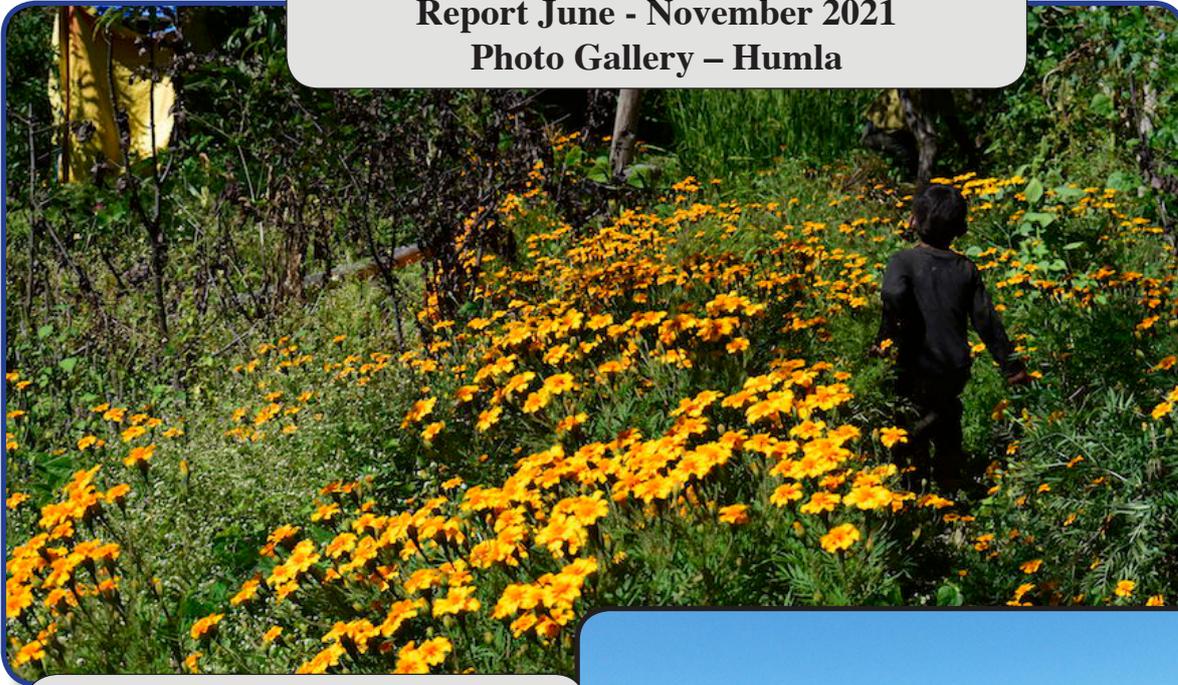
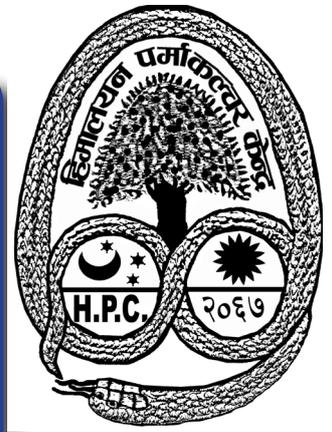
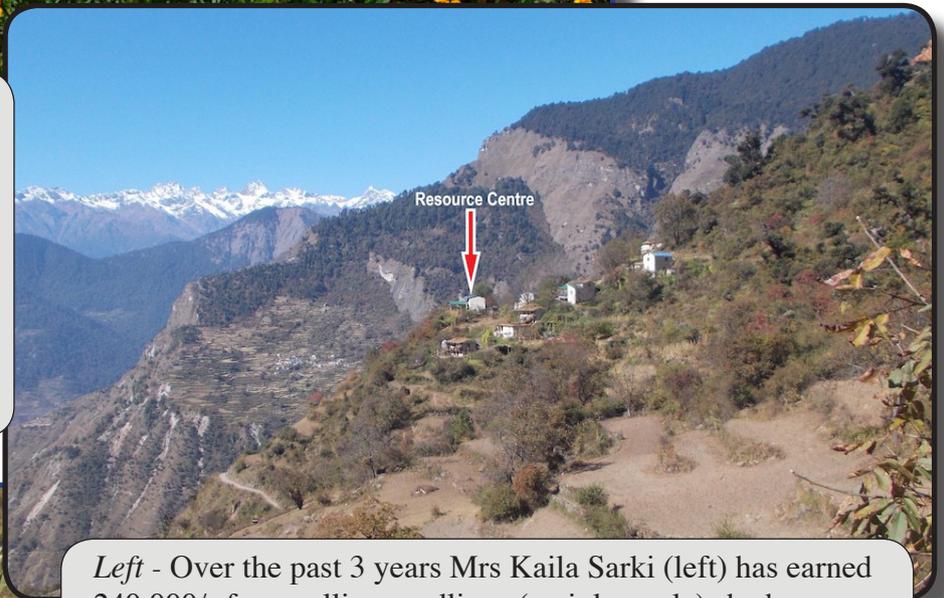


**Himalayan Permaculture Centre
Report June - November 2021
Photo Gallery – Humla**

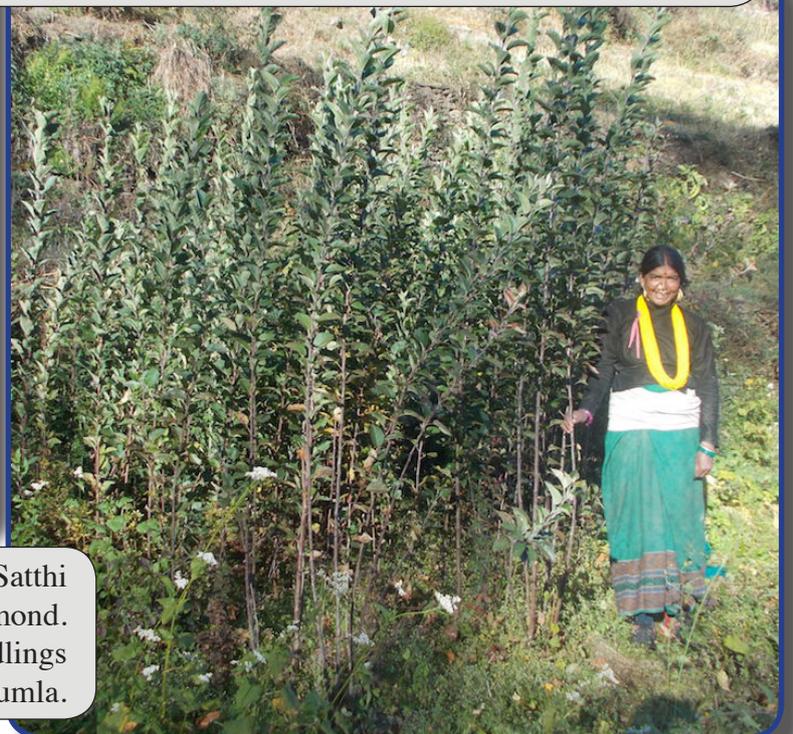


Above - Marigolds blooming at the resource centre (RC) in Dapka village. Various training demonstrations are sited at the mini-farm such as SRI rice, fruit nursery, polytunnel and biofertilizer making.

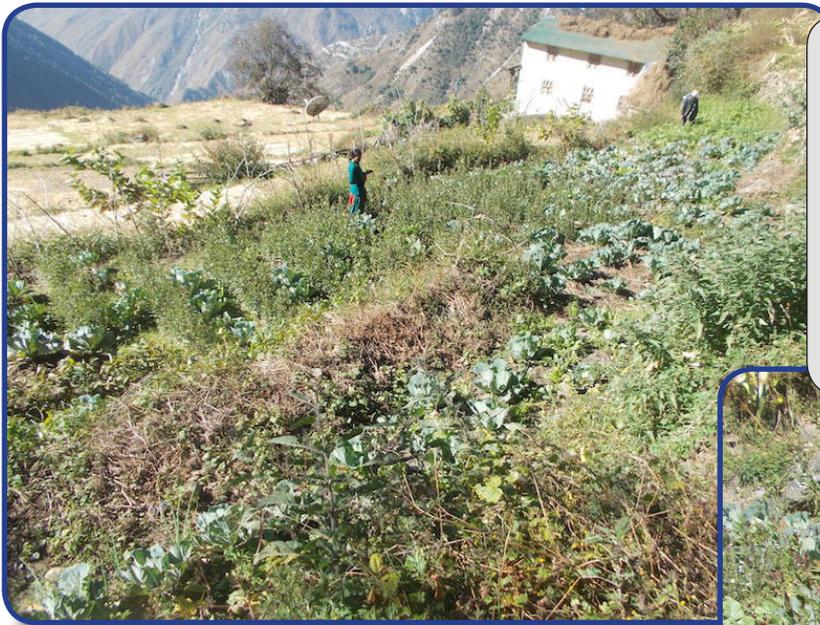
Right - View of Dapka village showing the Resource Centre (RC) amongst farms at an altitude of 2600m



Left - Over the past 3 years Mrs Kaila Sarki (left) has earned 240,000/- from selling seedlings (mainly apple) she has grafted herself on her own nursery plot. For Mrs Burkula Sarki (right) it is her first year producing seedlings at scale – she has around 400 plants, that will sell at NRs 75/- each.



Right - Mrs Liouti Sarki of Pragatshil Krishi Group (Satthi village) is in her 2nd year of grafting apples and almond. This year she has around 300 trees ready to sell. Seedlings grown by HPC members are mainly sold within Humla.



Left - In Lotpata village Mrs Sarita Budha integrates growing vegetables with her fruit nursery. On the edge of the terrace are fodder, mulch and fuel-producing mulberry, napier grass and lemon grass.
Below - In Sarita's nursery, rootstock of apple, almond, walnut and apricot flank rows of cabbage, radish, carrot and broad-leaf mustard. No space is wasted.



Left - When fruit trees are planted out, so too are companion and understorey plants such as comfrey, lemon grass, marigold, garlic, mint and nasturtium, which support health of the fruit tree and productivity in their own right. This is Mrs Dhankaura Dhakal of Gallabada village group.

Right - In June, farmers plant SRI rice in terraces on the steep slopes of Bhaudaura village (Bhaubaikalpik group). The seedlings are younger/smaller than in the traditional system and once established the water is drained.





Above - Demonstration farmers receive various tools and materials to support their work, and as prizes in appreciation of their successes. Here, maize de-hullers, secateurs, grafting knives and sprayers are being distributed. There are currently 65 demonstration farmers registered in Humla.



Above - Asian Pepper (Nep. Timur – *Xanthoxylum armatum*) is a commercial crop in hill districts throughout Nepal, and was introduced to Humla by HPC from Surkhet, where it is a significant income source. This tree, now fruiting abundantly, is on Mrs Nanimaya's land in Sirupata village (Adanchuli Farmers' Group).



Above - Participants from Krishi Group at the end of a seed saving training in Barigaun village.



Left - On the Integrated Farmers' Training participants learn about making fruit tree nurseries. Over the years, farmers in HPC's Humla villages have produced and sold tens of thousands of fruit trees from small-scale home nurseries and larger plots.



Left - Part of the training involves visits to established nurseries such as this one, owned by Ratnalal B.K. and his family. Apple, almond, walnut, apricot, pear, plum and peach are produced.



Right - Farmers learn about grafting fruit trees on a training given by local "barefoot consultant" trainers Mrs Namrata Baiji (in red) and Nandabir Rawal. There are over 80,000 root stock seedlings in the area that are ready for grafting over the next 2 years, to meet an increasing demand.



Above - On a farmers' mobile training in Gallabada village, participants learn how to make a "chyang" – a simple platform to stack and dry washed dishes on that saves them being on the ground. The waste water is collected in a pit (bottom left) to be used for irrigating in the kitchen garden or nursery.

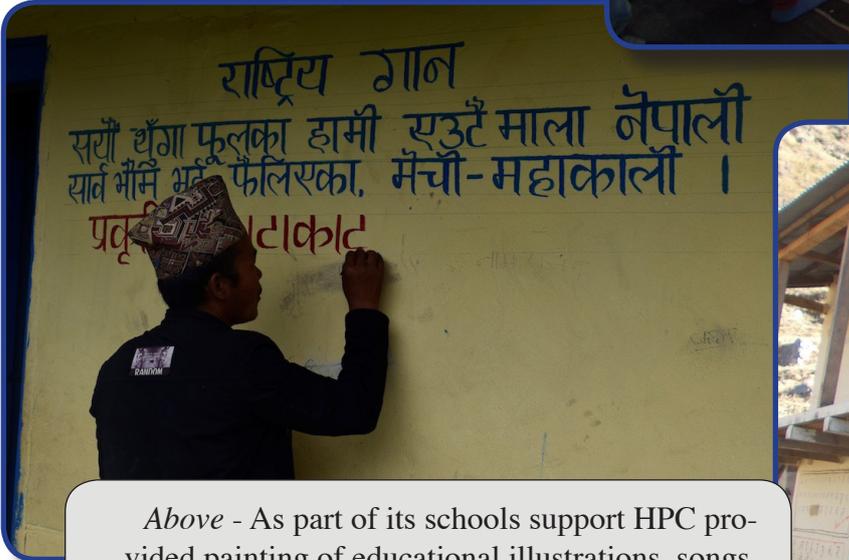
Right - After having taken a biofertilizer training in Surkhet, Mrs Jankala Rokaya teaches farmers in Humla how to make various biofertilizers at a training at the Humla RC.



Right - The traditional way of de-hulling maize, slow and tough on the hands. Below - A hand-operated maize de-huller in action. These tools are estimated to reduce the time spent de-hulling maize by around 75%.



Right - Participants at the start of a 5-day Women's Health Training at the RC in Dapka.



Above - As part of its schools support HPC provided painting of educational illustrations, songs, Nepali and English alphabet, times' tables and quotations – here writing the National anthem on the wall at Kailash Primary school in Satti village.

Right - The finished mural. HPC has already received several request to paint murals on other schools in the region.





Left - HPC also provides support to develop school grounds with productive systems. Here, students plant "Bakaino" (Melia azadirach), a fast growing multi-purpose tree, at Madanadev High school.

Right - Carpenters constructing solar driers at the RC in Humla. Fifteen driers have now been distributed and are in constant use to dry fruit, herbs, grains and vegetables.



Left - After receiving training in top-bar beehive construction, Gora B.K. from Pragitshil group in Satti village makes a hive at home. The top-bar hives are preferred in Humla because they are warmer for the bees in the cold temperatures at higher altitudes.

Right - Mrs Jankali Rokaya od Sheri vil-lage (Masta Dev Krishi Group) has taken on the role of producing wash-able menstraul pads on a commercial basis, having been awarded a start-up grant from HPC.



Right - There are 27 farmers and staff that have taken the internationally-recognised Permaculture Design Course in Humla, and one activity is to bring them together periodically to follow up what they have learned on the course. Here 20 of them are gathered in Satthi village for a workshop reviewing the ethics, principles and process of permaculture design.



Left - Several times a year demonstration farmers also get together at the RC in Humla to share experiences, problems and successes.

Right - Women dance and celebrate the *Teej* festival in August. In remote Humla the highly patriarchal society had not permitted such festivals until HPC introduced it in recent years, following many years of gender awareness activities.



Left - Representatives from HPC groups in Humla gather at the Dapka RC to review the past year's activities: what has worked well and what improvements need to be made, and what visions do they have for the future.