



## **APPLICATION RECOMMENDATIONS FOR HYDROLOC GRANULAR**

### A) TURF

SPREAD OR BROADCAST HYDROLOC GRANULAR EVENLY OVER THE SOIL SURFACE AND TILL OR TURN INTO SOIL AT A DEPTH OF 4 TO 6 INCHES. HYDROLOC IS NOT A TOP DRESSING AND IF APPLIED TOPICALLY TO THE SOIL HYDROLOC CAN “PERC” UP THROUGH TURF/SOD.

THREE FIFTY FIVE (55) 1b. BAGS IS GENERALLY APPROPRIATE FOR AN ACRE OF TURF AND A MEDIUM SIZE GRAIN IS RECOMMENDED. FOR SMALLER AREAS APPLY AT A RATE OF THREE TO FOUR (3-4) POUNDS PER 1000 SQUARE FEET.

USE FERTILIZERS OR OTHER AMENDMENTS AS APPROPRIATE.

### B) TREES & SHRUBS

DO NOT APPLY AT BOTTOM OF ROOT BALL.

1. INSTALL PLANT AND SPREAD BACKFILL AROUND PERIMETER OF BASE.
2. “SPRINKLE” HYDROLOC AROUND PERIMETER OF PLANT AND TURN IN TO EXISTING BACKFILL.
3. ADD MORE BACKFILL.
4. IF A LARGER PLANTING, ADD MORE HYDROLOC.
5. FINISH FILLING WITH BALANCE OF BACKFILL SOIL.

SMALL PLANTINGS GENERALLY REQUIRE ONE LAYER OF HYDROLOC. LARGER PLANTINGS REQUIRE TWO LAYERS OR APPLICATIONS. “SPRINKLE”, DO NOT SPREAD MATERIAL. HYDROLOC SHOULD BE DISTRIBUTED EVENLY IN SOIL AS IT IS APPLIED.

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TYPICALLY, ONE OUNCE OF MATERIAL IS APPROPRIATE FOR EACH INCH IN DIAMETER OF A PLANTING. TO OBTAIN MORE CONSISTANT RESULTS FOR POTTED PLANTS, MANUFACTURER RECOMMENDS A RATE OF 1.5 POUNDS OF HYDROLOC GRANULAR PER CUBIC YARD OF SOIL MIXTURE.

COURSE GRAIN MATERIAL IS GENERALLY RECOMMENDED FOR TREES AND LARGE SHRUBS.

**HYDROLOC IS INTENDED FOR USE AND APPLICATION BY PLANT AND LANDSCAPE PROFESSIONALS.**

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## **APPLICATION RECOMMENDATIONS FOR HYDROLOC SEASONAL**

### A) TURF

HYDROLOC SEASONAL IS INTENDED FOR USE ON EXISTING TURF. A FIVE POUND CONTAINER IS APPROPRIATE FOR MIXING WITH ONE HUNDRED (100) GALLONS OF WATER. TEN POUNDS OF SEASONAL IS SUITABLE FOR ONE ACRE OF TURF (200 GALLONS OF SOLUTION). TYPICALLY, HYDROLOC IS PART OF AN INTEGRATED TURF MANAGEMENT PROGRAM AND IT IS GREATLY ENHANCED WHEN MIXED AND APPLIED WITH A WETTING AGENT AND WATER SOLUABLE FERTILIZER. CAROLINA HYDROLOGIC CAN RECOMMEND APPROPRIATE AMENDMENTS. HYDROLOC SEASONAL HAS AN EFFECTIVE LIFE OF 2-4 MONTHS DEPENDING ON SOIL PROFILE, EXPOSURE TO LIGHT AND LEVELS OF HYDRATION.

AFTER APPLICATION OF HYDROLOC, TURF SHOULD BE WATERED TO PUSH MATERIAL THROUGH TURF AND INTO THE ROOT SYSTEM. THE MORE THATCH IN THE TURF, THE MORE WATER WILL BE NECESSARY. EXCESSIVE THATCH CAN REDUCE THE EFFECTIVENESS OF HYDROLOC SEASONAL.

### B) TREES AND SHRUBS

HYDROLOC SEASONAL CAN BE USED IN CONNECTION WITH TRANSPORTING PLANTS OR TO REDUCE THE RISK OF "ROOT SHOCK" IN NEW PLANTS OR REPLANTINGS.

FOR SMALLER PLANTS A CONTAINER OF HYDROLOC SOLUTION CAN BE PREPARED FOR DIPPING PLANT BALLS BEFORE INSTALLATION OR TRANSPORT. LARGER PLANT BALLS CAN BE SPRAYED OR INJECTED WITH A HYDROLOC SOLUTION. FOR TRANSPORT, WHETHER DIPPED, SPRAYED OR INJECTED, ROOT BALLS MUST BE PLACED IN A CONTAINER AFTER APPLICATION. IF HYDROLOC IS USED FOR ROOT DIPPING, THE SOLUTION SHOULD BE MIXED AT A RATE OF TWO (2) OUNCES PER GALLON OF WATER.

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CAROLINA HYDROLOGIC IS AVAILABLE TO EXPLAIN APPLICATION APPROACHES AND TO ANSWER QUESTIONS. EACH SITUATION AND APPLICATION IS UNIQUE AND CONSIDERATION MUST BE GIVEN TO THE SITE, PLANTINGS, SOIL CHARACTERISTICS AND APPLICATION INSTRUCTIONS PROVIDED BY THE MANUFACTURER. APPROPRIATE PROTECTIVE EQUIPMENT SHOULD BE USED IN HANDLING HYDROLOC.

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