



HYDRATION

**LONG LASTING WATER REPELLENCY CONTROL**  
Flexible, economical root-zone moisture management.

The  
**Aquatrols®**  
Company

## The Economical Soil Surfactant with Staying Power

Sixteen90™ improves water penetration and reduces hydrophobicity. Its flexible rate structure lets turf managers select a program to suit the required duration of control, from fortnightly application through to protection lasting up to three months.

### Features and Benefits:

#### Reliable Water Repellency Protection

Helps reduce localised dry spot and remains effective across a wide range of conditions.

#### Improved Penetration

Reduces surface tension to encourage water movement into hydrophobic soils and minimise runoff.

#### Efficient Resource Use

Better soil hydration supports more effective use of water, labour and other compatible inputs.

#### Flexible Scheduling

Choose from fortnightly, monthly, split or single-application programs to suit seasonal and site requirements.



### Areas of Use:

-  *Golf Courses*
-  *Council Grounds*
-  *Sports Grounds*
-  *School Grounds*

### Sixteen90 at a Glance

|               |                                                                       |
|---------------|-----------------------------------------------------------------------|
| Category:     | Soil Surfactant                                                       |
| Primary Role: | Rootzone moisture optimisation, long lasting water repellency control |
| Analysis:     | 99.5% Propoxylated Polyethylene Glycols, 0.5% water                   |
| Use:          | Professional or industrial use only                                   |
| General:      | Not a plant food ingredient                                           |
| Pack Size:    | 10L                                                                   |



Suppliers of Professional Turf Care Products and Services

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### General Use Guidelines

#### Start early.

Begin applications at least one month before expected stress and continue through the stress period. Where localised dry spot, above-average growing degree days or low rainfall are already present, apply Aqueduct® seven days before the first Sixteen90 application.

#### Leaching Salts

Use approximately 60 mL per 100m<sup>2</sup> with the site's salt-management program, followed by the appropriate leaching fraction.

#### Improving Revolution® Penetration

Add approximately 60 mL per 100m<sup>2</sup> where limited irrigation coverage, ponding or puddling prevents adequate movement into the soil profile.

### Application Rates & Frequency

| Program       | Rate in Water            | Frequency          | Activation & Watering                                                                                                                                           |
|---------------|--------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 90 Days       | 480 mL in approx 20 L    | Single application | Apply at least 7.5mm irrigation after treatment. If runoff or puddling occurs, use cycle and soak runs until 7.5mm is achieved. Irrigate before the next mowing |
| 90 Days Split | 240 mL in approx 10 L    | Repeat in 2 weeks  |                                                                                                                                                                 |
| 30 Days       | 120-180 mL in approx 8 L | Every 30 days      | For best results, apply syringe irrigation after treatment and irrigate before the next mowing.                                                                 |
| 14 Days       | 60-120 mL in approx 8 L  | Every 14 days      |                                                                                                                                                                 |

### Control Beyond 3 Months

A subsequent application of 240 mL per 100m<sup>2</sup> in 8 L of water may be required to extend performance through the autumn period.

### Tank Mixing

Sixteen90 may be tank mixed with commonly used turf chemicals and fertilisers at rates not exceeding 190 mL per 100m<sup>2</sup>. Conduct a jar test before using a new combination and test a limited turf area if performance is unfamiliar.

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