



## Brandt® Super 7

# Surfactant • Penetrant • Deposition Aide • Acidifier

BRANDT SUPER 7 is a multi-functional non-ionic soy/lecithin derived penetrating surfactant that reduces spray drift by improving deposition of the spray pattern. In addition to its superior surfactant qualities, BRANDT SUPER 7 reduces spray tank water pH, protecting 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 and foliar nutrients. Alkyl phenol ethoxylate-free BRANDT SUPER 7 may be used on agricultural, aquatic, forestry, horticultural, vegetation management, and other non-crop sites.

### Benefits of BRANDT SUPER 7

- Unique penetrant properties enhance the effectiveness of systemic and contact agrochemicals without dissolving the cuticle like many oil-based surfactants
- Crop based soy/lecithin component decreases drift potential from the reduction of sprayable fines and increases the percentage of spray droplets in the optimum range (150-500microns) desired for better target coverage
- Superior wetting and spreading qualities reduces the spray droplet surface tension allowing for better droplet dispersion and coverage on plant surfaces, insuring more of the active ingredient is delivered
- Unique formulation reduces bounce and shattering of droplets contacting leaf surfaces resulting in greater deposition and retention of active ingredients
- Acidification and buffering qualities result in higher concentrations of the nonionized lipophilic form of certain pesticides, providing for a greater ability of these molecules to penetrate the waxy cuticle of the leaf and cell, improving overall efficacy

### Principle Functioning Agents

|   |        |
|---|--------|
| Alcohol ethoxylate, Lecithin and Propanoic acid ..... | 82.5%  |
| Constituents ineffective as spray adjuvant .....      | 17.5%  |
| Total: .....  | 100.0% |

CA Reg. No. 48813-50005-AA

| Rate Recommendations | Application Rate<br>(per 100 gal spray solution) |
|----------------------|--|
|----------------------|--|

#### General Use

|  |           |
|--|-----------|
| With defoliants, desiccants, herbicides                            | 1-4 pts   |
| With acaricides, foliar nutrients, fungicides, insecticides, PGR's | 0.5-2 pts |

#### 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  |

|                       |                         |
|-----------------------|-------------------------|
| In Place of Crop Oils | 12 fl oz-2 pts per acre |
|-----------------------|-------------------------|

Always read and follow all label directions.

For more information on BRANDT SUPER 7 call 800 300 6559 or email [info@brandt.co](mailto:info@brandt.co)

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**BRANDT®**