



AMISTAR® 250SC is the first in-furrow treatment available for the control of Black scurf (*Rhizoctonia*) and suppression of *Silver scurf*.

Unique soil activity

AMISTAR 250SC contains 250 g/L Azoxystrobin and is a member of the strobilurin fungicide group, derived from a naturally-occurring, wood-decaying mushroom.

Azoxystrobin remains active in the soil without rapidly breaking down or leaching. It is the only fungicide from the strobilurin group that will be registered to be used as a soil in-furrow application for the control of seed and soil borne diseases.

Amistar 250SC in-furrow

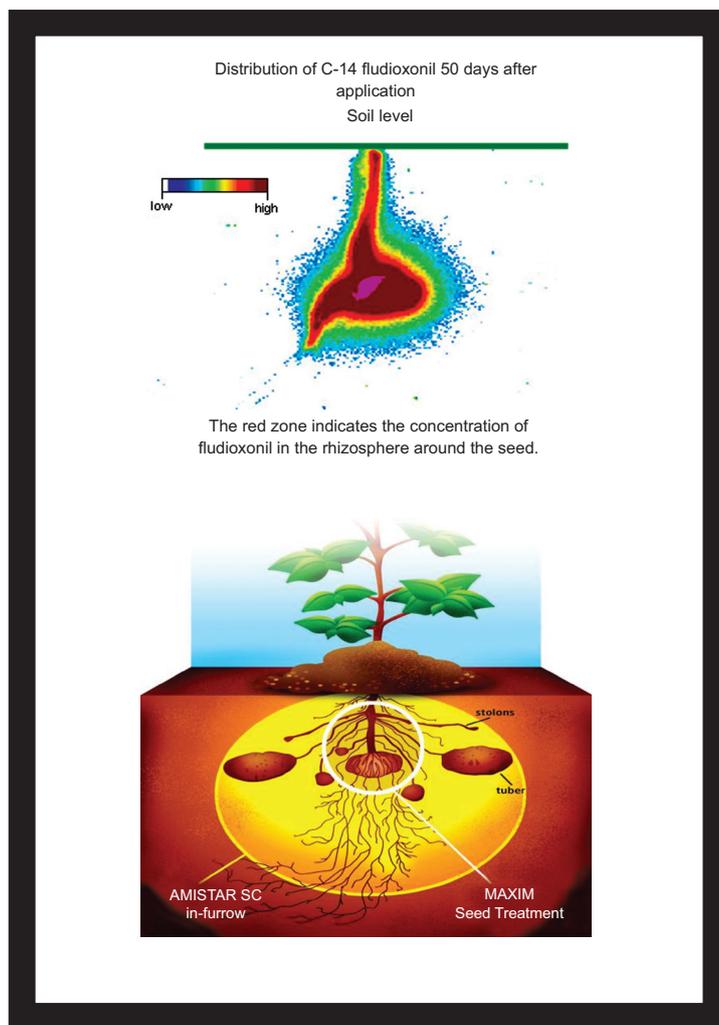
AMISTAR 250SC is a systemic fungicide (Group 11). When applied as an in-furrow treatment that is evenly incorporated into the soil mound, AMISTAR 250SC provides long lasting protection within this treated zone.

Azoxystrobin controls soil-borne pathogens before they can infect stolons, roots, shoots and developing daughter tubers. Some Azoxystrobin is also absorbed by the developing plant to give a level of protection from inside the plant tissue.

Maxim seed treatment

MAXIM is a very persistent contact fungicide (Group 12) that provides excellent residual control of seed-borne diseases such as Black scurf, Silver scurf, and suppression of Common scab.

When applied as a seed treatment, the active ingredient (Fludioxonil) binds to the outer layer of the seed piece and exhibits a “halo” effect in the soil, suppressing pathogens in the soil around the treated seed piece (rhizosphere). In the absence of light, the active ingredient is very persistent and provides excellent long lasting protection.



Combination seed and soil-borne protection

Used in combination, MAXIM seed treatment and AMISTAR 250SC in-furrow deliver the most comprehensive control of seed and soil borne fungal diseases currently available. By providing immediate and lasting protection against fungal disease in stolons, roots, stems and tubers, this program can enhance the evenness of emergence, tuber size, clean skin finish, processing quality, visual appearance and marketable yields. Providing a clean start for a quality finish.

AMISTAR In-furrow application

AMISTAR 250SC is applied to the soil furrow to provide protection from important soil-borne diseases.

Through Syngenta's excellence in in-furrow application, specific nozzles have been developed specifically to apply AMISTAR (see below).

Syngenta best practice recommends two nozzles be used to apply AMISTAR (above right).

One nozzle is positioned at the front of the planter, immediately behind the boot as the furrow is being opened. This 20° nozzle applies a thin band of AMISTAR to the bottom of the furrow before the seed piece is placed in the furrow, in contact with the treated soil.

The second nozzle is positioned at the rear of the planter to apply a 70° spray band to the "bow wave" of soil being hilled over the row to cover the seed piece. Correct positioning of the nozzle should achieve an even mix of AMISTAR through the hill, giving excellent protection of stolons, roots, shoots and developing daughter tubers

Syngenta AMISTAR In-Furrow Nozzle Set



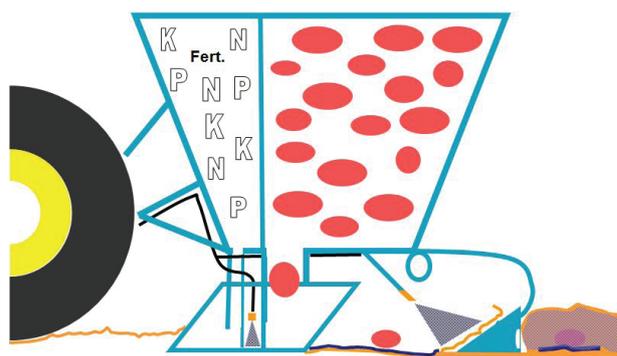
Hollow cone

: AZ IF 20-124 is a 20° spray angle (front)

: AZ IF 70-124 is a 70° spray angle (rear)

APPLICATION CHART

Pressure		Flow (L/min)
Bar	PSI	
1	14.5	0.286
2	29	0.405
3	43.5	0.496
4	58	0.573
5	72.5	0.641



AMISTAR In-furrow rates and calibration

Rate: 5-10mL AMISTAR 250SC per 100m of row

Rate per hectare – working example:

Planter row spacings: 0.90m

Number of rows per hectare: $100\text{m} \div 0.90\text{m} = 111$

Chosen AMISTAR rate: 10 mL/100 m of row

Therefore, rate per hectare: $10 \text{ mL} \times 111 = 1.11\text{L per hectare}$

Water rates may vary between 70-120L/Ha. Be mindful the volume of water does not wash seed-piece treatments from the seed, such as MAXIM 100FS.

For further information please call the Syngenta Technical Product Advice Line on 1800 067 108 or visit our website at www.syngenta.com.au

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