

Herbicide + Insecticide & Fertiliser 15:1:17







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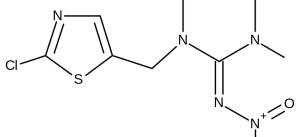


Turf Nutrition

Season Long Grass Weed, Creeping Oxalis, Scarab and Billbug Control

Oxadiazon





Thiamethoxam









ProForce Echelon Duo Advanced Herbicide + Insecticide & Fertiliser 15:1:17 Key Benefits

- All in one solution. Pre-emergent herbicide, residual insecticide and turf fertiliser in one pass. Saves application time and associated costs.
- Season long prevention for a range of weeds and insects. Protection for 90 days.
- The Pre-emergent herbicide, Oxadiazon is a shoot absorbed pre-emergent herbicide, having the least amount of impact on the root system.
- The Residual Insecticide Thiamethoxam provides improved bioavailability in soil at lower soil
 moisture levels ensuring better movement and coverage as well as quicker performance over
 several other residual products.
- Convenient and easy to apply through granular fertiliser spreaders.
- Safer to handle and apply due to the low active ingredient concentrations.
- Promotes a healthy turf response which increases competition from weeds and recovery from insect attack.
- Available in both 5kg and 20kg pack sizes.



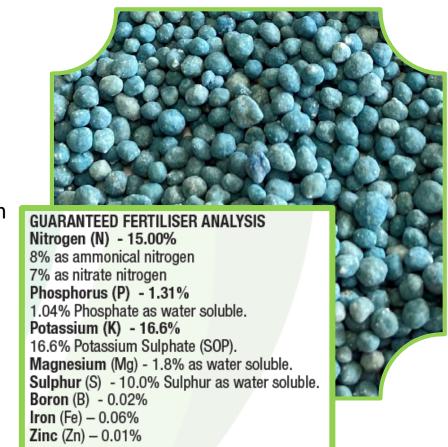


(ProForce Echelon Duo Advanced Herbicide + Insecticide & Fertiliser 15:1:17



Compound Fertiliser Technology

- 300SGN (3mm) dust free, homogenous granular fertiliser.
- Uniform nutrient distribution resulting in sustained turf growth for a 4-8 week period.
- The fertiliser granule has a balanced Nitrogen (15%) to Potassium (17%) fertiliser ratio.
- Also contains Phosphorus (1.6%) and a range of trace elements including Magnesium (1.8%), Sulphur (10%), Boron (0.02%), Iron (0.06%) and Zinc (0.01%).





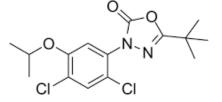
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Oxadiazon

- Oxadiazon is a pre-emergent herbicide.
- Offers excellent residual performance on key turf weeds in all turf situations.
- Oxadiazon has a unique mode of action (Group G) involving shoot absorption rather than root uptake.
- It interrupts chlorophyll production (a key component of photosynthesis) in the susceptible weed, destroying the new leaves of weed seedlings germinating in the treated soil.
- As chlorophyll is only in plant leaves, oxadiazon herbicide cannot impact on the root system of the desirable turf species.











Echelon Duo Advanced Thiamethoxam

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Thiamethoxam is a systemic insecticide.

 Thiamethoxam is readily taken up by the foliage and roots and further distributed acropetally (upwards in the plant).

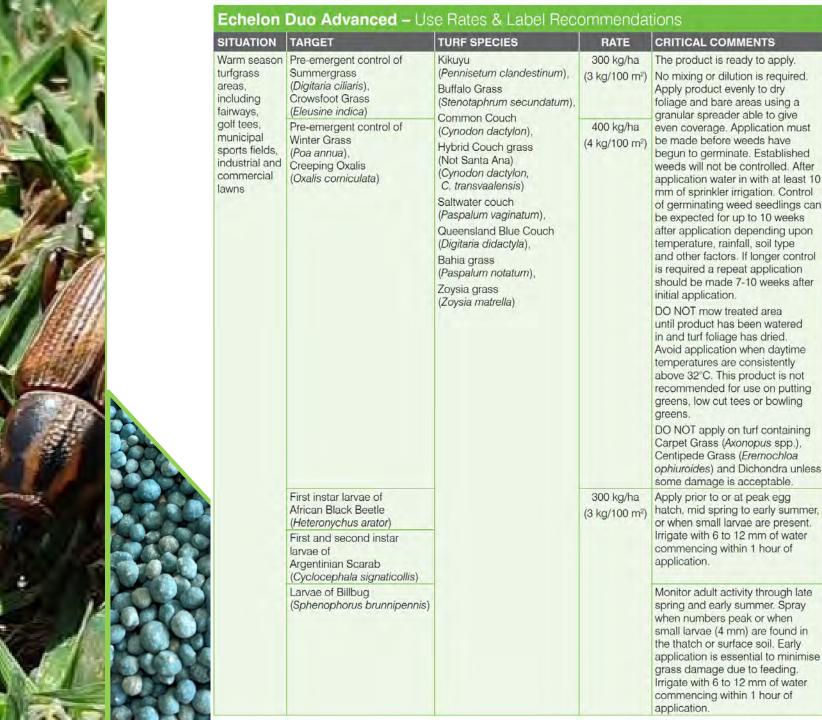
Target insects can be controlled by contact action in the soil or via stomach action by ingestion of the active ingredient when feeding on the treated plant material.

Thiamethoxam works by blocking nicotinic acetylcholine receptors, preventing acetylcholine from transmitting impulses between nerves, resulting in the target insect's paralysis and eventual death.

Upon ingestion, the target insect stops feeding quickly, limiting further plant attack.









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Use Rates and Label Recommendations









Spreader Settings

Suggested Spreader Settings

The suggested spreader settings are not intended to replace calibration.

Calibrate your spreader before applying product.

Spreader	Ground Speed	Width of coverage	Spreader Settings	
			300 kg/ha	400 kg/ha
Scotts AccuPro 2000, SR-2000 (cone 4)	4.8 km/hr	4.0 m	O 1/2	Q
Scotts R-8, R-8A (cone 4)	4.8 km/hr	4.0 m	0	P 1/2
Spyker 288 Super	4.8 km/hr	3.0 m	3.9	4.2
Vicon (03 Series - Standard Spout)	7.3 km/hr	11.0 m	37	44









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Echelon Duo Advanced Maximising Performance

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Avoid application when the turf foliage is wet. Apply to a dry leaf to reduce potential of plant damage.

Do not use on putting greens, low cut tees or bowling greens.

Avoid application to newly seeded turf areas. The pre-emergent may impact on seed germination.

Avoid application to fairways / turf surfaces adjacent to natural water bodies.

Avoid application if heavy rains or storms are forecast within 3 days.

Apply using a properly calibrated granular applicator which will apply the granules in a uniform pattern. Uniform application is essential for satisfactory weed control. Spreader settings for Scott's Accupro, Scott's R8A, Spyker and Vicon are outlined on the label. As each individual spreader varies, therefore use these settings as a guide only.

Ensure turf area is free of leaves and other debris, mowing if necessary so that the granules reach the soil surface. Delay reseeding of Ryegrass or Bentgrass into treated areas for 4-5 months (Ryegrass 4 months & Bentgrass 5 months).

Avoid mowing treated area until product has been watered in and turf foliage has dried.

After application water in with at least 10 mm of sprinkler irrigation. Control of germinating weed seedlings can be expected for up to 10 weeks after application depending upon temperature, rainfall, soil type and other factors. If longer control is required a repeat application should be made 7-10 weeks after initial application.

Avoid application when daytime temperatures are consistently above 32°C.

Do not apply on turf containing Carpet Grass (*Axonopus* spp.), Centipede Grass (*Eremochloa ophiuroides*) and Dichondra unless some damage is acceptable.





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Echelon Duo Advanced Packaging

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Available in 5kg and 20kg Packaging.





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THANK YOU

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