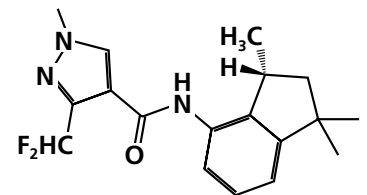


AVAILABLE EARLY 2024



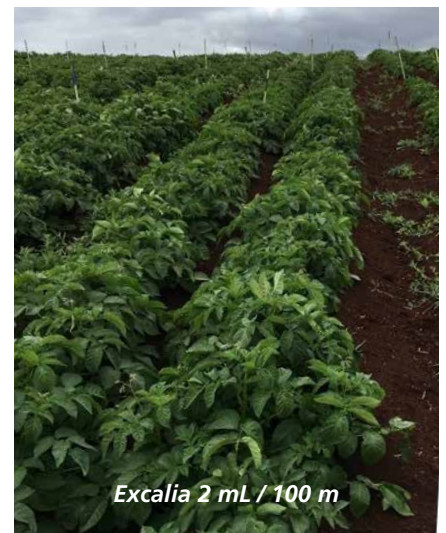
## THE NEW STANDARD FOR DISEASE CONTROL IN POTATOES AND BANANAS IS COMING

- Exciting new fungicide chemistry from Sumitomo Chemical Japan
- Best in class activity against *Rhizoctonia solani* (Black scurf) in Potatoes
- Best in class protection against Yellow sigatoka in Bananas
- ISO chemical name: Inpyrfluxam
- Active ingredient proprietary name: INDIFLIN<sup>®</sup>
- Mode of Action: SDHI (FRAC Group 7)
- 400 SC (suspension concentrate) formulation for excellent compatibility and usability



### *Rhizoctonia solani* (Black scurf) in Potatoes

Inpyrfluxam (Indiflin) the active ingredient in Excalia offers the highest level of activity available against rhizoctonia species and in Australian trials it has demonstrated the highest level of protection against Soil borne *Rhizoctonia solani* in potatoes when compared to current market standards.



PHOTOS: 58 days after treatment and planting. Evaluation of Excalia for control of *Rhizoctonia solani* AG3 in potatoes cv. Russett Burbank, Forth, Tasmania, 2019-20.

## Yellow sigatoka in Bananas

Excalia takes protection against Yellow sigatoka in bananas to a new level, trials in north Queensland have shown Excalia outperforms all current market standards when managing Yellow Sigatoka in a multi-spray program.

- Registered for air and ground application in bananas.
- Rainfast in 2 hours.

*Photo shows an untreated banana leaf with significant Yellow sigatoka infection. Excalia offers best in class protection against Yellow sigatoka.*



## Directions for use

Crop	Disease	Rate	Critical Comments
Potatoes	Soil borne <i>Rhizoctonia solani</i>	2 mL/100 m row	Apply as an in-furrow spray at planting. Preferably use more than one spray nozzle to direct the spray in a 15-20 cm band on to the seed pieces and surrounding soil as they fall into the planting furrow. Apply in 1-3 L of water/100 m row – being careful not to wash previously applied seed treatments from the seed. To reduce the potential for seed piece breakdown, avoid applying in conditions of very high soil temperature or moisture as the addition of moisture to the seed may increase the problem.
Bananas	Yellow sigatoka	185 mL/ha plus a high quality water miscible mineral crop oil at 3-5 L/ha	EXCALIA should be applied as part of a regular program of fungicide sprays, alternating with fungicides from different mode of action groups. Intervals between fungicide applications generally should be 14-21 days. Use shorter intervals under conditions of high disease pressure, wet weather, and high leaf emergence rate. De-leafing in accordance with industry guidelines to remove old and diseased leaves should continue along with fungicide use to reduce inoculum. EXCALIA should be used with a high quality miscible mineral crop oil at 3-5 L/ha. Use a higher oil rate with higher disease pressure. <b>Apply a maximum of 3 applications of EXCALIA to any banana block in a 12 month period.</b> EXCALIA should be diluted with sufficient water to ensure thorough coverage of all leaf surfaces. Use a minimum of 20 L/ha when applied by air.

## Application recommendations

### In-furrow application to Potatoes

In potatoes Excalia Fungicide is applied as an in-furrow application at planting. Mount the spray nozzle so the spray is directed into the furrow at the seed as a 15-20 cm band to ensure seed is contacted just prior to being covered by soil. Alternatively use a 2-nozzle system per row spraying the furrow prior to seed drop and after it has dropped just prior to covering. To reduce the potential for seed piece breakdown, strictly follow label instructions regarding water volume and follow industry recommended seed piece handling and planting practices.

### Aerial application to Bananas

Apply Excalia Fungicide in at least 20 L of spray mixture per hectare for aerial application. Use suitable application parameters (nozzles, pressure, speed, etc.) to deliver only a MEDIUM spray droplet size classification according to ASABE S572 definition for standard nozzles.

For further information on **Excalia** fungicide, please contact:

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