

## **PEANUT - 26 FL OZ / ACRE**

### General Information

#### GENERAL INFORMATION

ARTISAN is a peanut fungicide for use on soil-borne and foliar diseases. ARTISAN provides control of early and late leaf spot disease as well as control of white mold (Southern blight) caused by *Sclerotium rolfsii* and limb rot caused by *Rhizoctonia solani*.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THE LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES. UNDER CERTAIN CONDITIONS CONDUCIVE TO EXTENDED INFECTION PERIODS, ADDITIONAL FUNGICIDE APPLICATIONS BEYOND THE NUMBER ALLOWED BY THE LABEL MAY BE NEEDED. UNDER THESE CONDITIONS, USE ANOTHER FUNGICIDE REGISTERED FOR THE CROP/DISEASE APPEARING ON THE LABEL.

#### RESISTANCE MANAGEMENT

The propiconazole component of ARTISAN belongs to the sterol inhibitor class. Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotating and/or tank mixing with products having different modes of action; or limiting the total number of applications per season. Nichino America, Inc. encourages responsible product stewardship to ensure effective long-term control of the fungal diseases on the label.

#### SPRAY EQUIPMENT

Thorough coverage is necessary to provide good disease control. Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control. For ground application equipment, a minimum of 10 gals./A is recommended. For aerial application equipment, a minimum of 5 gals./A is recommended. Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use. Use a pump with the capacity to: (1) maintain a minimum of 35 psi at nozzles, and (2) provide

sufficient agitation in the tank to keep the mixture in suspension - this requires recirculation of 10% of the tank volume per minute. Use a jet agitator or liquid sparge tube for agitation. Use screen to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at nozzles. Check nozzle manufacturers' recommendations. For information on spray equipment and calibration, consult sprayer manufacturers' and state recommendations. For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.

## MIXING PROCEDURES

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Vigorous agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

**ARTISAN Alone:** Add 1/2 of the required amount of water to the mix tank. With the agitator running, add the entire contents in the ARTISAN container to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the ARTISAN has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

**ARTISAN Tank Mixtures:** Add 1/2 of the required amount of water to the mix tank. Start the agitator running before adding any tankmix partners. In general, tankmix partners should be added in this order: products packaged in water-soluble packaging, wettable powders, wettable granules (dry flowables), liquid flowables (such as ARTISAN), liquids and emulsifiable concentrates. Always allow each tank mix partner to become fully dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all the mixture has been applied.

**Note:** When using ARTISAN in tank mixtures, all products in water-soluble packaging should be added to the tank before any other tankmix partner, including ARTISAN. Allow the water-soluble packaging to completely dissolve and the product(s) to

completely disperse before adding any other tankmix partner to the tank. If using in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations appearing on the tankmix product label. No label dosage rate should be exceeded, and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product which prohibits such mixing. Tank mixtures or other applications of products referenced on the label are permitted only in those states in which the referenced products are labeled. ARTISAN is compatible with most insecticide, fungicide, and foliar nutrient products. However, the physical compatibility with tankmix partners should be tested before use. To determine the physical compatibility with other products, use a jar test, as described below: Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

THE CROP SAFETY OF ALL POTENTIAL TANK MIXES INCLUDING ADDITIVES AND OTHER PESTICIDES ON ALL CROPS HAS NOT BEEN TESTED. BEFORE APPLYING ANY TANK MIXTURE NOT SPECIFICALLY RECOMMENDED ON THE LABEL, THE SAFETY TO THE TARGET CROP SHOULD BE CONFIRMED.

#### APPLICATION INSTRUCTIONS

Ground Application: Apply ARTISAN by ground equipment in a minimum of 10 gals of water per acre.

Aerial Application: Apply by fixed-wing aircraft equipment in a minimum of 5 gals of water per acre. Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. Do not apply directly to humans or animals.

Chemigation: ARTISAN may be applied alone or in combination with other products which are registered for application through irrigation systems. Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of performance, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you

should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect an irrigation system used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

## Limitations, Restrictions, and Exceptions

### PEANUTS - ARTISAN Alone

ARTISAN, when used as a foliar application in a preventive disease control program, will provide effective control of white mold (Southern stem rot, *Sclerotium rolfsii*), the limb/pod rot complex (*Rhizoctonia solani*), early leaf spot (*Cercospora arachidicola*) and late leaf spot (*Cercosporidium personatum*)

2 to 3 applications per season

Make first application at approximately 45 to 60 days after planting depending on disease development. Initial application may be prior to or at first sign of disease. Make sequential applications as needed at 21-30 day intervals, depending on severity of disease. An application of a leaf spot fungicide should be made 14 days after the initial application of ARTISAN. A regularly scheduled leaf spot program should both precede and follow the ARTISAN applications.

### USE PRECAUTIONS

Do not apply more than 84 fl oz ARTISAN per acre per season. Do not apply within 40 days of harvest. Do not graze livestock in treated area. Do not feed hay or threshings from treated fields to livestock. Do not allow cattle to graze soybean or cotton forage in peanut fields previously treated.

Do not plant rotational crops other than peanuts, rice, or potatoes for 12 months following the last application of ARTISAN with the following exceptions:

- Leafy vegetables (lettuce, spinach, celery) or small grains (wheat, barley, oats, rye) may be planted 150 days or more following the last application of ARTISAN.
- Corn, soybeans, cotton, or sorghum may be planted 240 days or more following the last application of ARTISAN to peanuts.

## Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Foliar spray](#)

Pre-Harvest Interval

40 days

Rates

[field\\_rates 0](#)

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Timings

[Make first application at approximately 45 to 60 days after planting depending on disease development.](#)