

## **AERIAL APPLICATION (3.5 GALLONS TOTAL GPA) SPRAY VOLUME PER ACRE - HERBICIDES**

### General Information

Synergy is a spray adjuvant formulated to enhance the activity of preplant, preemerge, and post applied herbicides. Most herbicides have demonstrated improved performance when used in conjunction with methylated seed oils. Synergy is designed for use with those pesticides or products whose labels recommend the addition of a methylated seed oil, crop oil concentrate, or nonionic spray adjuvant to improve coverage and penetration. Because of its properties, Synergy can improve spray coverage, penetration and enhance pesticide performance. It is especially effective in postemergence herbicide and desiccant/defoliant sprays and is well suited for use under adverse weather conditions. Synergy is designed to replace non-ionic surfactants and petroleum based crop oils. Synergy is formulated from agriculturally derived oils and contains a high quality surfactant and emulsifier system for easy mixing in spray solutions.

NOTE: Do not use this product through any type of irrigation system. If the use of a nonionic adjuvant or crop oil is not specifically recommended but is not prohibited, the user should have experience with the combination or must have conducted a phytotoxicity trial.

Due to variations in materials, application equipment, waters and other conditions, the optimum use rate may vary. Sufficient Synergy should be added so that the spray uniformly wets the surface being treated and allows an even deposit of the active chemical without excessive runoff.

### Limitations, Restrictions, and Exceptions

### DIRECTIONS FOR USE

Most pesticide manufacturers recommend an optimum concentration of nonionic adjuvant, penetrator or crop oil concentrate to be used with their product. This concentration is typically 0.5% to 1.0% v/v of the final spray mixture. The general use rate of Synergy is 1 to 2 pints per acre. If the pesticide label does not specifically recommend nor prohibit the use of a nonionic adjuvant, penetrator or

crop oil, Synergy may be used at the rates derived from the chart in the label.

Application Notes: Synergy may be used for improved coverage and penetration in applications where a nonionic adjuvant, penetrator or crop oil is not specifically recommended but is not prohibited. In these situations, the applicator or advisor should have experience with the combination or must have conducted a phytotoxicity trial. General use rates on the label are based on pesticide labels which recommend a nonionic adjuvant, penetrator or crop oil concentrate. Rates of this product may be increased or decreased to achieve optimum results. Shake well before use. Always read and follow the pesticide manufacturer's label.

## HERBICIDES

SYNERGY may be used in preemergence no-till, postemergence over-the-top and post-directed applications to enhance coverage and penetration of spray mixtures. Unless otherwise directed by manufacturer of herbicides labeled for postemergence use of products, follow the Rate Selection Chart in the label for application rates. SYNERGY is also recommended for use with non-selective herbicides. For optimum results, actual rates may vary depending on plant size, type of foliage to be covered and other environmental factors. For improved performance of preplant and preemergent herbicides, premix SYNERGY at a 1:1 ratio with the active ingredient of the herbicide. For use of post applied herbicides, Synergy should be used at 1 to 2 pints per acre.

### Method

[Broadcast/Foliar Air](#)

### Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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### Timings

[Preemergence](#)

[Postemergence](#)