone antifoam with good dispersibility and excellent defoaming for fermentation	10-200 ppm in process liquid	Fermentation Processes			●●●	●●	●	●●●	●●●	40 CFR§180.910	
SAG™ 5693 Antifoam Concentrate	100% actives, OMRI-Listed food-grade silicone antifoam compound for fermentation	10-200 ppm in process liquid	Fermentation Processes			●●●	●●	●●●	●●●	●●●	21 CFR§173.340††, OMRI LISTED	

†Recommended concentration range for when foam control of the fully-diluted product is desired. If foam control is only needed during downpacking, much lower concentrations will be effective.  
 †† Compositionally compliant with 21 CFR 173.340 and may be considered for use as a defoaming agent in processing foods in accordance with the conditions specified and limitations imposed by this regulation.

††† Limited to no more than 16.67% in the final pesticide formulation.  
 †††† Range of use = defoaming across a broad range of formulations.





#### Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

#### Product Safety, Handling and Storage

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