

Summary of FRAC guidelines for Banana

Updated during the FRAC working group meeting (Miami, Florida, USA, 4-5 Feb, 2014)

Chemical class	Solo or mixtures	Alternation or blocks	Maximum number of applications	Spray timing
Demethylation inhibitors (DMI)	Only in mixtures	Only in full alternation	8 not more than 50% of total number of sprays	*
Amine fungicides	Both, mixtures preferred	Block of maximum 2 consecutive sprays, full alternation preferred	15 not more than 50% of total number of sprays	No restrictions within manufacturer's labels
Qo inhibitors (QoI)	Only in mixtures	Only in full alternation	3 not more than 33% of total number of sprays	**
Anilinopyrimidines (AP)	Only in mixtures	Only in full alternation	8 not more than 50% of total number of sprays	No restrictions within manufacturer's labels
Benzimidazoles (BCM)	Only in mixtures	Only in full alternation	3 not more than 33% of total number of sprays	**
N-Phenylcarbamates	Only in mixtures	Only in full alternation	3 not more than 33% of total number of sprays	**
SDHI fungicides	Only in mixtures	Only in full alternation	3 not more than 33% of total number of sprays	**
Guanidines	only in mixtures	Only in full alternation	6 not more than 33% of total number of sprays	***
Multi sites	Solo or mixtures	No restriction within manufacturer's labels	No limits within manufacturer's labels	No restrictions within manufacturer's labels

* Applications starting preferably at onset of annual disease progression curve

** Preferably at lower disease pressure; sprays must be separated by at least 3 months

*** Preferably at lower disease pressure; sprays must be separated by at least 6 weeks