

# **SOYBEANS**

## General Information

4-16-16 is highly soluble and in a form readily absorbed by plant tissue. 4-16-16 is a low salt index formulation. This product provides an additional source of nitrogen, phosphate and potassium developed to supplement standard soil fertility applications.

Optimum results are obtained when 4-16-16 is banded on or near the seed at planting, or sprayed on the plants at the second true leaf stage.

4-16-16 is compatible with most pesticides. Use the standard jar test to determine compatibility. Use soil and tissue tests or contact your State Agricultural Experiment Station or Extension Specialist for selecting treatments to best manage nutrient levels within your crop.

DO NOT use this product under the following conditions: (1) When plants are suffering from heat or pest stress; or (2) during the heat of the day or when temperatures exceed 90°F. (3) Do not apply with non-100% EDTA chelated calcium, magnesium, copper, manganese, zinc or iron compounds. (4) Do not apply with antibiotic, sulfate or chloride salts, or spray oils. (5) Do not apply by air when wind exceeds 5 miles per hour.

DO NOT spray to run off. Do not spray until droplets coalesce. Do not allow concentrated spray mist to run on fruit or leaves.

## METHODS OF APPLICATION

### SPRAY TERMINOLOGY

Broadcast application: Broadcast acre, planted acre, total acre is the total land area within the borders of the field.

Band application: Sprayed acre, strip acre, directed spray refer only to the area receiving the spray.

### GROUND APPLICATIONS

To calculate spray volumes on any crop with greater than two-thirds ground cover on a perennial crop, use “total acres” for calculating applications. On annual crops with less than two-thirds ground cover, use “sprayed acre” for calculating applications. Refer to the label to calculate the amount of 4-16-16 needed per acre for band treatment.

## DIRECTIONS FOR USE

All recommendations are based on a broadcast application. When band or directed sprays are used, calculate the rate for the “sprayed acre” only. For most field and horticultural crops the early season applications are directed sprays. For treatment of individual trees or vines, divide rate per acre by number of trees or vines per acre.

Dilute in a minimum, equal amount of water. Add wettable or soluble powders, emulsifiables or flowables to water and dissolve or disperse before adding 4-16-16.

### Method

[Broadcast/Foliar Ground](#)

[Band application](#)

### Rates

[field rates 0](#)

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### Timings

[At full leaf and the last application at early pod fill.](#)