

Product		MatchPoint®	Ference ¹	Tetrino ⁴	Provaunt WDG ^{1,2}	Acelepryn ^{1,3}	Suprado ⁵
Manufacturer		Corteva Agriscience	Syngenta	Boyer	Syngenta	Syngenta	Quali-Pro
Formulation		WDG	SC	SC	WDG	SC	SC
Active Ingredient		Spinosad	Cytraniliprole	Tetraniliprole	Indoxocarb	Chlorantraniliprole	Novoluron
IRAC Group	5	x					
	15						x
	22				x		
	28		x	x		x	
Sub-Group		Spinosyns	Diamides	Diamides	Oxodiazine	Diamides	Benzoylureos
Mode of Action		Nicotinic acetylcholine receptor allosteric activator - Site 1	Ryanodine receptor modulator	Ryanodine receptor modulator	Voltage-dependent sodium channel blockers	Ryanodine receptor modulator	Chitin synthesis inhibitor
Characteristics of Larvicide	Contact Activity	x		x			x
	Ingestion Activity	x	x	x	x	x	x
	Systemic Activity		x	x		x	
	Translaminar Activity	x	x	x			x
Characteristics of Treated ABW		Stops feeding immediately with death occurring hours to days later	Stops larvae turf-feeding damage within minutes after ingestion; larvae die within hours to days, depending on insect life stage and species	Tetrino is shown to cause immediate cessation of insect feeding following exposure	Stops feeding within minutes, rapidly reducing feeding damage. Once feeding stops, mortality typically occurs within 48 hours	Stops larvae turf-feeding damage within minutes after ingestion; larvae die within hours to days, depending on insect life stage and species	Suprado should not be expected to provide a rapid, knock-down effect. IGRs such as Suprado do not kill immature susceptible insects until the next time they molt. Due to this, it may be necessary to wait several days or weeks to accurately evaluate Suprado's efficacy, depending on target species life cycle and growth stages present.
Rate/Acre		16-18 oz.	12-20 fl. oz.	16-32 fl. oz.	18 oz.	12-20 fl. oz.	96-128 fl. oz.
Max Use Rate/Year		≤ 6 apps/yr.	32 fl. oz.	64 fl. oz.	36 oz.	38.3 fl. oz.	294.4 fl. oz.
Signal Word		Caution	None	Caution	Caution	None	Caution
Larval Stages Controlled (Instars)	1 to 3	x	x	x		x	x
	4 to 5	x	x	x	x		x
Water Recommendations	Amount	0.10" - 0.15"	N/A	0.25" - 0.5"	0.05" - 0.10"	N/A	0.10"
	Timing	w/in 24 hrs.	N/A	w/in 24 hrs.	Immediately	N/A	Immediately
PPE		Long sleeve shirt, long pants, shoes plus socks, gloves	Long sleeve shirt, long pants, shoes plus socks	Long sleeve shirt, long pants, shoes plus socks, chemical resistant gloves	Long sleeve shirt, long pants, shoes plus socks, waterproof gloves	Long sleeve shirt, long pants, shoes plus socks	Long sleeve shirt, long pants, shoes plus socks
Recommended Water pH		6 to 9	Up to 9	N/A	Stable under a wide range of pH conditions	Buffered across a very wide pH range	N/A
Packaging		4 lb. container	96 fl. oz. container	1 gal. container	72 oz. bottle	64 fl. oz. bottle	1 gal. container
Case Size		4 x 4 lb.	2 x 96 fl. oz.	4 x 1 gal.	4 x 72 oz.	4 x 64 fl. oz.	2 x 1 gal.
Mobility (Koc)		500-2000	241	195-252	avg. 4500	115-543	N/A

Koc value: Describes the tendency of a pesticide to bind to soil particles. The higher the Koc, the greater the sorption potential meaning it does not move in the soil.

