

## Re: Food formulas (corn)

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**From:** Krys Francis (*krys\_at\_lluestfarmpoultry.co.uk*)

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In message <4119fac2\$0\$530\$ed2619ec@ptn-nntp-reader01.plus.net>, Jill <news@REMOVETHISKintaline.co.uk> writes

>Krys Francis wrote:

>> Thought that some of you might find this interesting. I've not long

>> since got back from a visit to the States.

>

>Wow – where did you get to?

Mostly Indiana, but also was in a few other states briefly. Flew over New York.... Cripes the size of it!!!!

>

>On my outward journey I

>> was, by coincidence, seated next to a lady with a PhD in animal

>> nutrition, specialising in poultry nutrition. he was on her was to a

>> conference on poultry nutrition in St Louis. As can be imagined I had

>> plenty of questions to ask.

>

>What a wonderful opportunity! I hope we all get to share in your good

>fortune.

I couldn't believe the coincidence; there weren't many British people on the aeroplane & I doubt whether any of the others had anything to do with chickens. She's Dr Lucy Tucker of Alltech senior poultry manager for Europe.

>

>>I was told

>> that while corn, high in carbohydrate, is heating to a certain

>> extent, the climate in this country is never hot enough for this to

>> be a problem.

>

>That is really interesting – from the horsey side of things the heating was

>not so much to do with temperature but its value as a source of ready carbs.

>I am not going to explain it properly but my analogy would be that you are

>less likely to want or need a bowl of porridge in the summer than in the

>winter.

I probably didn't do a fair representation of what she said. I never was much good at writing.... just maths. I think that she did say something

about it being a more readily available source of carbohydrates, quick ready energy? Thus being more heating & possibly causing irritability, but she definitely said that it was never hot enough in Britain for this to be a problem & that there is no real reason why corn should cause a heating problem in summer months here.

She talked quite a bit about various forms of protein, (especially soya) & its' availability to chickens (& humans). Apparently we're a bit tied because of legal aspects. To be quite honest a fair bit about proteins went over my head to some extent. I think that she said that other things (enzymes?) are added to make soya a better & more readily available for chickens. Fishmeal & meat by-products, as I expect everyone knows, are much more suitable readily available forms of protein for chickens & humans. She also spoke of how soya was being used as a cheap ingredient in so many products that she could see allergies being likely to occur with increasing frequency. That one should never eat organic cereals because they are not allowed to use fungicides. Therefore there is an increased risk of mycotoxin build up in the liver. Apparently this works in a similar way to ragwort toxin build up in the liver & cannot be cleared?? (Remember I don't know if any of this makes sense, I'm just repeating my interpretation of what she said.) She said that the government(???) was keeping a lid on this info but she could see the lid being blown off it (again???) & a big fuss being made about mycotoxins within the next (X number) years.

- > *If its cold outside you will utilise / need the extra carbs but in*
- > *the summer they would be superfluous. We would not use maize much as a feed*
- > *for horses in the summer but they surely appreciated them in the winter. I*
- > *would have expected that in the UK its not often cold enough for corn/maize*
- > *to be really necessary except the coldest / wettest parts of the winter.*
- > *Unlike many parts of the US where they get so much more extremes of weather.*
- > *Did she suggest other benefits of using maize ?*
- >
- > *Has she noted any differences in the feed values of the grains we have on*
- > *offer to our domestic market and that of the US?*
- >
- >
- > *Wheat as the base of much of our poultry feed in UK is*
- >> *apparently mostly due to cost & likewise the use of corn in US.*
- >
- > *That makes sense. Did she think this made much difference to the overall*
- > *nutritional content of the various feeds on offer?*
- >
- >> *On the use of selenium in feed (or as a tablet supplement) one*
- >> *apparently needs to be very careful as to the form of the selenium*
- >> *being used. Some is not readily usable by our bodies (or chicken's) &*
- >> *can be dangerous. She gave me her email addy & said to write so I'll*
- >> *ask the form of selenium which she said might as well not be taken,*
- >> *as I had an idea that it might have been the one listed above.*
- >
- > *I would also be interested*

I do remember that she said that the symptoms of selenium overdose in horses were the same as selenium deficiency. I'll write a bit later & ask again about the form of selenium which is not good to use. She spends most of her time travelling the world going to universities & conferences; which she said becomes rather boring after a few years. Flying for long distances is really not fun as I found out.

>

>*Did you get to do lots of other poultry / waterfowl things while you were over there?*

Diagnosed & thus saved a flock from *Mycoplasma gallisepticum* (acute form) I'd never seen the acute form before. Recognised *Mycoplasma*, but with accelerated progress, managed to get some tylosin used that in conjunction with oxytet injections for the worst cases. Confused by rapid progress spoke to a vet who informed me that there are both chronic & acute forms in US. Disinfected myself on return, I don't want it in my birds. Another friend (Rourke Hiland) had runners, exhibition type, .... prefer ours. Rourke also had ancona ducks. Do you know who created these & where? They have magpie pattern I think that the main difference is in the beak.

Regards

Krys

>

>--

>*regards*

>*Jill Bowis*

>

>*Pure bred utility chickens and ducks*

>*Housing; Equipment, Books, Videos, Gifts*

>*Herbaceous; Herb and Alpine nursery*

>*Holidays in Scotland and Wales*

>*<http://www.kintaline.co.uk>*

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Krys Francis