Offsetting Carbon Footprints in Southern Rajasthan

Quarter 4 Report

Oct ~ Dec 2020







Executive Summary

MakeMyTrip Foundation is supporting Seva Mandir to undertake afforestation activities and offset carbon footprints. During this year, 40,000 saplings will be planted in the rural and tribal areas in Udaipur and Rajsamand districts of southern Rajasthan.

<u>Context</u>

Southern Rajasthan is semi-arid region with a hilly terrain, having an erratic weather pattern making the region vulnerable to climatic variation. The region receives average rainfall of 640 mm annually during the monsoons. Due to erratic monsoon and undulating terrain, water harvesting is poor and has high soil erosion.

Common land such as pastures, forest and revenue land constitutes 72% of the total land area in our work area. Nearly 80-100% of rural poor depend on common lands for food, fuel and fodder. However due to anthropogenic pressure, encroachments have been happening on common lands of forests and village pastures. The private wastelands are also degraded, although in better conditions than commons, as families do not have expertise and resources to protect, restore and manage them.

The degradation of lands result in the loss of soil and water regime in the downstream areas lowering the net groundwater availability to critical category. A lack of trees and supporting fauna affects the local ecology. Degradation has led to low availability of fodder, fuel, wood and other forest produces affecting the livestock productivity and income and food security. And importantly, the interest of people to maintain them is lowering with time.

The work of afforestation therefore becomes crucial not only from the point of view of ecological restoration but also from providing sustainable livelihoods for the community and making them interested towards conservation of those lands.

Progress so far

Status of Plantation Sites:

There are nine common pastureland sites for the plantation that have been selected for the target plantation of 40,000 saplings at village commons and individual farmer's land. The respective Gram Panchayat and Gram Vikas Samooh have been involved in planning and implementation of plantation activities.

The loose-stone protection wall is constructed/repaired as gap fillings along with putting over thorny bushes for strengthening the protection of all the selected sites. Total 181 ha area of common pastureland has been protected for plantation activities. Apart from these common pasturelands, there are individual pastureland/farmland of 148 farmers that have been selected for the plantation under the project. The native species of multi-purpose uses has been selected for plantation. Thus, a proper landscape plan was made and followed at each selected site for ecological plantation. Thus, a total of 37,290 saplings have been planted. The target was affected due to the Covid-19 situation. The re-plantation of 3,400 saplings at common pastureland was also undertaken. Besides these, there are some associated vegetative measures were also undertaken like direct seeding, planting branch/stump cuttings, etc. to increase vegetative cover at the sites.

New sites were also selected covering an area of 91 ha for next year plantation. The site protection works is under progress. The site-wise details are given in the below tables.

S.	Name of			Plantation	
No.	Block	Name of sites	Area (in ha)	completed	Activities completed / Remarks, if any
					- Gap filling of 9,405 feet loose-stone fencing
					wall completed for the protection of the site.
					- Plantation and soil-water conservation work
					completed.
					- About 180 jatropa cuttings planted as bio-
					fencing vegetation at the site.
					- Weeding-hoeing completed of planted
1		Bhewadiya	29	3000	saplings.
					- Gap filling and construction of 7,374 feet
					loose-stone fencing wall completed for the
					protection of the site.
					- Plantation and soil-water conservation work
					completed.
					- Direct seeding done and 2,000 <i>jatropa</i> cuttings
2		Kachba	7	5000	planted as bio-fencing vegetation at the site.
					- Gap filling of 867 feet loose-stone fencing wall
					completed for the protection of the site.
					- Plantation and soil-water conservation work
					completed.
					- About 400 <i>jatropa</i> cuttings planted as bio-
					fencing vegetation at the site.
		Naron ka			 Weeding-hoeing completed of planted
3	Badgaon	kheda	62	3000	saplings.

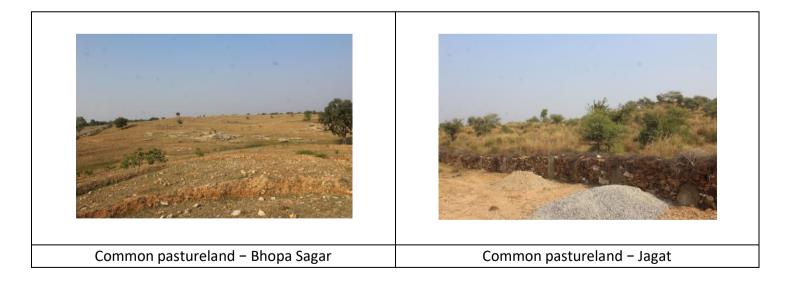
Table 1: Plantation completed at the pastureland

5 Lambapanwa 10 6500 saplings. - Weeding-heing completed of planted sping saplings. 6 Kherwara NichlaTalab 7 4000 saplings. - Plantation and weeding-heeing completed. 6 Kherwara NichlaTalab 7 4000 saplings. - Gap filling and construction of loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding-hoeing completed. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 8 Jhadol 19 5000 planted as bio-fencing vegetation at the site. 8 Jhadol Land - 2290 completed.	_	T				
4 Ginwa Borikuwa 12 3500 Plantation and soil-water conservation work completed. 4 Ginwa Borikuwa 12 3500 planted as bio-fancing vegetation at the site. - Ginwa Borikuwa 12 3500 planted as bio-fancing vegetation at the site. - Ginwa Borikuwa 12 - Gap filling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site. - Plantation and soil-water conservation work completed. - Direct seeding and Solar/Jatropa. - Simport and soil-water conservation work completed. - Direct seeding and Solar/Jatropa. - Direct seeding completed of planted signifies. - Gap filling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site. - Hambapanwa 10 6500 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamilyar 30 4000 seeding done and 500 jotropa cuttings planted as bio-fencing wallow compl						
4 Ginwa Borikuwa 12 3500 Plantation and soil-water conservation work completed 4 Ginwa Borikuwa 12 3500 Planted as bio-fencing wegetation at the site. 5 - Gap filling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site. - Plantation and soil-water conservation work completed. 5 Lambapanwa 10 6500 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 saplings. 8 Ihadol - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. 7 Kumbhalgrah Aamliyar 30 40000 saplings.						
4 Girwa Borikuwa 12 3500 - Direct seeding done and 225 jatropo cuttings. 4 Girwa Borikuwa 12 - Gap filling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site. - - Plantation and soil-water conservation work completed. - Direct seeding and Solar/Jatropa. - Stump/branch cutting plantation (2,250) done at the site. 5 Lambapanwa 10 6500 saplings. 6 Kherwara NichlaTalab - Gap filling and construction of 3,000 feet loose-stone fencing wall completed of planted soio-fencing vegation at the site. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 sapling and construction of 0,300 feet loose-stone fencing wall completed of planted as bio-fencing vegation at the site. 7 Kumbhalgrah Aamliyar 30 4000 saplings. 8 Aamliyar 30 4000 sapling and construction of 3,00 feet loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 saplings. - Gap filling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site.						•
4 Ginwa Borikuwa 12 3500 Planted as bio-fencing vegetation at the site. - Gap filling and construction of 3,000 feet - Gap filling and construction of 3,000 feet 0.000 Indiana - Bio filling and construction of 3,000 feet - Origot Seeding and Salar/Jatropa. 5 Lambapanwa 10 6500 sapings. - Weeding-hoeing completed of planted 5 Lambapanwa 10 6500 sapings. - Gap filling and construction of 3,000 feet 6 Kherwara NichlaTalab 7 4000 sapings. - Plantation and seeding-hoeing completed of planted 6 Kherwara NichlaTalab 7 4000 sapings. - Gap filling and construction of loose-stone fencing wall completed of the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 sapings. - Gap filling and construction of 500 feet loose-stone fencing wall completed. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. - Plantation and weeding-hoeing completed. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. - Gap filling and construction of 500 feet loose-sto						
4 Girwa Borikuwa 12 3500 planted as bio-fencing vegetation at the site. 6 Gap filling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site. - Plantation and soil-water conservation work completed. 5 Lambapanwa 10 6500 - Gap filling and construction of 3,000 feet 6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 sapcling and construction of 500 feet loose-stone fencing wall completed. 8 Jhadol Lambapanwa 10 - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 9 Jointatation and weeding-hoeing completed. - Sap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 9 J						
5 - Gap filling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site. 5 - Plantation and soil-water conservation work completed. 6 Lambapanwa 10 6 Simp/branch cutting plantation (2,250) done site the site. - Oap filling and construction of 3,000 feet loose-stone fencing wall completed of planted sapings. 6 Kherwara 10 Cost sapings. 6 Kherwara 10 Vieweding-hoeing completed of planted solose-stone fencing wall completed for the protection of th site. 7 Kumbhalgrah Aamilyar 30 4000 sapings. 7 Kumbhalgrah Aamilyar 30 4000 sapings. 8 Aamilyar 30 4000 sapings. - Oap filling and construction of 500 feet loose- stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamilyar 30 4000 - Oap filling and cons						
S Iosse-stone fencing wall completed for the protection of the site. S - Plantation and soil-water conservation work completed. S - Direct seeding and Solar/Jatropa. stump/branch cutting plantation (2,250) done at the site. - Weeding-hoeing completed of planted S - Gap filling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. - Plantation and weeding-hoeing completed. 6 Kherwara NichlaTalab 7 6 Kherwara NichlaTalab 7 7 Kumbhalgrah Aamliyar 30 4000 sapings. - Gap filling and construction of loose-stone fencing wall completed. 7 Kumbhalgrah Aamliyar 30 4000 9 - Plantation and weeding-hoeing completed. - Associated wegetative measures like direct 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 9 - Direct seeding done and 300 <i>jatropa</i> cuttings - Direct seeding done and 30 <i>jatropa</i> cuttings 8 Jhadol - Direct seeding done and 30 <i>jatropa</i> cuttings 9 - Direct seeding done and 30 <i>jatropa</i> cuttings	4	Girwa	Borikuwa	12	3500	
5 Lambapanwa 10 6500 saplings. 5 Lambapanwa 10 6500 saplings. 6 Kherwara NichlaTalab 7 4000 7 Kumbhalgrah Aamliyar 30 4000 7 Kumbhalgrah Aamliyar 30 4000 8 Jhadol Individual - Gap filling and construction of 500 feet lose-stone fencing wall completed of planted 6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 saplings. 8 Jhadol Individual - Gap filling and construction of 500 feet lose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 sacciated vegetative measures like direct 8 Jhadol Lamd - Gap filling and construction of 500 feet lose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. 7 Kumbhalgrah Aamliyar 30 4000						
S - Plantation and soil-water conservation work completed. - Direct seeding and Salar/Jatropa. stump/branch cutting plantation (2,250) done at the site. - Weeding-hoeing completed of planted solo fulling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. - Direct seeding the site. - NichlaTalab 7 Kumbhalgrah Aamliyar 30 4000 splings. - Plantation and weeding-hoeing completed. - Direct seeding done and S00 /atropa cuttings planted as bio-fencing wall completed. - Bar fulling and construction of loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. - Associated vegetative measures like direct - Gap filling and construction of S00 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. - Direct seeding done at the site. - Direct seeding done at the site. - Direct seeding done at the site. - Plantation and weeding-hoeing completed. - Direct seeding done at the site. - Direct seeding done at the site. -						c
5 Lambapanwa 10 completed. 5 Lambapanwa 10 6500 saplings. 6 Kherwara NichlaTalab 7 Gap filling and construction of 3,000 feet loose-stone fencing wall completed of planted 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 seeding-hoeing completed. 7 Kumbhalgrah Aamliyar 30 4000 seeding and construction of loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done and 500 jatropa cuttings planted as bio-fencing wall completed for the protection of the site. 8 Jhadol Individual - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 9 Filting and construction of 500 feet loose-stone fencing wall completed for the protection of the site. - Inatation and weeding-hoeing completed. 8 Jhadol Individual - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. - Plantation an						•
5 - Direct seeding and Salar/Jatropa. 5 Lambapanwa 10 6500 6 Lambapanwa 10 6500 6 Kherwara NichlaTalab 7 7 Kumbhalgrah Aamliyar 30 8 Jhadol - Plantation 7000 feet 10 Capa filling and construction of 3,000 feet - Oase-stone fencing wall completed for the protection of the site. 9 - Plantation and weeding-hoeing completed. - Direct seeding done and 500 jatropa cuttings planted as bio-fencing vegetation at the site. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 sapling and construction of loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 sapfilling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 sapfilling and construction of 300 feet loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 sapfilling and construction of 300 feet lo						- Plantation and soil-water conservation work
5 Lambapanwa 10 6500 saplings. 5 Lambapanwa 10 6500 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 8 Jhadol Individual - - Gap filling and construction of 5.00 feet loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 9 Individual - - Gap filling and construction of 5.00 feet loose-stone fencing wall completed for the protection of the site. 9 Individual - - Gap filling and construction of 3.00 jotropa cuttings planted as bio-fencing vegetation at the site.						completed.
5 Lambapanwa 10 6500 splings. - Weeding-heing completed of planted 5 Bambapanwa 10 6500 saplings. - Gap filling and construction of 3,000 feet 100 Cose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. - Direct seeding done and 500 jatropa cuttings planted as bio-fencing vegetation at the site. 6 Kherwara NichlaTalab 7 4000 saglings. 6 Kherwara NichlaTalab 7 4000 saglings. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 8 Jhadol Land - Sap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. 8 Jhadol Land - Sap filling and construction of 500 feet loose-stone fencing wall completed. - Direct seeding done and 300 jat						- Direct seeding and Salar/Jatropa.
5 -Weeding-hoeing completed of planted saplings. 6 Kherwara NichlaTalab 7 Kumbhalgrah Aamliyar 30 4000 7 Kumbhalgrah 8 Jhadol 8 Jhadol 8 Jhadol 8 Jhadol						stump/branch cutting plantation (2,250) done at
5 Lambapanwa 10 6500 saplings. 6 Kherwara NichlaTalab 7 Gap filling and construction of 3,000 feet loose-stone fencing wall completed for the protection of the site. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 sapling and construction of loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 8 Jhadol Individual - - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. 8 Jhadol Land - - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the site. 8 Jhadol Land - 2290 completed. - <						
6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 8 Jhadol Individual - 2290 completed.						
6 Kherwara NichlaTalab 7 4000 sapilings. 6 Kherwara NichlaTalab 7 4000 sapilings. 7 Kumbhalgrah Aamliyar 30 - Gap filling and construction of loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 8 Jhadol Individual - - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. 8 Jhadol Individual - - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. 8 Jhadol Individual - - - 8 Jhadol Individual - - - 8 Jhadol Iand - 2290 completed.	5		Lambapanwa	10	6500	
6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 4000 seeding done and 300 jatropa cuttings planted as bio-fencing vegetation at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done and 300 jatropa cuttings planted as bio-fencing wall completed of planted 7 Kumbhalgrah Aamliyar 30 4000 seeding done and 300 jatropa cuttings planted as bio-fencing wall completed for the protection of the site. 9 Plantation and weeding-hoeing completed. - Associated vegetative measures like direct seeding done and 300 jatropa cuttings planted as bio-fencing wall completed for the protection of the site. 9 Plantation and weeding-hoeing completed. - Direct seeding done and 300 jatropa cuttings planted as bio-fencing wall completed for the protection of the site. 9 Souo - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. 9 Souo - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. 9 Souo - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site.	1					
 Plantation and weeding-hoeing completed. Direct seeding done and 500 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. Weeding-hoeing completed of planted Weeding-hoeing completed of planted Saplings. Gap filling and construction of loose-stone fencing wall completed for the protection of th site. Plantation and weeding-hoeing completed. Aamliyar 4000 Seeding done at the site. Plantation and weeding-hoeing completed. Associated vegetative measures like direct Seeding done at the site. Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. Plantation and weeding-hoeing completed. Associated vegetative measures like direct Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. Plantation and weeding-hoeing completed. Direct seeding done and 300 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. Plantation and weeding-hoeing completed. Direct seeding done and 350 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. Plantation and weeding-hoeing completed. Direct seeding done and 550 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. Plantation and weeding-hoeing completed. Direct seeding done and 550 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. Plantation done at 148 individual farmer's pastureland/farmland. Soil-moisture conservation measures completed. 						c
6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara NichlaTalab 7 4000 saplings. 7 Kumbhalgrah Aamliyar 30 - Gap filling and construction of loose-stone fencing wall completed for the protection of th site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 8 Jhadol Individual 19 50000 planted as bio-fencing vegetation at the site. 9 Jhadol Land - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 9 Splantation and weeding-hoeing completed. - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 9 Splanted as bio-fencing vegetation at the site. - Plantation and weeding-hoeing completed. 9 Splanted as bio-fencing vegetation at the site. - Plantation and weeding-hoeing completed. 9 Splanted as bio-fencing vegetation at the site. - Plantation and weeding-hoeing completed. 9 Splanted as bio-fencing vegetation at the site. - Planta						protection of the site.
6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara - Gap filling and construction of loose-stone fencing wall completed for the protection of th site. - Plantation and weeding-hoeing completed. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at 100 jatropa cuttings patients with emotion of 500 feet loose-stone fencing wall completed for the protection of the site. 9 Solo planted as bio-fencing vegetation at the site. 9 Direct seeding done and 300 jatropa cuttings 9 Solo planted as bio-fencing vegetation at the site. 9 Solo planted as bio-fencing wall completed for the protection of the site. 9 Solo planted as bio-fencing vegetation at the site.						- Plantation and weeding-hoeing completed.
6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara - Gap filling and construction of loose-stone fencing wall completed for the protection of th site. - Plantation and weeding-hoeing completed. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 9 Direct seeding done at the site. - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 9 Direct seeding done and 300 jatropa cuttings 9 Direct seeding done and 300 jatropa cuttings 9 Doto planted as bio-fencing wall completed for the protection of the site. 9 Plantation and weeding-hoeing completed. 9 Doto planted as bio-fencing wall completed for the protection of the site. 9 Plantation and weeding-hoeing completed. Direct seeding done and 550 jatropa cuttings 9 Direct seeding done at 14						- Direct seeding done and 500 <i>jatropa</i> cuttings
6 Kherwara NichlaTalab 7 4000 saplings. 6 Kherwara - Gap filling and construction of loose-stone fencing wall completed for the protection of th site. - Plantation and weeding-hoeing completed. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 8 Jhadol - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. 8 Jhadol - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the site. - Plantation and weeding-hoeing completed. 8 Jhadol - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the site. - Plantation and weeding-hoeing completed. 8 Jhadol - Solo-fencing vegetation at the site. - Plantation and weeding-hoeing completed. 8 Jhadol - Cap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. 9 - Direct seedi						planted as bio-fencing vegetation at the site.
7 Kumbhalgrah Aamliyar 30 4000 - Gap filling and construction of loose-stone fencing wall completed for the protection of th site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 8 Jhadol Individual 19 5000 planted as bio-fencing vegetation at the site. 8 Jhadol Individual - 2290 completed. 8 Jhadol - 2290 completed.						 Weeding-hoeing completed of planted
7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 9 Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. 9 Direct seeding done and 300 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. 9 5000 planted as bio-fencing wall completed for the protection of the site. 9 Fencing wall completed for the site. - Gap filling and construction of 3,100 feet 1005 Individual - Direct seeding done and 550 <i>jatropa</i> cuttings 9 Direct seeding done and 550 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. 9 Plantation and weeding-hoeing completed. - Direct seeding done and 550 <i>jatropa</i> cuttings 9 Direct seeding done and 550 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. 9 Plantation done at 148 individual farmer's pastureland/farmland	6	Kherwara	NichlaTalab	7	4000	saplings.
7 Kumbhalgrah Aamliyar 30 4000 site. - Plantation and weeding-hoeing completed. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 9 Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. 9 Direct seeding done and 300 jatropa cuttings - Direct seeding done and 300 jatropa cuttings 9 Dottoo - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the 9 S000 planted as bio-fencing vegetation at the site. - Plantation and weeding-hoeing completed. 9 S000 planted as bio-fencing vegetation at the site. - Plantation and weeding-hoeing completed. 9 Vanpura 5 1000 planted as bio-fencing vegetation at the site. 9 Plantation done at 148 individual farmer's pastureland/farmland. - Soil-moisture conservation measures 8 Jhadol Land - 2290 co						- Gap filling and construction of loose-stone
7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 6 Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. 8 Jhadol Individual - 2290 8 Jhadol Individual - 2290						fencing wall completed for the protection of the
7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 6 Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. 9 Direct seeding done and 300 jatropa cuttings 8 Jhadol Individual 8 Jhadol Land - 2290 8 Jhadol Land - 2290						site.
7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 7 Kumbhalgrah Aamliyar 30 4000 seeding done at the site. 6 Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. 7 Numbhalgrah Ranjitpura 19 5000 planted as bio-fencing vegetation at the site. 8 Jhadol Land - 2290 completed. - Soil-moisture conservation measures						- Plantation and weeding-hoeing completed.
8 Jhadol Land - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 8 Jhadol Land - Gap filling and construction of 500 feet loose-stone fencing wall completed for the protection of the site. 9 5000 plantation and weeding-hoeing completed. - Direct seeding done and 300 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. - Direct seeding done and 550 <i>jatropa</i> cuttings posterior of the site. - Plantation and weeding-hoeing completed. - Direct seeding done and 550 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. - Direct seeding done and 550 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. - Plantation done at 148 individual farmer's pastureland/farmland. - Soil-moisture conservation measures completed.						- Associated vegetative measures like direct
8 Jhadol Land - 2290 completed. 8 Jhadol Land - 2290 completed.	7	Kumbhalgrah	Aamliyar	30	4000	seeding done at the site.
8JhadolIndividual8JhadolLand22900-22900- <td></td> <td></td> <td></td> <td></td> <td></td> <td>- Gap filling and construction of 500 feet loose-</td>						- Gap filling and construction of 500 feet loose-
8JhadolIndividual-2290-Plantation and weeding-hoeing completed. - Direct seeding done and 300 <i>jatropa</i> cuttings planted as bio-fencing vegetation at the site. - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. - Direct seeding done and 550 <i>jatropa</i> cuttings protection of the site. - Plantation and weeding-hoeing completed. - Direct seeding done and 550 <i>jatropa</i> cuttings protection of the site. - Plantation done at 148 individual farmer's pastureland/farmland. - Soil-moisture conservation measures						stone fencing wall completed for the protection
8 Jhadol Land - 2290 completed. 9 5000 - Direct seeding done and 300 jatropa cuttings planted as bio-fencing vegetation at the site. 9 5000 planted as bio-fencing vegetation at the site. 9 - - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. 9 - - Plantation and weeding-hoeing completed. 9 - Direct seeding done and 550 jatropa cuttings planted as bio-fencing vegetation at the site. 9 - - Plantation and weeding-hoeing completed. 9 - Direct seeding done and 550 jatropa cuttings planted as bio-fencing vegetation at the site. 9 - - Plantation done at 148 individual farmer's pastureland/farmland. 9 - 2290 completed.						of the site.
Ranjitpura195000planted as bio-fencing vegetation at the site Gap filling and construction of 3,100 feetloose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. - Direct seeding done and 550 jatropa cuttings planted as bio-fencing vegetation at the site.Vanpura51000planted as bio-fencing vegetation at the site. - Plantation and weeding-hoeing completed. - Direct seeding done and 550 jatropa cuttings planted as bio-fencing vegetation at the site.Vanpura51000planted as bio-fencing vegetation at the site. - Soil-moisture conservation measures completed.8JhadolLand-2290completed.						- Plantation and weeding-hoeing completed.
8 Jhadol Land - Gap filling and construction of 3,100 feet 1 - Gap filling and construction of 3,100 feet loose-stone fencing wall completed for the protection of the site. - Plantation and weeding-hoeing completed. - Plantation and weeding-hoeing completed. - Direct seeding done and 550 jatropa cuttings planted as bio-fencing vegetation at the site. - Plantation done at 148 individual farmer's pastureland/farmland. - Soil-moisture conservation measures - 2290 completed.						- Direct seeding done and 300 jatropa cuttings
8JhadolLand-2290completed.			Ranjitpura	19	5000	planted as bio-fencing vegetation at the site.
8 Jhadol Land - 2290 completed. 9 Plantation of the site. - Plantation and weeding-hoeing completed. 9 Vanpura 5 1000 planted as bio-fencing vegetation at the site. 9 Individual - - Plantation done at 148 individual farmer's pastureland/farmland. 9 Jhadol Land - 2290 completed.						- Gap filling and construction of 3,100 feet
8JhadolLand-2290-8JhadolLand-2290completed.						loose-stone fencing wall completed for the
8 Jhadol Land - 2290 - Direct seeding done and 550 jatropa cuttings planted as bio-fencing vegetation at the site. 9 - Plantation done at 148 individual farmer's pastureland/farmland. - Soil-moisture conservation measures 0 - 2290 completed.						protection of the site.
Vanpura 5 1000 planted as bio-fencing vegetation at the site. Plantation done at 148 individual farmer's pastureland/farmland. - Plantation done at 148 individual farmer's pastureland/farmland. Individual - Soil-moisture conservation measures Individual - 2290 completed.						- Plantation and weeding-hoeing completed.
8 Jhadol Land - 2290 completed.						- Direct seeding done and 550 <i>jatropa</i> cuttings
8 Jhadol Land - 2290 completed.			Vanpura	5	1000	planted as bio-fencing vegetation at the site.
8 Jhadol Land - Soil-moisture conservation measures - 2290 completed.						- Plantation done at 148 individual farmer's
8 Jhadol Land - 2290 completed.						pastureland/farmland.
			Individual			- Soil-moisture conservation measures
Total 181 37.290	8	Jhadol	Land	-	2290	completed.
		Total		181	37,290	



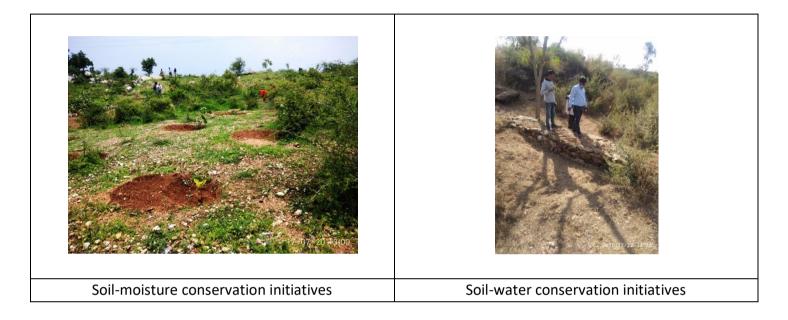
Table 2: Selected new sites for next year plantation

S. No.	Name of sites	Area (in ha)	Activities ongoing / Remarks, if any		
			Primary survey of the site and community meeting has been conducted for		
1	Bhopa Sagar	22	planning and implementation of physical activities.		
2	Gorana	21	About 4,000 feet loose-stone protection wall is completed which is under progress.		
			Primary survey of the site and community meeting has been conducted for		
3	Jagat	48	planning and implementation of physical activities.		
	Total	91			



Soil-Moisture and Soil-Water Conservation Initiatives:

As the supporting activity of plantation, soil-moisture and soil-water conservation initiatives have been implemented during the period. The activities like *Thanwla* repairing (10121), etc. were completed for better growth of planted saplings and to retain soil-moisture. During the period, soilwater conservation activities like loose stone check dam, gully plugs, etc. has been completed to check run-off and to protect bank erosion in drainage line of plantation site.



Protection of the Sites:

The plantation sites are protected by mainly loose-stone protection wall (30,257 feet) which covers around 180 hectare area. Such wall needs time-to-time repairing and maintenance which has been completed during the period. We put over thorny bushes on the wall at some sites for strengthening protection of plantation sites. Local community contributed by doing Shramdaan for repairing of protection wall at some plantation sites. The Gram Vikas Samooh regularly monitors the protection of plantation sites appropriate social fencing system.



Harvesting of Grass fodder:

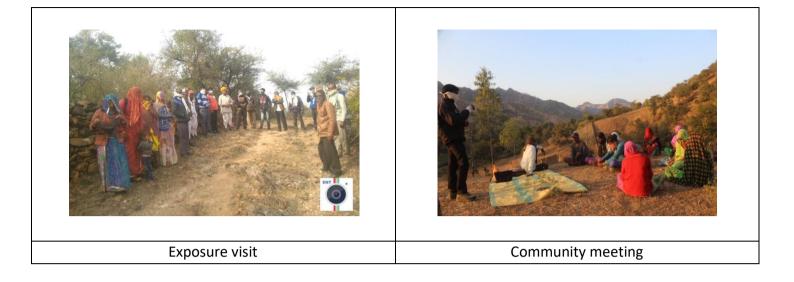
After the protection of the plantation sites of pastureland, the regeneration of existing vegetation has increased. Mainly the grasses and herbs regenerated which are important as fodder for domestic animals reared by local community. The Gram Vikas Samooh decided to harvest Grass fodder during the scheduled period, equally benefitting all households who are depended for the fodder. There are about 13,500 Grass bundles (each bundle 1-2 kg weight) have been harvested from pastureland. The estimated value of the harvested grass fodder is Rs.1,50,000 - 2,00,000 (varies cost of Rs.10-15 each bundle).



Capacity Building Events:

To enhance the capacity and orientation of the community and the field teams, different programmes of trainings, meetings, etc. were conducted at the field level, following all the social distancing norms. The details of capacity building sessions are as below.

S. No.	Date	Place	Details of Programme	No. of participants
1.	12/10/2020	Aamliyaar	 Planning for soil-water conservation initiatives e.g. check dam, gully plugs, etc. 	48
			 Harvesting and distribution of grass fodder. 	
2.	28/12/2020	Kag Mandada	 Exposure visit of Gram Vikas Samooh, Bhopa Sagar for orientation protection and management of plantation site of common pastureland. 	26



Key Point Indicators - 4th Quarter:

S.N.	Key Project Indicators	Unit	2020		
			Achieved 1st-4th Quarter	Planning 1 th Quarter 2021	2020 Overall Target
1	Survey & site selection	Hectares	181	130	190
2	Area of sites protected	Hectares	181	-	190
3	Soil – water conservation work	Hectares	181	-	190
4	No. of saplings planted	Numbers	37,290	-	40,000
	No. of capacity building programmes conducted	Numbers	13	1	4

Plan for Jan-Mar 2021:

- ☐ Technical Survey and identification of new sites for next year plantation.
- □ Physical work at selected sites.
- ☐ Field trainings and regular meetings with local community, village groups, PRIs and field team on protection and management of the common pastureland /plantation sites.