



BRANDT Super 7

Surfactant, Penetrant, Deposition Aid and Acidifier

BRANDT SUPER 7 is a multi-functional, penetrating surfactant derived from non-ionic soy/lecithin. It effectively reduces spray drift by improving spray pattern deposition. It also reduces spray tank water pH, which protects pesticides sensitive to alkaline hydrolysis. BRANDT SUPER 7 is low foaming, highly tolerant to hard water, and extremely compatible with most oil and water soluble pesticides. It is alkyl phenol ethoxylate-free and may be used on agricultural, forestry, horticultural, vegetation management, and other non-crop sites.

Benefits of BRANDT SUPER 7

- Penetrant properties enhance the effectiveness of systemic and contact agrochemicals without dissolving the cuticle like many oil-based surfactants.
- Soy/lecithin agents decrease drift potential by reducing sprayable fines and increase the percentage of spray droplets in the optimum range (150-500 microns) for improved target coverage.
- Superior wetting and spreading qualities reduce spray droplet surface tension, which allows better droplet dispersion and coverage on plant surfaces. This insures that more of the active ingredient is delivered.
- Unique formulation reduces bounce and shattering of droplets when they hit the leaf surfaces. This results in greater deposition and retention of the active ingredients.
- Acidification and buffering agents create higher concentrations of the nonionized lipophilic form of certain pesticides. This allows the formulation to penetrate the waxy cuticle of the leaf and cell more efficiently and improves overall efficacy.



Principal Functioning Agents

Alcohol ethoxylate, Lecithin and Propanoic acid	82.5%
Constituents Ineffective as Spray Adjuvant	17.5%
Total:	100.0%

Surfactant content 32.5%
CA Reg. No. 48813-50005-AA

Rate Recommendations	Application Rate (per 100 gal spray solution)
General use	
With defoliant, desiccants, herbicides	1-4 pt
<i>When used in place of crop oils</i>	<i>12 fl oz - 2 pt per acre</i>
With acaricides, fungicides, insecticides, PGR's	0.5-2 pt
For use as an acidifier or buffering agent	
Highly alkaline water (pH of 8 or higher)	8-16 fl oz
Mildly alkaline water (pH of 6.5-8)	4-8 fl oz

Always read and follow all label instructions before application.

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