

Chat record

GS: Great opening session!

sc: Just a reminder to put your questions in the Q&A tab so speaker can pick them up easily in the live Q&A after. They might not see them if they are in the Chat

sc: Wood chips: if these are fresh I would not use directly around young plants, as there is likely to be a temporary robbery of nitrogen from the soil for perhaps a year or so, before it starts coming back again. If they are composted for a year then it is fine.

YP: In my opinion, science is based on research funding bodies by the government, ultimately the government is too short sighted and they need to invest more in sustainable agricultural research

YP: Thank you Martin, very interesting

Pv: Great point, Martin!

Mv: Here another person from Nijmegen, the Netherlands. Good morning everyone. (Hoi Frank)

JB: Thanks Martin. Great to hear specific solutions eg alternative to liming.

JB: and to hear you passion for this

JB: Subsoiling question- I have wondered this too. Great question.

JB: wow, what an amazing root resource. Thanks for sharing.

CD: Thank you, that was very informative!

HD: Head back to the programme tab to access the next session: Theme: Forest Gardens and Health with Anne Stobart, Sebastian Pole, Simon Miles, and Jenny Pickup starting shortly

MH: Ahoy again from Hamburg, Germany. Where trees have rights XD

MH: Yeah, am happy I can review these vids for months afterwards. I will get brain dead quickly XD

MH: Thanks Kaat!

MH: Thank you!

TB: Question: this session is about carbon storage, so the question is a little bit off topic, but what can be said in general about the impact of food forests on other relevant green house gasses ?

TB: Thank you Martin for your presentation and your effort for this pioneers work !

LD: Food Forest Institute says hi from Belgium :-) Amazing knowledge!

LD: Subsoiling: we tend to do this in compacted soil, with good results, we follow the practice of Mark Shepard

LD: Thanks! Ciao!

MK: Agree.. and the length of the long term research needed is only understood in the forestry world is my experience. The agriculture-culture is so much more short term.

JH: Blimey, I can see this symposium is going to be a massive knowledge booster. Was kind of expecting it to be feedback on research, but clearly, we're going to learn shedloads.

JH: @michelle use the Q&A for great qns like this and then they'll get picked up on after. You can vote on ppl's qs as well

JH: In terms of habitat creation we also want to include dry wood habitats because completely different set of invertebrates will inhabit it, including some endangered inverts

JH: v helpful re olivine

JH: @Kaat great link ta. Is there one for larger plants do you know?

Kv: Hi Martin and all, great topic!

AS: hello to all from Bremerhaven, germany. glad to be here, this really is a motivation booster. what a great community!

DH: Thanks Martin, great talk

Chat record

DH: Question: Eric Toensmeir states Bamboo as the crop which sequesters carbon more than any other single crop. Do you know what best practice for bamboo cropping is so as to sequester carbon?

KB: WOW!!! you have done a hell of a job summarizing all this research and evidence. Thank you!!

KB: root systems of plants: these drawings might help:
<https://images.wur.nl/digital/collection/coll13/search>

KB: My pleasure ;-)

PG: and hello from Pip, Edible Wood person from the Netherlands

PG: thanks

Lv: Hello from the food forest at Wageningen University in the Netherlands!

DH: Good morning again, from still sunny Suffolk UK!

DH: Thank you Martin :)

JR: Hello from Tap o' Noth Forest Garden Farm! 57 degrees N, 270 m above sea level. Awful cold wet spring, hope everyone else is growing well!

JR: We use Chaos Fungorum within our forest garden - it's great!!

JR: Last year was a bad vole year for us...so hopefully things are on the up! ;)

BH: How does rockdust compare to lime in regards to results in timeframe?

JM: Thanks this was useful Martin!

LD: can you say anything about the effect of denitrification by using wood chips? I was told by a nursery that wood chips can only be used after one year of composting because they otherwise take nutrients away from the place where they are put

MM: Hi Martin Q: do you think the ELMS scheme will enable longer term forest garden projects to take place? Agreed that traditional R&D funding does not allow for longterm projects.funding

MM: @Jo. Thanks, will do :)

MM: Another great talk, thank you

MM: @Kaat. Thanks for that useful link.

CM: I understand Pear trees have particularly deep roots

CM: Thanks Frank. I based my understanding on wild pears. IMportant to make that distinction

MR: Can you say something about the various difference in benefit of using wood ash, urine , comfrey tea, nettle tea . Etc for fertilising the soil.and balancing ph

MR: Legend 🙌

DR: Robert Kurik's Roots is great for root architecture

LA: Thanks a lot for sharing such valuable knowledge!

BR: Thanks Martin, that's a clear answer!

BR: Thanks once again, about time for a controlled trial then!

CM: I usually minimise my streaming because of the carbon cost but Geoff Lawton says online and VR is the future for permaculture and food forests.

RT: You can check lore kutschera for root systems of trees . Austrian scientist which digged up trees life long. Wurzelatlas..

Fd: Hello from Nijmegen, the Netherlands. Taking notes to maximise carbon storage!

Fd: Another great reason not to use domesticated animals in a grown food forest system.

Fd: @peter Gunner; i had the same question about using biochars

Fd: Marc Siepman told that nitrogen fixers don't fix it untill there is a shortage in the soil

Chat record

Fd: Depends on type of rootstock

Fd: Our pear trees have roots just 50 cm deep max

Fd: Nice

LV: Thank you very much Martin!

tp: Test

CT: hi all, here in Frome, Somerset (UK) and representing Custom Food Lab (mostly based in Folkestone, Kent!)

SR: Hello all! Tapping in from Westland, the Netherlands, with the means to distribute these nutritious info to our national foresters at Staatsbosbeheer.

EP: How about using forest soil for inoculating mycorizha on field soil when planting trees?

PG: What about biochar of thinnings/woodchip before re-applying to soil?

ST: Documentation of root architecture You will find in 3 books - they re in German but offer excellent drawings of the root systems of mst trees and shrubs in Europe:

ST: Lore Kutschera and Erwin Lichtenegger: Wurzelatlas ISBN 3-7020-0928-0 Published by Leopold Stocker Verlag