**SPORTS FIELD MANAGERS ASSOCIATION OF NEW JERSEY**

**MONTHLY NEWSLETTER**

**Volume 2 ** * August 2001

**PROUD SPONSOR**

**STORR TRACTOR COMPANY**

3191 ROUTE 22 • SOMERVILLE, NEW JERSEY 08876

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Sales Representative

To sponsor the SFMANJ newsletter
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**SFMANJ BUSINESS**

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If you are interested in becoming a Board member or helping with a committee, please e-mail us at elpene99@yahoo.com or call Eleanor at 908-735-5999 or Larry at 800-942-0134 or Jim at 732-248-8979.

**CALENDER OF EVENTS**

**SFMANJ**
August 21, 3:30pm – Next Board meeting will be held at Rutgers University.

**STMA**
January 7,8,9 – National Conference in Las Vegas. The SAFE Scholarship committee will be allocating up to $15,000 for the 2001 scholarships and related travel to the STMA Conference in Las Vegas. Contact STMA at 800-323-3875.

**NJ TURF GRASS ASSOCIATION**
December 11 - 13 – Expo Conference at The Taj Mahal in Atlantic City. Sports Turf Educational session is on the 13th. For information call Dick Caton at 856-853-5973.

**Floyd Perry**
August 13-16, 1, 2 and 4 day workshops in Warren, NJ. SFMANJ members receive 10% discount. 800-227-9381

**KAFMO** Keystone Athletic Field Managers Asso.
For Field day information call 610-375-8469.

**MONTHLY FIELD TIPS**

**Proper spreader calibration**

1. **Calculate the pounds of material needed per thousand Square feet.** Example: If you have a 20% nitrogen product and you want 1 pound of nitrogen per_th. sq. ft., you need to apply 5 lbs. of product. Always divide 100 by the percent %. This will give you the amount of product needed to supply 1 lb. N. Multiply this # by the actual amount of N required to find out the amount of product needed for any given amount of N. Cost per th. can be figured in the same manner. Using the same equation as above just replace 100 with the cost per 100 lbs. of fertilizer and multiply by the number of lbs. required.

2. **Determine the spreading width** of the material. (put it in and turn it on). Make sure to run the tractor at PTO speed.

3. **Determine your forward speed** in ft. per min.

   Example: 4 MPH is 352’ per min. [5280’ (1 mile) X 4 MPH = 21,120 ft. per hr. divided by 60 min. = 352].

4. **Determine how many sq. ft. you spread per minute.** Width (in feet) X speed (ft. per min) – recommended overlap (refer to owners manual) = Sq. ft. spread per minute

   Example: if you spread 20 ft. @ 4 MPH. And your owners manual recommends a 25% overlap then 20’ x 352’ (ft. per min) = 7040 sq. ft. per min. - 25% (1700) = 5280 sq. ft. per min.

5. Determine how much material you need to apply per minute. You need 5 lbs. of product per th Sq. ft. You’re spreading 5,280 sq. ft. per min. therefore you need to apply 26.4 lbs. of material per min. [5 lbs. per th. X 5.28 th. = 26.4].

6. Adjust accordingly by running the spreader for 1-minute catching the material and weighing it.

Note: Always refer to owners’ manual for specific calibration and overlap technique.