Crop(s) **Banana**

Disease(s) **Yellow Sigatoka**

Resistance management strategy for:

Group 3	Demethylation Inhibitors (DMI);
Group 7	Succinate dehydrogenase inhibitors (SDHI);
Group 7 + 3	SDHI + DMI;
Group 9	Anilinopyrimidine (AP); and
Group 11	Quinone outside Inhibitor (QoI).
Group 21	Quinone inside Inhibitor (QiI)

Guidelines

Far North Queensland

1. De-leafing must be conducted in accordance with industry guidelines.
2. Apply a regular schedule of protectant sprays.
3. When disease potential is high, apply a maximum of two consecutive **Group 3** sprays before changing to a fungicide of a different activity group.
4. **Do not** apply more than six **Group 3** sprays in any 12-month period. **Do not** apply any **Group 3** sprays in the months of June to September.
5. **Do not** apply more than two **Group 11** sprays in any 12-month period. **Do not** apply **Group 11** sprays in the months of May to September.
6. **Do not** apply more than four **Group 7** sprays in any 12-month period. **Do not** apply **Group 7** sprays in the months of June to September.
7. **Do not** apply more than three **Group 21** sprays in any 12-month period. Exposure **to Group 21** fungicides should not exceed 33 per cent of the total protection for the crop. After one **Group 21** application, change to a fungicide of a different activity group. The next fungicide should preferably have curative activity and a different mode of action.
8. **Group 7** or **11** fungicides should be applied in mixture with another fungicide from a different activity Group registered for the control of Yellow Sigatoka at the full registered rate.

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9. **Do not** apply consecutive sprays of **Group 7**, **11** or **21** fungicides.
10. Apply a minimum of two sprays from a different activity group between sprays of a **Group 7** or **11** fungicide.
11. **Do not** apply more than six **Group 9** sprays in any 12-month period.
12. **Do not** apply more than two consecutive sprays of a **Group 9** fungicide before changing to a fungicide of a different activity group. When using consecutive applications of **Group 9** fungicides, follow with at least as many different activity group fungicides before resuming with a **Group 9** fungicide.

Group	Max. number of applications per year	Max. number of consecutive sprays	Restricted (no spray) periods
3	6 (& no more than 2 of 3 sprays)	2	June to September inclusive
7	4 (& no more than 1 of 3 sprays)	Not allowed	June to September inclusive
9	6 (& no more than 2 of 4 sprays)	2	No restriction
11	2 (& no more than 1 of 3 sprays)	Not allowed	May to September inclusive
21	3 (& no more than 1 of 3 sprays)	Not allowed	No restriction

Everywhere except far North Queensland

1. When using **Group 3** fungicides, apply a maximum of two consecutive **Group 3** sprays before changing to a fungicide of a different activity group.
2. **Do not** apply more than six **Group 3** sprays in any 12-month period.
3. **Do not** apply more than four **Group 7** or **11** sprays in any 12-month period.
4. **Do not** apply consecutive sprays of **Group 7**, **11** or **21** fungicides.
5. Apply a minimum of two sprays from a different activity group between sprays of a **Group 7** or **11** fungicide.
6. **Do not** apply more than six **Group 9** sprays in any 12-month period.

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7. **Do not** apply more than two consecutive sprays of **Group 9** fungicides before changing to a fungicide of a different activity group. When using consecutive applications of **Group 9** fungicides, follow with at least as many different activity group fungicides before resuming with a **Group 9** fungicide.
8. **Do not** apply more than three **Group 21** sprays in any 12-month period. Exposure **to Group 21** fungicides should not exceed 33 per cent of the total protection for the crop. After one **Group 21** application, change to a fungicide of a different activity group. The next fungicide should preferably have curative activity.

Group	**Max. number of applications per year**	**Max. number of consecutive sprays**	**Restricted (no spray) periods**
3	6 (& no more than 2 of 3 sprays)	2	No restriction
7	4 (& no more than 1 of 3 sprays)	Not allowed	No restriction
9	6 (& no more than 2 of 4 sprays)	2	No restriction
11	4 (& no more than 1 of 3 sprays)	Not allowed	No restriction
21	3 (& no more than 1 of 3 sprays)	Not allowed	No restriction