

**Himalayan Permaculture Centre
Report
Photo Gallery – Humla**



Above - The new training hall and office being built at the Resource Centre (RC) in Dapka village, Humla in May. The hall is built on land donated by 4 households that occupy the 1.5Ha RC.

Right - The training hall completed in June. Now work has started on the land demonstrations including nursery, waste-water management, composting and vegetable garden.



Left - demonstration farmer Mrs Amrita Rawal of Bahu-Baikalpik Krishi group in Bhadauda village, in her nursery and integrated kitchen garden plot. She has 315 grafted apple and 50 other grafted walnut, plum and pear in her nursery, as well as mulberry, *Tephrosia*, *Lucaena*, nasturtium, lemon grass and apricot trees and shrubs growing on her plot.

Right - The land of HPC technician Sagun Bohora from Lotpata village (house on the left) showing diversity of trees and shrubs in comparison to the relatively bare land around. These islands of productive biodiversity are becoming more common in the area as a result of HPC's work.





Left - Mrs Vinkala Bud-dha is one of the residents of the resource centre in Dapka village and is also a barefoot consultant (BC), teaching kitchen gardening to new groups in Humla. Here she is in her nursery and integrated kitchen garden plot.



Right - The last report (inset) showed Angraj Dhakal of Gallabada (Dhakal Samaj Sudhar group) with his newly top-worked pear – here it is 6 months later ! Top working is done on wild fruit trees growing in the fields so usually grow faster than nursery-grown grafted plants due to existing large roots.



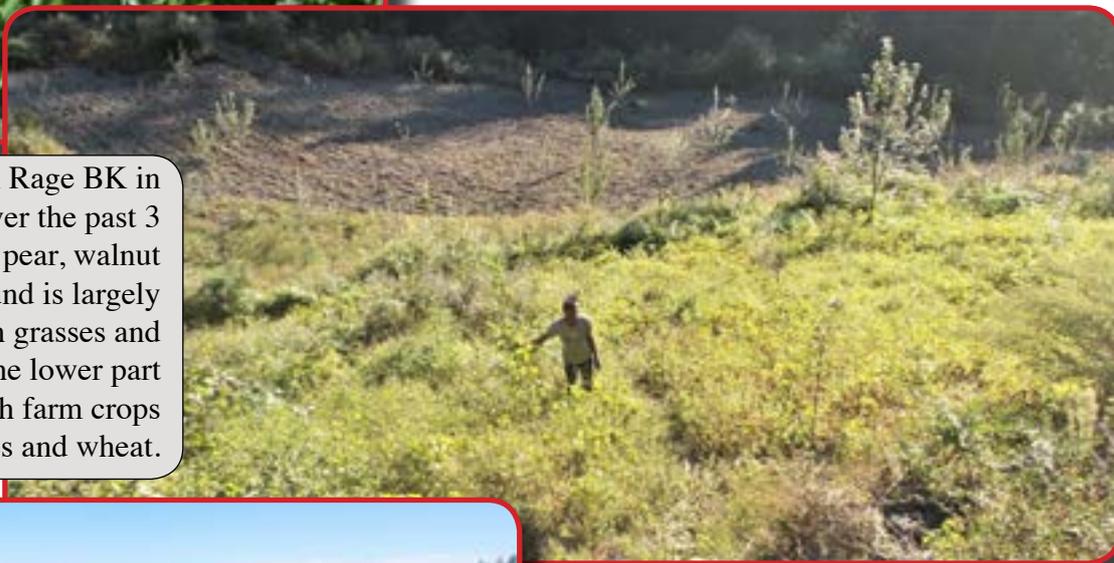
Below - Sprinklers have been distributed to demonstration farmers, along with grafting knives, secateurs, garden pipe, etc. Now, HPC is facilitating centres that will sell such products in the villages rather than free distribution.



Right - Mrs Kaili Sarki of Satti village in her fruit nursery. As a low-caste woman, she occupies one of the most marginalised groups in Nepal, yet she has learned grafting and nursery management, and has grown thousands of grafted fruit trees in her nursery. This year she has sold a total of 2900 apple seedlings alone, and including a handful of other species such as almond and plum, earned a massive NRs122,000/- (GB£870) from her 0.01Ha nursery.



Left - Pardip Jaicee's fruit nursery in Pandebara village, which is not in HPC's working area but has been learned from a barefoot consultant that was sent there to perform training. In this way HPC's technologies can reach beyond their working area of 18 villages in Humla.



Right - HPC technician Rage BK in his orchard established over the past 3 years, containing apple, pear, walnut and almond. In the foreground is largely untilled understorey with grasses and companion plants, while the lower part of the orchard is planted with farm crops such as buckwheat, potatoes and wheat.



Left - The new orchard area at Darambata (2600m) above Barigaun village in Adanchuli municipality. The land is traditionally farmed by members of Barigun and Bhadauda villages, and the 2 communities comprising 36 households combined in February 2018 to plant 283 apples (and 2 almonds, 1 plum and 1 pear) on 1 Ha of degraded grazing land.



Left - A bottle gourd is used to root-irrigate a newly planted orange seedling. The gourd, which holds water, has a small hole drilled in the base that leaks water directly in the root zone, thus saving water while keeping the surface dry.



Above - Farmers from Adanchuli Krishi group in Telgaun start their planting of SRI rice back in June.



Left - The SRI plot in August, showing tillering from a single seed. In traditional planting there would be up to 6 plants per clump.



Right - Karna Prasad Sharma of Gallabada (Dhawal Samaj Sudhar group) counts the stems on his SRI rice prior to harvesting in October.

Right - Janadisa group member, shaman, and BC from Lotpata village, Hari Buddha teaches farmers how to make a hot bed on a farmers' training. Beneath the frame, which will be covered in plastic, is a thick layer of raw manure to provide heat to seed/seedlings that are planted in a layer of soil laid over the manure.



Left - Hari Buddha of Satti village (Pragatishil Krishi group) training farmers in seed production from cabbage, done by making a cross-slit in the head that allows flowering branches to emerge.



Right - Farmers from Masta Dev Krishi group in Seri village learn how to make liquid manure from local resources. The trainer is BC Hari Buddha.



Left - Participants from Bahu Baikalpik Krishi group at the end of a 3-day mobile farmers' training held in Bhadauda village.



Left - Barefoot consultant (BC) Sagun Bohoraa of Barigaun (Krishi group) teaches budding on peach. The plastic holds a section of bud in place, inserted against the cambium layer of the rootstock. Budding is done during summer months, whereas grafting is normally done during the winter dormant season.

Right - Farmers learn to make a fruit nursery on a training in Bhadauda (Bahu Baikalpik Krishi group).



Left - women register for attendance at the Women's Health Camp (WHC) held at the Madana (Telgaun) Municipality Health Post in Humla in October.

Right - Dr Sitashma Dangi from Kathmandu was principle doctor at the WHC, where she examined 120 women and 47 men over 2 days. this was her 3rd WHC for HPC in Humla, and she remains only the 2nd female doctor to have ever visited the region.

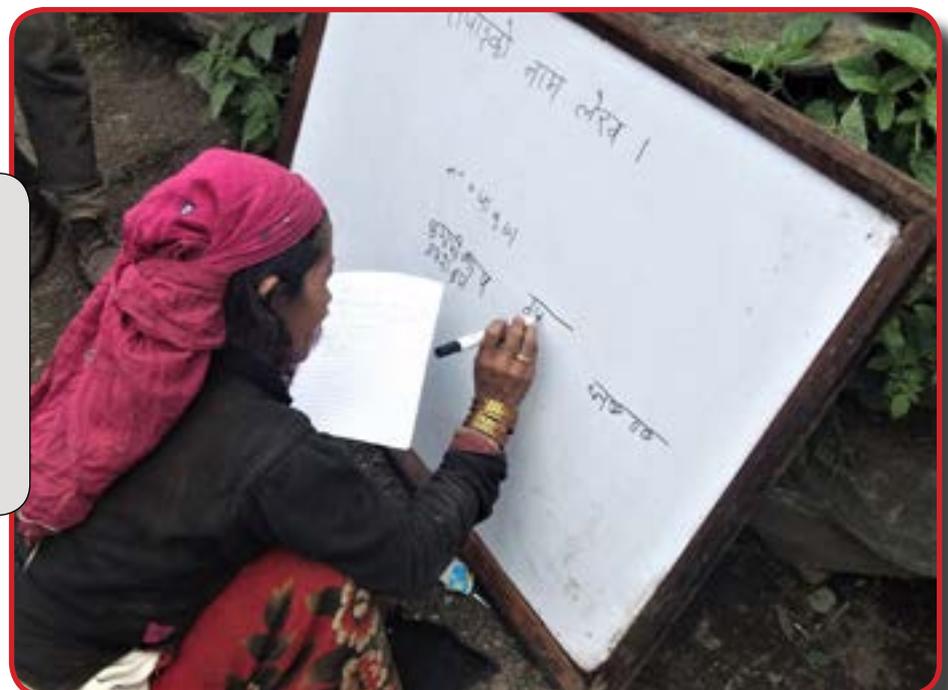


Right - Health education posters on display as part of the Women's Health Camp (WHC) held in Humla in October. As patients line up to be examined they are given a tour of the posters with explanations of issues such as female physiology and reproductive health, gender and women's rights.



Left - The Kailashdev Primary School in Sathi village, one of 3 schools in Humla that has received support from HPC – in this case some roof tin, furniture, and seedlings to plant in the grounds.

Right - Mrs Rupa Buddha of Maspur village (Banadev Krishi group) learns to write her name and address during the Practical Literacy Class. She is one of 42 women and 5 men that are enlisted on the current PLC class in Humla.





Left - members of Janadisa Krishi group in Lotpata village using the foot-pedalled millet thresher provided by HPC.



Right - Trainees completing the 2-month sewing program with their certificates: L-R Mr Pathe Nepali of Dalitbada, Mrs Jankala Rokaya of Seri, Trainer Mr Ganesh Neali of Dalitbada, Mrs Malpura Kami of Chihi, and Assistant trainer Mr Nande Nepali of Dalitbada.



Left - Onion seed being produced on the land of Takka Karki of Telgaun (Adanchuli Krishi group)



Right - A rooftop scene in Bhadaura village in October as harvests are brought in for processing, showing the solar panels for lighting that HPC has provided over the past year. The orange arrows highlight the chimneys for the smokeless stoves that every household now has.

Right - The range of farm products and handicrafts on display for prize-giving at the recent Farmers' festival in Humla (August)



Left - Women in an air-layering competition at the HPC festival. 8 women took part, with the aim being to demonstrate air-layering on a branch. The winner was Mrs Kaile Sarki of Satti (Pragatishil Krishi group) who is featured above in her fruit nursery.



Right - 30 staff, BCs and village group representatives meet in HPC's new training hall to carry out the year's review and evaluation in October.



Left - Women from Chihi village (Kailash Dev Krishi group) dance at the traditional Teej festival in August. Traditionally not followed in remote areas such as Humla, HPC has helped to introduce Teej and the opportunity for women to come together to celebrate through dance.