May 20, 2010

TO: WASHINGTON COUNTY SMALL GRAIN PRODUCERS

FROM: LANCE GRIMES
EXTENSION AGENT, AGRICULTURE

The crop year is well under way. All the corn is planted and most of the cotton is planted in the county. I know everyone got a good amount of rain last week, and we are hoping for more good rain.

There are some soybeans already planted in the county. Fertility and seeding rate are key things to remember when planting soybeans. Ideal soil pH in organic soils is around 5.0; organic-mineral soil pH is around 5.5, and in mineral soils 6.0. For fertilization it’s best to go by the soil report. If you do not have a soil report, the key nutrients are phosphorous and potassium.

**SEEDING RATE CHART**

A great seed population would be around 130,000 plants per acre. You may change the seeding rate, if your seed germination is low or below 90 percent germination. The chart below shows how many seeds per foot of row you would need to get about 130,000 plants per acre on the given row spacing.

<table>
<thead>
<tr>
<th><strong>Row Width (Inches)</strong></th>
<th><strong>Seeds/ft of row</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>9</td>
</tr>
<tr>
<td>30</td>
<td>7.5</td>
</tr>
<tr>
<td>20</td>
<td>5</td>
</tr>
<tr>
<td>18</td>
<td>4.5</td>
</tr>
<tr>
<td>15</td>
<td>3.8</td>
</tr>
<tr>
<td>7</td>
<td>1.75</td>
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</tbody>
</table>

The above seeding rate chart is a guide to go by. You may fluctuate up or down, depending on your preference.
PESTICIDE RECYCLING

The pesticide-recycling container is at the Crop Production Service on Highway 64 in Plymouth. It remains unlocked, and you can use it at your convenience. Make sure the booklet/label is off, the container has been triple rinsed, and that the tops are off. If you have any questions or would like for me to meet you there, call the office; and I will be glad to help.

If you have any questions please contact me at the office 793-2163.

NOTES:

* Enclosed is information about the America’s Farmers Grow Communities Project. Read and decide if it is something you may be interested in.

* We have a couple of events coming up this summer that you may want to consider for your children or grandchildren. Call Rebecca Liverman, County Extension Director, for more information or to register someone (793-2163). Or you can also read more about these events on our website at http://washington.ces.ncsu.edu/

SAFETY DAY
Tuesday, June 22
Vernon James Center / 9:00 a.m. – 1:00 p.m.
For youth ages 5-12 (Junior Leaders, 13+ years old, and parents are welcome)
Cost: $6.00

ACRES OF ADVENTURES DAY CAMP
July 12-16
Extension Office – Downtown Plymouth
9:00 a.m. – 1:00 p.m. Monday-Wednesday
10:30 a.m. Thursday – 10:30 a.m. Friday (overnight trip to Green Acres in Williamston)
For rising 3rd – 6th graders
Cost: $50

Enclosure