

## **SOYBEAN - ALTERNARIA LEAF SPOT, ETC.**

### General Information

#### PRODUCT INFORMATION

AFFIANCE is a broad-spectrum, preventive fungicide with systemic and curative properties containing 2 active ingredients, tetraconazole and azoxystrobin, for the control of many important plant diseases. Optimal disease control is achieved when AFFIANCE is applied in a regularly scheduled spray program. Preventive applications optimize disease control, which may result in improved plant health and beneficial physiological effects.

#### MODE OF ACTION

AFFIANCE contains 2 active ingredients each providing a different mode of action against plant pathogenic fungi. Tetraconazole is a demethylation inhibitor (DMI) of sterol biosynthesis, which leads to disruption of membrane synthesis and is classified by the Fungicide Resistance Action Committee (FRAC) as a Group 3 target site of action. Azoxystrobin belongs to the group of respiration inhibitors acting at the Quinone outside Inhibitors (QoI) binding site of the cytochrome bc1 complex and is classified by FRAC as a Group 11 target site of action.

#### RESISTANCE MANAGEMENT

AFFIANCE contains tetraconazole, a Group 3 fungicide (sterol biosynthesis inhibitors) and azoxystrobin, a Group 11 fungicide (Qo Inhibitor), and is effective against labeled pathogens resistant to fungicides with modes of action different from those of target site Group 3 and Group 11, such as dicarboximides, benzimidazoles, or phenylamides. Fungal pathogens may develop resistance to products with the same mode of action when repeatedly used. Since resistance development is unpredictable, use of this product should follow resistance management strategies established for the crop and use area. Consult your local or state extension agent(s) for resistance management strategies that are complimentary to the label. To help maintain the performance of AFFIANCE in the field, do not exceed the total number of sequential applications of AFFIANCE and the total number of applications of AFFIANCE per year.

## Limitations, Restrictions, and Exceptions

### When to Apply

Apply prior to disease development when conditions favor disease development.

If necessary repeat with a second application before growth stage R-6.

Curative applications are most effective when disease incidence does not exceed 5% of the soybean plants at time of application.

Apply prior to disease onset when conditions favor disease development.

A second application may be made no fewer than 7 days later as long as the maximum per acre per year rate (17.06 fl oz) is not exceeded.

Curative applications are most effective when disease incidence does not exceed 5% of the plants at time of application.

### Special Use Instructions

Use AFFIANCE as part of an integrated pest management program (IPM).

Apply as a foliar spray or via chemigation in sufficient water to obtain thorough coverage of soybeans.

## RESTRICTIONS AND LIMITATIONS

1. Do not make more than three (3) applications per year.
2. Do not make more than 2 sequential applications before alternating to another fungicide with a different mode of action.
3. Do not apply more than 28.7 fl oz of AFFIANCE per acre per year.
4. Do not apply more than 0.15 lb ai of a tetraconazole-containing product per acre per season.
5. Do not apply more than 1.5 lb ai of an azoxystrobin-containing product per acre per season.
6. Do not graze or feed AFFIANCE-treated forage, silage, or hay to livestock

7. Do not apply AFFIANCE after soybean growth stage R5 (beginning seed).
8. Do not harvest immature soybeans once plants are treated with AFFIANCE.
9. Do not use on soybean varieties grown for their immature pods.
10. For chemigation, apply in 0.1 – 0.25 inches/A of water.
11. Do not apply within 14 days of harvest (14-day PHI).

#### Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

#### Pre-Harvest Interval

14 days

#### Rates

[field\\_rates 0](#)

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#### Restricted Entry Interval

12 hours

#### Timings

[Prior to disease onset when conditions favor disease development.](#)