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it might be a food issue  
or a mating issue.

Still has same genetics.

Sometimes TIME helps  
work things out

failing Q will lay drone  
brood on worker cells.

Develop bees that will remove  
various from hive.

Bees will live with large # of mites,  
but will get disease

EFB kills larvae in 4 days

Snotty Brood -

Diagnosed with EFB, but is  
another problem due to mites.  
does not smell.

larvae is too old to be EFB  
larvae is stretched out.

5 day larvae.

larvae is starving. bacteria in gut  
is eating all food

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Stinky Brood -

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does not smell.

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larvae is stretched out.

5 day larva.

larva is starving. bacteria in gut  
is eating all food

Snothy Brood

larva can even get its head out of the cell.

Sac + Stone brood is viral  
will run its course

Snothy Brood

one treatment of terrimycin  
will knock it out

terrimecin - only put on end bars!

terrimecin is consumed slower  
if in patchy. not as effective

terr: is carried out of hive &  
gets on brood.

1-1½ wks will turn hive around  
off colored larva - too late

Do not use terrimecin on  
hives that are making honey

Terrimycin  
Spring or Summer

OK to use on hive.

Hives with Susty brood  
wouldn't make it thru  
winter

With Screened bottom  
Garden Sprayer with  
sugar syrup

between frames. Bees

will groom each other and

know mites off.

Mite-Away must be not humid  
and below 80°

Kent discussed different chemicals  
and their dangers.

Tells when he uses it.

Kent does treat system.

What is your Spring threshold  
for mites?



with Sticky board

1 mite per hour - then treat  
or 1/2 mite

Leave in for 24 hrs

if 24 mites, then treat.

Some treat across the board

Treatment threshold is  
very individual.

If checking drone cells, can  
get idea of mite load.  
(from Lonnie)

Russian bees handle mite pressure  
better than Italians.

But Russians are aggressive &  
swarm easily.

Not as good at honey production.

If breeding for gentleness,  
comes from Drone Side  
have to breed every generation,  
it is a recessive gene.

All mating yards  
have feral bees

Canadian Buckfast are better  
than the ones from Texas.

~~Canadian~~ Buckfast have Mono  
colon mountain genetics.  
might be africanized

Altitude makes them less  
aggressive.

Canadian B is before addition  
by Brother Adam of africanized  
genetics.

Perfect bee is the one you raise  
from own stock.

Will take 5-ys.  
must make honey

Bees - can bring from Canada  
if no wax.  
I can have them shipped

Must have forms all  
signed.

It is an order.

Canada is only country  
can import bees from.

Cordova ~~are~~ are more  
fragile.

Best bees are ones who don't  
die in winter.

Summary:

1

2

3

4

5

6

7

8 Keep them alive

Be cautious about chemicals

Fall Q build up  
pathies + cell builders

7	pails	sugar	} Volume
3	"	pollen sub	
1	"	symp.	

per qt 3 Tss.  
Honey bee healthy

Sub  
powdered sugar  
for pollen USub  
of hive beetles are  
around

make into wet biscuit  
dough

Honey Bee Healthy  
imitates pheromone

In Mississippi, just feeds  
5 lb bag of sugar on frames

In Miss, only has 4-5 days each yr. that the can't forage

Explains ways to ~~be~~ use Sugar bags.

Use Breeder Q hive to build cells.

removes open brood

Explains his grafting methods.

Pinches cell bar frames between reg. frames.

raises 50-60 cells at once.

all about heat transfer

uses it as starter/finisher

Has 11 bee yards

Plus 8 in miss

Pinto capped cells in  
virgin incubator

Block of 2' x 4' 16" long

Has good luck

introducing virgins

His method of introducing  
virgins

4 frame mating nuc.

Virgin produces chemical that  
repels bees. for 30 seconds.

Has good success with both  
virgins + mating Q.

Virgin bank

can hold Q for up  
to 1 wk.

place to keep them if  
it is raining.

Crowd asking about  
laying worker.

explains pheromone  
involvement.

To get rid of laying worker  
he explains

Pretty cool

New Q. might put 2 eggs in  
one cell.

But it will work itself out.

New Q might have drones in worker  
cells as she gets used to fertilizing eggs

Is a 2nd yr Q better  
than 1st yr. Q?

Yes.

Because has egg laying down  
and will  
get an early start.

Kents hives have 2-3 yr old  
Qs.

Own Q have better mating  
odds - more drones to pick from.

3 rounds out of cell building  
hives. up to 21 days.

Tells how he builds cell  
bars

Adds wax to his ~~frames~~ <sup>bars</sup>

Bees use it to build Q cells



Can <sup>clean</sup> ~~keep~~ up cell cups.

Can clean with mineral oil  
& then run them thru  
dishwasher

Question about Jenter  
method — (Nicot)

Crowd comments  
about success with  
Nicot or Jenter

Split  
eggs, bees, food

Hopkins  
Alley  
Jenter  
Miller

Whatever method  
works

KVWilliams@WK.net  
270-970-1307  
contact.

cell punch

Talking about Virgin Board  
gain a wk to do something  
with them

How many nucs does  
Kent produce?

400 for self  
800 to sell.

How do you do it?

How to increase  
240 nucs with Q  
130 Q in bank  
will split if frames nucs

Start with making nucs

Stops around mid-Aug.  
Feed heavy.

Will take a Quart every  
other day.

Entrances are very small

Double boxed nuc only  
work with mated Q.

making wooden ware  
paint well

Keat Spoke for 2-2½ hrs

Very well done.