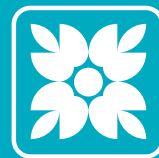


Best choice for flexible crop protection



- Highly concentrated formulation
- Proven, reliable broad spectrum insect control
- Long lasting effect combined with low application rates and good plant compatibility
- Adaptable application timing
- Excellent root-systemic properties
- Activates plant's own defense systems

Tanrek 500

Insecticide

Imidacloprid, 500 g/l



We grow well. Together

avgust 
crop protection

Tanrek 500 - Best choice for flexible crop protection

Tanrek 500 is the proven, accepted solution used by growers to ensure financial returns and crop profitability. It provides economical, broad-spectrum control of many important insects in a variety of fruits, vegetables and arable crops.

Tanrek 500 contains Imidacloprid, one of the world's bestselling insecticides. It is a systemic compound belonging to the chemical class of neonicotinoids and is valued for its powerful insect control.

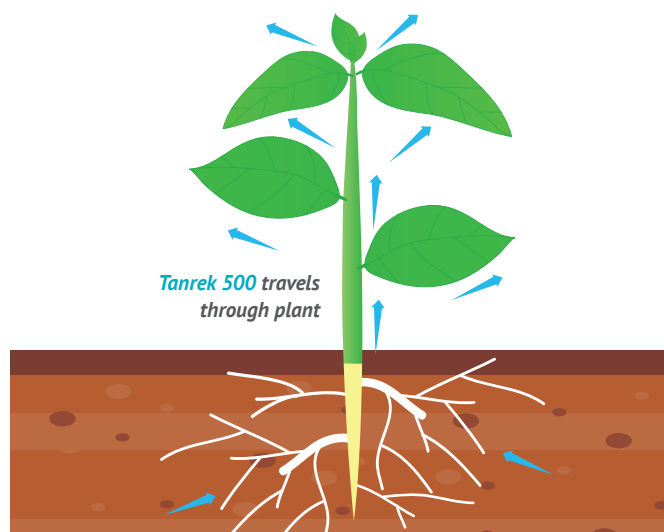
MECHANISM OF ACTION

Antagonist to the nicotinic acetyl choline receptor in the central nervous system, Imidacloprid disturbs the proper signal transmission system leading to excitation of nerve cell and consequently a disorder of the nervous system leading finally to the death of the treated insect. Tanrek 500 acts much more specifically on insect receptors than those of mammals. Due to its selective insect toxicity Tanrek 500 offers very favorable applicator and consumer safety.

Tanrek 500 exhibits strong upwards systemicity in plants combined with low application rates, long-lasting efficacy and offers the flexibility of foliar, soil and stem application.

Excellent systemic activity means Tanrek 500 can be taken up by the green parts of plants as well as by the root system and can travel within the plant with the sap flow. During the feeding process, insects withdraw and ingest lethal concentrations of the systemic insecticide's active ingredient and are subsequently killed.

When used as a soil drench, Tanrek 500 is suitable for IPM (Integrated Pest Management). Predators and parasitoids are not directly harmed by soil application and their function is not detrimentally influenced.



Consistently delivering outstanding control of many sucking and chewing pests, Tanrek 500 was developed for today's farming operations.

The improved, highly concentrated formulation is easy to mix, use and apply.

Imidacloprid is a proven performer. In addition to its excellent efficacy in the control of many problematic insect pests, this compound has also been reported to enhance plant vigor and (a)biotic stress tolerance, independent of its insecticidal function.

The main metabolite of Imidacloprid - 6-Chloronicotinic acid (6-CNA) is a systemic plant-resistance inducer and has been suggested to be responsible for the physiological plant changes as it is known to induce a plant's own defenses against plant disease.

CROPS	RATE - l/Ha	PESTS CONTROLLED	TIMING	REMARKS
Potatoes	0.15 - 0.3	Aphids, Vegetable leafminer (<i>Liriomyza</i> spp.), Tomato leafminer (<i>Tuta absoluta</i>)	Spray during vegetative growth	See respective label for details and limitations
Tomatoes	0.3 - 0.4	Whitefly, Tomato leafminer (<i>Tuta absoluta</i>)		
Rice	0.1 - 0.15	Leafhoppers		
Cotton	0.1 - 0.2	Aphids, Whitefly, Thrips		
Rose	0.15 - 0.2	Aphids, Thrips		
Maize	0.2 - 0.3	Fall armyworm (suppression), Cotton bollworm, Corn earworm, Stem borer, leafhopper (<i>Cicadulina mbila</i>)		
Cacao	0.05 - 0.06	Pod borer, mealybug, mirids		
Wheat	0.07 - 0.1	Aphids, Leaf chafers, Thrips, Sawflies	Spray seedbed before sowing	
Tobacco (field)	50-100 ml/ 100 l of water	Aphids		
Tobacco (seedbed)	50 ml/ 100 l of water	Aphids		

APPLICATION VOLUME: 200–400 litres of spray volume/ha; Tomatoes/Rose – 1000 litres of spray volume/ha

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