

Weekly Pile for week of July 18 2011

Howdy Folks (Horse E-mailers),

Included is the Weekly Pile of Information for the Week of July 18, 2011, Extension's Equine related educational information & announcements for Rockingham & Guilford Counties. To have something included in the Weekly Pile, please follow these simple guidelines.

- Information included needs to be educational in nature &/or directly related to Rockingham or Guilford Counties.**
- Please E-mail information to me by Wednesday each Week.**
- Please keep ads or events as short as possible - with NO FORMATTING with NO unnecessary Capitalization's, and NO ATTACHED DOCUMENTS. (If sent in that way, it may not be included)**
- Please include contact information - Phone, Email and a like.**
- PLEASE PUT WEEKLY PILE IN SUBJECT LINE when you send in to me.**

If I forgot to include anything in this email it was a probably an oversight on my part, but please let me know!

If you have a question or ideas that you would like covered in the Weekly Pile, please let me know and I will try to include. As Always - I would like to hear your comments about the Weekly Pile or the Extension Horse Program in Rockingham or Guilford Counties!

Included in This Weeks Pile:

1. Hot -Hot - Hot

2. Heat Advisory Issued - DANGEROUSLY HOT CONDITIONS

3. WATER: The Essential Nutrient for Horses

4. Water Intake and Electrolyte Supplementation

5. You Asked: How much land and how many animals can I maintain on my pasture?

6. Cost Saving Tips for Equine Operations

7. Biosecurity Key to Preventing Equine Herpes Illness

8. Government Accountability Office Releases Horse Welfare Report

9. Piedmont Horseman's Association is hosting a clinic July 23

10. Hay Directory

11. Swap Shop - For Sale/Wanted - Discontinued - NO MORE

12. Take A Load Off – Bad Salesman

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1. Hot -Hot - Hot

Even if you live under a rock, you know how hot it has been. If you have Horses, Livestock or Pets please pay special attention to them. Make sure they have plenty of clean cool fresh water to drink.

If you have a water trough out in the sun on a day like to day, go out and stick your arm in that water, is it cool enough for you to keep you arm in the water, how about to drink?

It's a proven fact that animals will not have adequate water intake if water is to hot or to cold. Not drinking enough water will cause many problems.

Please check all of your water sources.

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2. Heat Advisory Issued - DANGEROUSLY HOT CONDITIONS

Jared R. Hill, Guilford County Emergency Services

DANGEROUSLY HOT CONDITIONS ACROSS CENTRAL NORTH CAROLINA... .HEAT INDEX VALUES BETWEEN 105 AND 108 THIS AFTERNOON AND AGAIN ON THURSDAY. HEAT INDICES MAY RISE TO 110 BY FRIDAY. ...HEAT ADVISORY IN EFFECT FROM 11 AM TO 8 PM EDT THURSDAY... THE NATIONAL WEATHER SERVICE IN RALEIGH HAS ISSUED A HEAT ADVISORY...WHICH IS IN EFFECT FROM 11 AM TO 8 PM EDT THURSDAY.

<http://alerts.weather.gov/cap/wwacapget.php?x=NC20110720194300HeatAdvisory20110721090000NC.RAHNPWRAH.e30ed850b7fbedd4c1cb4d1791a32cb>

Please take some time early this week to talk to your friends, family or employees about the signs of heat stress, proper hydration, and take any measures to limit optional outdoor activities. If you are looking for additional resources, www.readyguilford.com has a section devoted to high temperature preparedness.

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3. WATER: The Essential Nutrient for Horses

Even if you live under a rock you know its Hot, Dang Hot... Many of you may think this is a Major DaHa, but please make sure that you provide fresh water to your Horses, Livestock and any animals that you have! With the temperatures in the 90's, and if water troughs are in direct sunlight, the water could be over 100+ degrees. Please make changes if that is the case with you.

Of the five basic nutrients: protein, energy, water, minerals, and vitamins, water is the most essential nutrient in the horses diet. It has been seen that horses deprived of water for 3 to 4 days will not consume feed. Even if feeds containing abundant levels of protein, energy, vitamins, and minerals and small amounts of moisture, are offered to water starved horses, they will be of no benefit. A minor reduction in water intake may cause dehydration which will cause decreased performance, shock and possibly death.

Water composes the majority of the horse's body and accounts for several very important functions including:

- 1. Regulation of body temperature**
- 2. Aide in the transportation of nutrients**
- 3. Necessary for waste removal**
- 4. Aids in digestion, absorption, and utilization of nutrients**

Under ideal conditions horses should have free access to water, comparable in quality to human drinking water. Water should be free of chemical contaminants,

bacterial and protozoa and contain acceptable levels of trace minerals and heavy metals. The North Carolina Department of Agriculture, many health departments and various labs offer quality testing services.

Water intake levels vary greatly from horse to horse. Normally a horse will consume one gallon of water per 100 pounds of body weight. Example: A 1,100 pound horse will consume an average of 10-12 gallons of water daily. The water intake rate can be quite variable, dependent upon the dry matter content of the diet, the environmental temperature and production stage or activity. As a general rule, horses need 1 to 2 quarts (2 to 4 liters per kilogram) of water per pound of dry matter consumed. This amount will change with increasing activity level and temperature.

Estimated Water Intake For Horses

Activity	Gallons/Day
Non-Working	4-8
Gestation	7-9
Peak Lactation	10-15
Medium Work	9-15
Heavy Work	12-15

General Recommendations

- 1. Provide fresh, clean water free choice, except to hot horses immediately following exercise.**
- 2. Monitor water intake daily.**
- 3. Remove ice routinely during freezing conditions.**

- 4. Increase the dry matter content of the diet prior to prolonged freezing periods.**
- 5. Drinking water temperature should be in the range between 45° to 65°F, Animals will not have adequate intake if the water temperature is to hot or to cold**
- 6. Clean water buckets and water systems daily.**
- 7. Test water quality of new water sources.**
- 8 Don't ride your horse during the hottest time of the day. If you must, don't push your horse to its physical limits. Make sure you give your horse plenty of rest time and watch for signs that the heat is having a negative effect. Give the horse a little extra cool down time after a ride before putting the horse in the stall or back in the pasture. Make sure he has access to fresh clean water to replenish the fluids lost during the ride.**
- With the heat & humid conditions, providing shade and plenty of fresh water is very important to keep horses healthy.**

A little extra effort can keep your horses comfortable and healthy this summer.

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4. Water Intake and Electrolyte Supplementation http://www.extension.org/mediawiki/files/f/fe/Feeding_management.pdf

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5. You Asked: How much land and how many animals can I maintain on my pasture?

A major issue that must be looked at in answering this question is the management of the waste that is generated by the animals on this pasture. Poor grazing management can result in contamination of surface and subsurface waters through fecal contamination, nutrient over management and soil erosion from pastures. Uncontrolled grazing causes other

problems such as parasite problems, loss of vegetative cover due to frequent grazing, and trampling or grazing plants to the ground (which can kill the stand and increase runoff) If animals are in a confinement situation during the year make sure you call to find out the waste management regulations that you may fall under. These regulations are very serious and violations can result in stiff fines. You may go to <http://www.soil.ncsu.edu/certification/> to find out more.

The number of animals that can be maintained on an acre of land is dependent upon many variables such as type and quality of forage and level of grazing management (strip/rotational grazing etc.).

See attached Generalized Guidelines

Make sure you look at your situation and that the decisions you make are well informed decisions. Try to look at the future at what you think will be happening in 1 year, 3 years, 5-10 years with your livestock operation. Make sure the facility that you put in is so you can increase size if needed, and that you look closely at the cost associated with your decisions.

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6. Cost Saving Tips for Equine Operations

http://www.extension.org/pages/17958/cost-saving-tips-for-equine-operations#Hay_Handling

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7. Biosecurity Key to Preventing Equine Herpes Illness

<http://www.extension.org/pages/59745/biosecurity-key-to-preventing-equine-herpes-illness>

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8. Government Accountability Office Releases Horse Welfare Report

<http://www.gao.gov/Products/GAO-11-228>

American Horse Council news

http://www.horsecouncil.org/GAO_report.php

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9. Piedmont Horseman's Association is hosting a clinic Saturday, July 23, 10 am- until @ Circle S Arena, 2334 Wagoner Rd, Gibsonville. Gain basic knowledge in

Showmanship, Trail and Horsemanship. Cost:\$5.00/horse to benefit PHA Youth. Bring your horse and your lunch! FMI, Contact: Mary Murray 336.613.4938, Jessica Holland 336.516.7724 or Morgan Maness 336.449.6076

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10. HAY DIRECTORY - A Hay Directory is maintained by the North Carolina Cooperative Extension Service for the Rockingham County and Guilford County area. This directory is intended as a service to both hay producers and buyers in the area. If you are in need of hay or would like to be added (or removed) from this list please call me at 1-800-666-3625 or 342-8235 and let me know your name, address & phone #, type of hay, number of bales, (square or round bales) and weight per bale.

MANAGE YOUR PASTURES!

WHEN YOU HAVE CUT HAY AND HAVE SOME TO SELL, PLEASE LET ME KNOW!!

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11. Swap Shop – The swap shop has been discontinued.

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12. Take A Load Off - Bad Salesman

John was a clerk in a small drugstore but he was not much of a salesman. He could never find the item the customer wanted. Bob, the owner, had about enough and warned John that the next sale he missed would be his last. Just then a man came in coughing and he ask John for their best cough syrup. Try as he might John could not find the cough syrup. Remembering Bob's warning he sold the man a box of Ex-Lax and told him to take it all at once.

The customer did as John said and then walked outside and leaned against a lamp post. Bob had seen the whole thing and came over to ask John what had transpired.

"He wanted something for his cough but I couldn't find the cough syrup. I substituted Ex-Lax and told him to take it all at once" John explained.

"Ex-Lax won't cure a cough!" Bob shouted angrily.

"Sure it will" John said, pointing at the man leaning on the lamp post.

"Just look at him. He's afraid to cough!"

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I always want to know what you think of the Weekly Pile, good or bad, Especially if it has had ANY IMPACT on you. Let me hear from you!

*****I NEED YOUR IDEAS FOR ARTICLES In FUTURE WEEKLY PILES!*****

I WANT TO HEAR FROM YOU!!!!!!!!!!!!!!!!!!!!

*Please remember our Troops who are serving our Country (and there families) those who have come home with wounds and the families that paid the ultimate sacrifice. We owe everything to those who are and have served!

Thank You!

I hope that you all have a Great Safe Weekend!

Ben

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<http://rockingham.ces.ncsu.edu/index.php?page=animalagriculture>