

# H<sub>2</sub>Pro<sup>®</sup> DewSmart

H<sub>2</sub>Pro DewSmart is a newly formulated dew dispersant product for turf grass areas.



Where needs take us

 **everris.**

 **ICL**

The removal of dew from greens has been advised for more than half a century.

We think you would be best advised to continue to remove the dew from the greens each morning with a brush or switch since if dew is allowed to linger undisturbed it very often increases the incidence of the spores of fungus to travel more easily from one plant to another and the disease can thus spread more rapidly.

STRI advice from the 1950's

# DewSmart

H<sub>2</sub>Pro DewSmart is designed to prevent or reduce the formation of dew on the grass leaf. The formulation contains specifically selected sticking and spreading surfactants that bond to the leaf surface and prevent moisture droplets from forming. DewSmart is ideal for use on greens as part of Integrated Turf Management (iTurf) approach to help minimize the risk of disease outbreaks and improve turf health and quality.



## Why is dew a problem?

The dew forming on grass blades can be problematic because it provides very good conditions for the spread and expansion of fungal diseases. It is no coincidence that the time of year with high disease pressure, the autumn, warm winter days and early spring, are also the times of year when you see the greatest number of 'dew days'. The moisture coating the leaf allows easy spread of fungal spores and the water droplets will combine with 'guttation' water to provide food for the fungal pathogens.

A single application of DewSmart can prevent dew forming for an extended time period (under optimum conditions), which reduces the need to switch/brush the greens on a daily basis, thus saving staff time. It will also provide protection over the weekend when switching might not take place. There is the added benefit of having the greens dew-free for the early morning golfer as well. The surface will be drier for cutting which should allow a cleaner cut.

|                                                                                     | Use |             | Performance*                 | Recommended period of use |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|-----|-------------|------------------------------|---------------------------|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|
|  | ✓✓  | Green       | Product dispersal: immediate | J                         | F | M | A | M | J | J | A | S | O | N | D |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                     | ✓   | Tee         |                              |                           |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                     |     | Fairway     | Turf response: < 24 hours    |                           |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                     | ✓   | Sportsfield |                              |                           |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                     |     | Amenity     |                              |                           |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |
| Use at any time when dew is forecast or present                                     |     |             |                              |                           |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |

\*Depending on environmental factors

## Sprayer advice

| Spray quality | Size of droplets | Retention on leaf surface | Potential drift hazard* | Foliar |
|---------------|------------------|---------------------------|-------------------------|--------|
| Very fine     | Fine             | Good                      | High                    | ✓✓     |
| Fine          |                  | Good                      |                         | ✓      |
| Medium        |                  | Good                      |                         | ✓      |
| Coarse        |                  | Moderate                  |                         | ✓      |
| Very coarse   | Coarse           | Poor                      | Very low                | X      |

\*Spray drift can be minimized by using TurfMark® Extra



Without DewSmart



With DewSmart (26 days after treatment)

## Key points

- 3-4 week longevity in ideal conditions (see directions for use)
- When used as part of an integrated disease management programme DewSmart can help reduce the risk of disease attack
- Dew removal has been found to help promote higher levels of turf vigour
- Reduces the need for regular early morning switching of dew from greens
- Greens can be clear of dew for a cleaner cut and for the early morning golfer
- Simple to apply with standard boom sprayer
- Specially formulated to avoid scorch

### Directions for use

- The best performance is achieved when applied under optimum conditions
- Cut or brush grass before product application
- Use nozzles suitable for foliar applications
- Apply mixed with a maximum of 400 L/ha of water per hectare
- H<sub>2</sub>Pro DewSmart should not be tank-mixed with any other product
- H<sub>2</sub>Pro DewSmart should be applied to a dry turf surface, application to a wet surface will reduce efficacy
- Turf should remain dry for 4 hours following application
- Application can be made with a standard boom sprayer
- Reducing the mowing frequency will increase the longevity of dew dispersal

### When to use

Use whenever needed to prevent dews from forming at the turf surface.

### Recommended period of use

In the UK and Ireland this would commonly be from September to April.

### Application rate

10 L/ha in 300-400 litres of water.

### Product characteristics

Pack size: 10 litres  
Packs per outer: 2 x 10 litres  
Pack coverage: 10,000m<sup>2</sup>

### Product performance\*

Product effect: Immediate  
Turf response: < 24 hours  
Longevity: 2-4 weeks

\* depending on environmental factors

### Storage

Keep away from heat and sources of ignition. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well. Keep at temperatures between 0°C and 40°C.

### Health and safety

A Material Safety Data sheet is available on request.



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