

# Solubor®

All Crops

## Product Overview

Boron (B) 20.5%

Solubor is one of the more commonly used product names for disodium octaborate tetrahydrate ( $\text{Na}_2\text{B}_8\text{O}_{13}\cdot 4\text{H}_2\text{O}$ ).

### Key Benefits At A Glance:

- Foliar applications of boron are effective in supplying sufficient boron for flowering and reproductive development in crops.
- The product has a fine particle size and is more soluble than Borax especially in cold water, making it the recommended choice for the application in solution.

**B**

**BORON**

- Essential for all plant growth, aiding in the transfer of sugars and nutrients from leaves to fruit, and for specific functions in yield production by increasing pollination and seed development.
- An important nutrient for root growth, cell division, and is key for optimum pod production.
- Its main function is for plant cell division (growth) in early growth stages.
- Plants have high requirements for boron during reproductive growth, specifically pollination and seed set.

Amounts of Solubor (20.5% B) to mix in spray tanks to supply of 0.5 lb of B/acre at various spray rates\*

| SPRAY RATE<br>(GALS/ACRE)  | SIZE OF TANK (GALLONS) |     |     |     |     |     |
|----------------------------|------------------------|-----|-----|-----|-----|-----|
|                            | 100                    | 200 | 250 | 300 | 350 | 400 |
| POUNDS OF SOLUBOR REQUIRED |                        |     |     |     |     |     |
| 10                         | 24                     | 49  | 61  | 73  | 85  | 97  |
| 15                         | 17                     | 33  | 41  | 49  | 57  | 65  |
| 20                         | 12                     | 24  | 30  | 36  | 43  | 49  |
| 25                         | 10                     | 20  | 24  | 29  | 34  | 39  |
| 30                         | 8                      | 16  | 20  | 24  | 28  | 32  |

\*For tank sizes greater than 400 gallons, add the amount of Solubor for the desired spray rate from those columns which will add up to the size of a larger spray tank.

If you would like more information or have questions, contact your local NexusBioAg Representative or visit [nexusbioag.com](https://nexusbioag.com)

### Application

- Agronomic considerations:  
Used in soil and foliar sprays and in fertigation programs. Solubor is highly water soluble and is commonly applied in foliar sprays. Compatible with most pesticides.
- General recommendations:  
Because the season for the most effective foliar application of boron is short, foliar sprays must be prepared quickly and accurately. Application rate is 2.4 lbs of Solubor, which provides 0.5 lb actual boron per acre.

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