

- 4.2 The Manufacturer's Certificate shall state that the root control product meets requirements of the specification as evaluated under the Manufacturer's quality control program. The certificate shall be attested to by a person having a legal authority to bind the Manufacturer.
- 4.3 Either mislabeling or misrepresentation of materials shall be reason to reject those products.

5. SAMPLING, TESTING AND ACCEPTANCE

- 5.1 Root control substrate product shall be subject to sampling and testing to verify conformance with this specification. Acceptance shall be based on manufacturer's certifications.
- 5.2 Testing shall be performed in accordance with the methods referenced in this specification for the indicated application. The number of specimens to test per sample is specified by each test method.

6. SHIPMENTS AND STORAGE

- 6.1 Product labels shall clearly show the manufacturer or supplier name, style number, and roll number and shall include a compliance statement certifying that all ingredients and inspection standards for this product have been met.
- 6.2 Each root control product roll shall be wrapped with a protective EVOH bag and placed in a box that will protect the product from damage due to shipment, water, sunlight and contaminants and to prevent premature release of herbicide. The protective wrapping shall be maintained during periods of shipment and storage.
- 6.3 During storage, root control product shall be elevated off the ground and out of direct sunlight. It shall remain sealed in EVOH protective bag inside shipping box at a temperature of not more than 110° F.


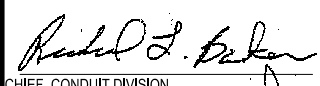

7. PRODUCT DESCRIPTION

Overall Product Major Composition and Ingredients		Typical
Active Chemical*:	Trifluralin (a.a,a-Trufluro 2,6 - dinitro - N,N- Dipropyl - p - toludine)	17.5%
Inert Ingredients	100% Spunbonded Polypropylene, Polyethylene and Carbon	82.5%

Typical Values

Trifluralin Characteristics Method	English	Metric	Test
Vapor pressure (mm Hg @ 25 C)	1x10-4	1x10-4	EPA CG 1600
Solubility in Water (ppm @ 25)	<0.3	<0.3	EPA CG 1500
Fabric Properties	English	Metric	Test Method*
Unit Weight	3.9 oz/yd ²	130 g/m ²	ASTM D-5261
Grab Tensile Strength	130 lbs.	575 N	ASTM D-4632
Elongation at Break	60%	60%	ASTM D-4632
Puncture Strength	40 lbs.	175 N	ASTM D-4833
Trap Tear	60 lbs.	265 N	ASTM D-4533
Permittivity	0.7 sec.	0.7 sec.	ASTM D-4491
AOS (Max Value)	0.21 mm	0.21 mm	ASTM D-4751
Ultraviolet Stability	70% @ 500 hrs	70% @ 500 hrs	ASTM D-4355

*Test methods or revision numbers available on request (17.5% Average trifluralin in total composite. Min. of 20% trifluralin in nodules.) Available from ASTM, 1916 Race Street, Philadelphia, PA

	APPROVED:  CHIEF, CONDUIT DIVISION	CITY OF BALTIMORE DEPARTMENT OF TRANSPORTATION CONDUIT DIVISION	ISSUED	REVISED	REVISED
	 DIRECTOR, DEPARTMENT OF TRANSPORTATION		8 / 2010		
TREE ROOT BARRIER FOR TREE PITS			STANDARD NO. BC 893.01- 4		
			SCALE : NONE	SHEET 4 OF 4	