

Jewel

The first weed and moss

Jewel

by name
dual by nature

dual activity

controls weeds and moss

dual action

contact and systemic

dual actives

carfentrazone and mecoprop-p

Selective post emergence herbicide

For managed amenity turf and amenity grassland

Gives complete weed kill, right down to the roots

Developed in extensive trials programme

Jewel is the first weed and mosskiller on the market. Two powerful herbicides combine to make this product unique. Jewel has a **post emergence contact** activity with Carfentrazone-ethyl and a **systemic** activity with Mecoprop-P.

It can be used on all turf grass species.

Carfentrazone

This active ingredient is a selective broadleaf herbicide yet unlike many other broadleaf herbicides it is not a phenoxy, rather, it is in the triazolinone herbicide family. In addition it has activity against moss.

Symptoms occur on weed plants a few days after application as brown-necrotic spots. These rapidly run into one another during the following days, leading to a total necrotisation and the die away of the weed plants.

On exposure to carfentrazone-ethyl the moss species turn a distinct off-white

Jewel

Contains 1.5% w/w carfentrazone-ethyl and 60% w/w mecoprop-p.
MAPP No. 14327. PCS No. 02953

Pack size: 1.5kg bottle

Packs per outer: 1 x 1.5kg

Pack coverage: 1 hectare

Application rate: 1.5kg per hectare

Water Volume: 500 litres per hectare

Period of use

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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WEEDS CONTROLLED



Bristley Oxtongue



Bucks Horn Plantain



Greater Plantain



Cinquefoil



Whi

Moss killer on the market

colour due to the loss of chlorophyll. Effects are usually visible within 14 days after application, dependent on weather conditions.

Mecoprop-p

This active ingredient is a selective systemic hormone type herbicide which controls broad leaved weeds in turf. It is absorbed by plant leaves and translocated to the roots giving a complete kill.

After application the growth of the weeds is disturbed, resulting in an early dying off.

Application

Jewel can be used from March to September as per the label but would recommend using in spring and autumn when weeds or moss are growing strongly. Successful applications in early spring will be dependent on good air and soil temperatures (min. 10-12°C) which create good growing conditions. Scotts research has shown that optimum results are achieved with moss control when Jewel is applied in April or May. Jewel must be agitated thoroughly.

Application Rate	Recommendation
1.5 kg in 500 litres water per ha	Maximum 2 applications per year

Weed control

No other herbicide offers selective weed and moss control from foliar application to turf. Jewel is recommended for the post-emergence control of the following weeds:

Susceptible: Bristley Oxtongue, Buck's Horn Plantain, Greater Plantain, Cinquefoil spp, White Clover.

Moderately susceptible: Creeping Buttercup, Daisy, Speedwell spp, Birdsfoot Trefoil.

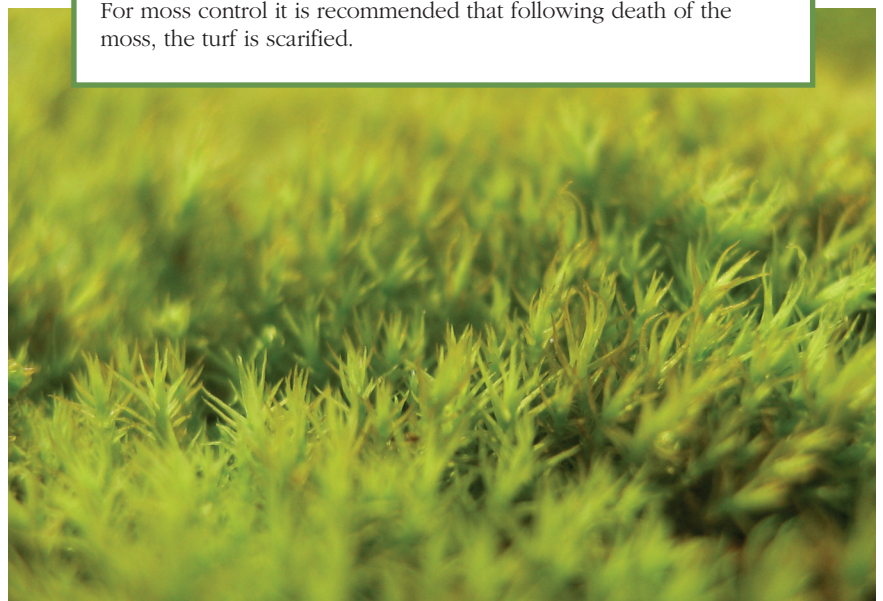
Moss control

Mosses are members of the Bryophyta, a group of relatively primitive non-flowering plants which infest turf to the detriment of desirable grasses. Moss usually has two major growth periods during the year with the first invasion during the autumn. The plant thrives over winter and continues to produce more spores ready to germinate in the spring when once again spores are produced ready to germinate the following autumn, thus continuing the cycle.

The establishment of moss in turf is influenced by a number of factors such as poor drainage, compaction resulting in poor aeration, bad light conditions, poor fertility, and non-competitive weakened grass. Cultural management techniques can help prevent the establishment of moss and are to be encouraged.

Preventative measures, however, are not always successful in which case it is advisable to supplement this with an effective approved chemical mosskiller.

For moss control it is recommended that following death of the moss, the turf is scarified.



White Clover



Creeping Buttercup



Daisy



Birdsfoot Trefoil



Speedwell