



Nominee
HERBICIDE

FOR

POA FREE

GREENS



2x

**GREATER
REDUCTION
IN POA**

compared to
competition

80%

**REDUCTION
MAINTAINED
AFTER
8 WEEKS**

- Effective removal of *Poa annua*
- Gradual transition to maintain playability

 **SUMITOMO CHEMICAL**

Creative Pest Solutions

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Nominee HERBICIDE



Nominee is a post-emergent herbicide registered for the control and suppression of wintergrass (*Poa annua*) in creeping bentgrass, tall fescue and perennial ryegrass.

How does Nominee work?

Nominee is a Group B herbicide which works by inhibiting synthesis of the enzyme acetolactase (ALS), which plants require to produce amino acids essential for normal growth and development.

Selectivity is achieved through differences in physiological responses to the herbicide by different species. Different species vary in how the herbicide is translocated through the plant and their ability to metabolise the herbicide. For example, creeping bent grass retains more of the herbicide in the leaves whereas *Poa annua* will translocate more of the herbicide to the crown (Lycan and Hart 2006). Additionally, creeping bentgrass, tall fescue and perennial ryegrass metabolise (breakdown) the herbicide significantly faster than *Poa annua*.

Ref: Lycan, D. W. and Hart S. E. 2006. Foliar and root absorption and translocation of Bispyribac-Sodium in four cool season turfgrass species. Weed Technol, 20:1015-1022

How to use Nominee

Gradual transition - Nominee should be used in a program of multiple applications at regular intervals, in order to gradually transition *Poa annua* out of the desired turf species. On greens, the gradual transition allows bentgrass to grow and compete against the desiccating *Poa annua* population, ensuring a constant putting surface is maintained.

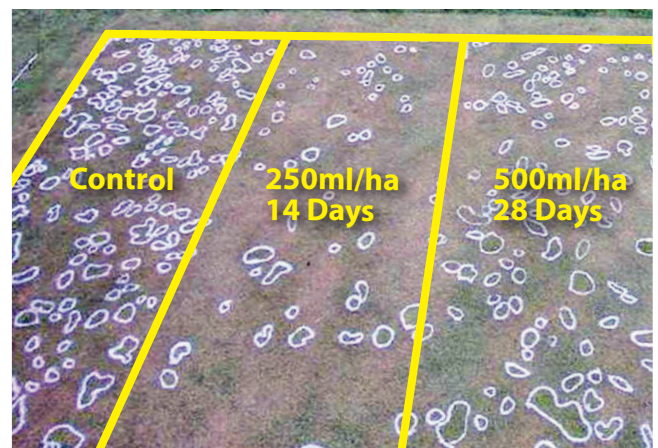


Figure 1:

Suggested Programs

Slow conversion to creeping bentgrass

Apply spring through summer (when creeping bentgrass is actively growing): apply Nominee twice on a 7-14 day interval at 250ml/ha or twice on a 7-21 day interval at 500ml/ha. Lower doses more frequently tends to deliver better results.

Figure 1: The white circles highlight areas of *Poa annua*.

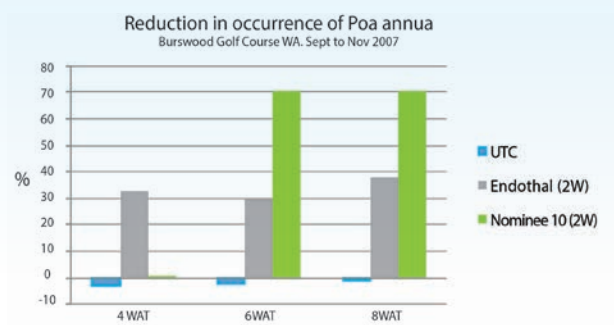
Strip 1: Control. **Strip 2:** Low dose (250 ml/ha); 2 applications, 14 days apart. **Strip 3:** High dose (500 ml/ha); 2 applications, 28 days apart

Rapid conversion to creeping bentgrass

Apply spring through summer, when bentgrass is actively growing. Apply Nominee twice on a 14-21 day interval at 750mL to 1L/ha. (See precautions on opposite page).

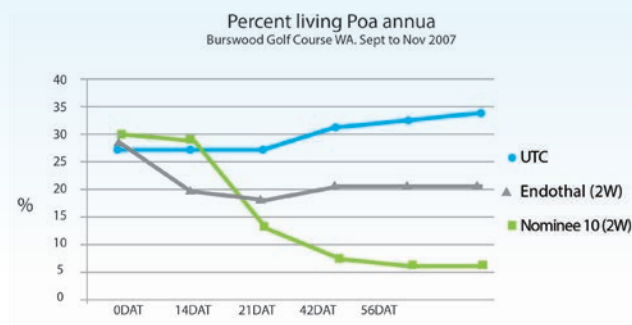
The following trials demonstrate the excellent performance of Nominee when applied at a rate of 1L/ha, 2 applications, 2 weeks apart.

Figure 2: Nominee delivered 2x greater reduction in Poa, compared to competition



Field trial conducted by Sports Turf Technology, WA

Figure 3: Nominee controlled Poa and maintained 80% reduction in Poa, 8 weeks after treatment.



Field trial conducted by Michael Robinson, Sportsturf Consultants

How to maximise performance

- **Spray Coverage** – Nominee is absorbed through the foliage and therefore even coverage is critical. Apply Nominee in a minimum of 250L/ha. Do not apply with flood jet/streaming nozzles. The use of a spray indicator is advised.
- **Turf Health** – Always apply Nominee to healthy turf. The herbicide selectivity is only achieved when the desired grass species is healthy. Any environmental or other stress factors which inhibit creeping bentgrass growth will limit control.
- **Environmental Conditions** – Nominee will perform optimally under sunny conditions when maximum daytime temperatures are between 20-30 degrees Celsius, during and after application (of particular relevance in spring). It is best to avoid application if rain is expected within 12 hours after application.
- **Mowing Height** - Turf should not be mowed for at least 12 hours after application.
- **Turf Tolerance** – Treated turf may exhibit temporary yellowing and mild growth regulation. These symptoms generally appear 7-14 days after application and tolerant turf species usually outgrow these symptoms in 1-6 weeks.

- **Overseeding** – Nominee fits well within an overseeding program. Overseeding can commence 10 days after the last Nominee application. Nominee should not be applied for at least 42 days after seeding creeping bentgrass.

Precautions

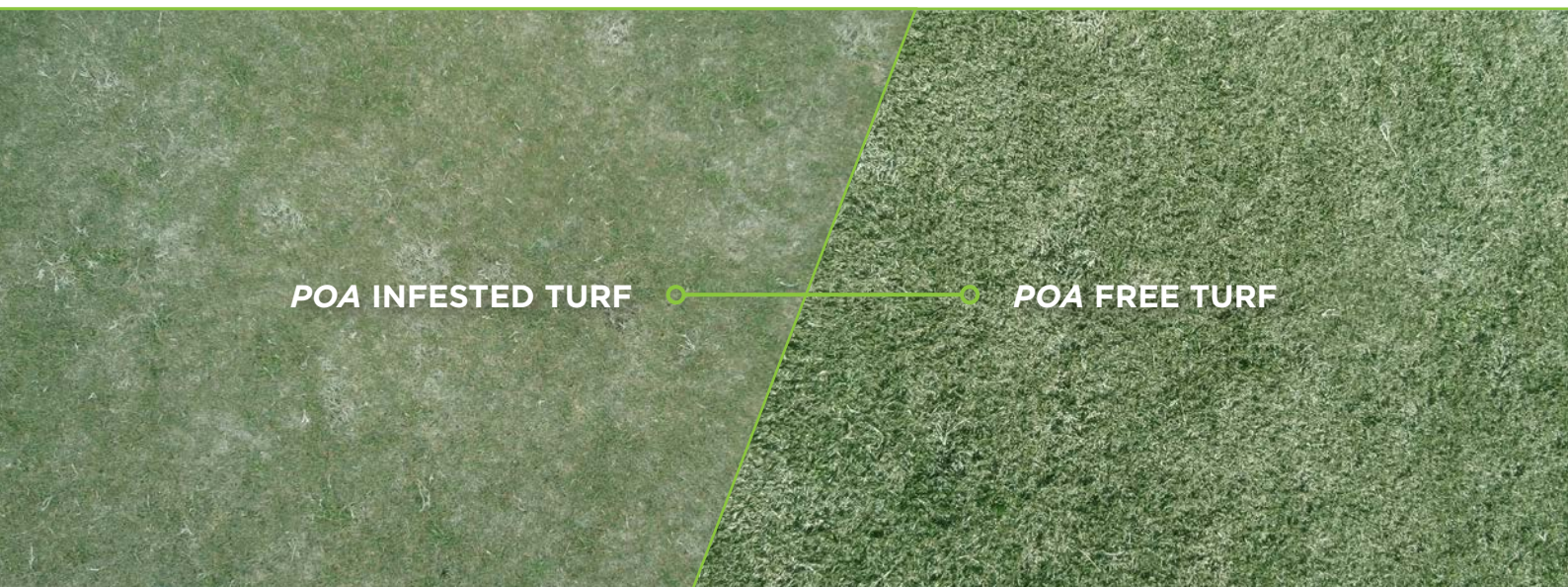
Always apply Nominee herbicide to healthy turfgrass. Any environmental (i.e. temperature, drought, etc) or other stress factors (i.e. herbicide injury, fertiliser injury or nutrient deficiencies, etc), which decrease plant metabolism and growth may reduce weed control. Avoid applications of Nominee in heavy traffic areas and/or heavily shaded areas.

Temporary discoloration to creeping bentgrass is likely with aggressive application rates of Nominee herbicide. This occurrence generally begins 4 to 10 days after application. Vigorous creeping bentgrass will generally outgrow this condition within 14 days.

Always read and understand the label.



Thanks to Nominee Herbicide, golf course superintendents no longer have to tolerate wintergrass (*Poa annua*). Nominee can gradually eliminate *Poa annua* from creeping bentgrass, tall fescue and perennial ryegrass. Nominee is the best way to “clean up” *Poa*-infested turf.



Key benefits of using Nominee

- Allows flexibility to remove *Poa annua* at your own pace
- Used in a program of multiple applications, Nominee can gradually transition *Poa annua* from your desired turf species
- Results are predictable
- Greater control of *Poa annua* than endothal
- Can be used on creeping bentgrass greens and other situations including sports fields (perennial ryegrass and tall fescue)

Nominee at a glance

Use	For control of <i>Poa annua</i> (in greens)
Active Ingredient	Bispyribac-Sodium
Mode of Action	Group B (ALS Inhibitor)
Formulation	Suspension concentrate
Pack Size	500ml
Rate	250ml - 1.0L/ha (2.5 - 10ml/100m ²)
Application timing	Spring and summer

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