V. K. PACK WELL PVT. LTD.

KANPUR, INDIA

Presented By: Parth Gupta

Latest Development in Agro Textile

* HDPE Laminated Woven Lay Flat Tube for Irrigation as per IS 16190 : 2014

*HDPE Laminated Woven Lay Flat Tube for use in main and submain of Drip Irrigation System

- BIS has awarded first license in India to V. K. Pack Well Pvt. Ltd. for HDPE Laminated Woven Lay Flat Tube for Irrigation on Year 2015 under CM/L 930002299

- Brand name is “V. K. Sarvottam”

- This innovative product become a land mark in the field of Irrigation and the farmers are much satisfied with this product due to its flexibility, durability, light in weight, utility for undulated land, cost effectiveness and long lasting life.
- It is also suitable to carry water up to a long distance.

HDPE Laminated Woven Lay Flat Tube

V. K. Pack Well Pvt. Ltd.

HDPE Laminated Woven Lay Flat Tube as per IS 16190 : 2014 is available in below mentioned sizes:

Sizes	Length
63mm	60 Meter
75mm	60 Meter
90mm	60 Meter
110mm	60 Meter
125mm	60 Meter
150mm	60 Meter
175mm	60 Meter
200mm	60 Meter

- On getting the overwhelmed response on HDPE Laminated Woven Lay Flat Tube for Irrigation from the farmers Company developed an other revolutionary product **HDPE Laminated Woven lay Flat Tube for use in main and sub main of Drip Irrigation System**

HDPE Laminated Woven Lay Flat Tube for use in main and submain of Drip Irrigation

V. K. Pack Well Pvt. Ltd.

HDPE Laminated Woven Lay Flat tube for use in main and submain of Drip Irrigation System

HDPE Laminated Woven Lay Flat Tube for use in main and submain of Drip Irrigation

V. K. Pack Well Pvt. Ltd.

- Drip Irrigation is having significant importance in agriculture. The company has introduced **HDPE Laminated Woven Lay Flat Tube for use in main and submain of Drip Irrigation System** which is an innovation in the field of Agriculture and 1st time in India. It is approx 70% cheaper than the HDPE hard pipes (nonfoldable). As Indian cultivators are having small earnings so this product is highly useful for Indian Agriculture.

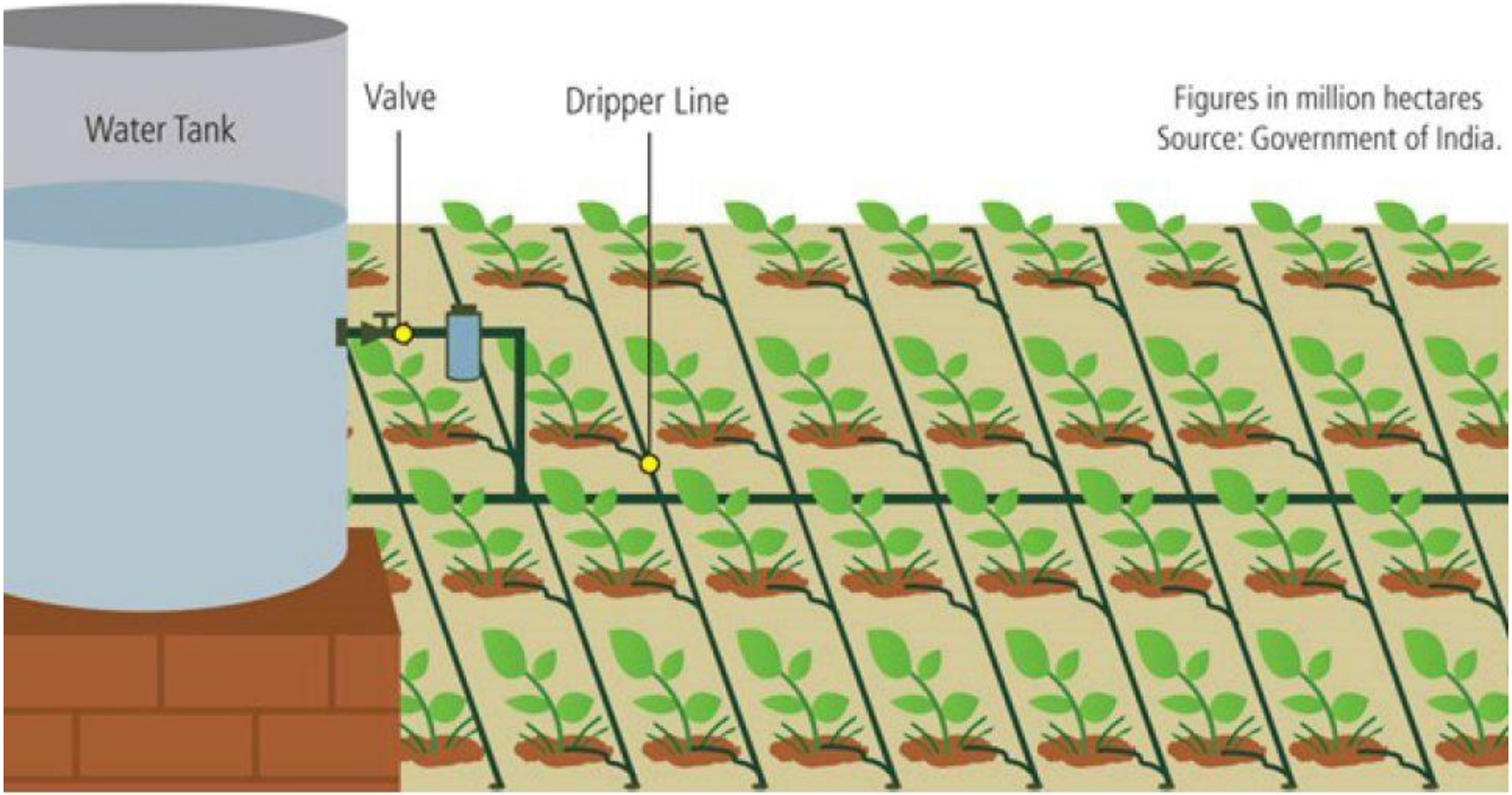
- These pipes are light in weight, having long life due to UV treatment and can be installed or dismantle at very low labour cost and attract a little time investment. This product will enhance the financial growth and agricultural yield of farmers. Our this innovative product is much suited for the tag line of *Pradhan Mantri Krishi Sinchai Yojna* **“PER DROP MORE CROP”**

Benefits:

- Low cost system, suitable for small and marginal farmers
- Evenly Suitable for under the ground or over the ground installation as per the need of farmer and crop
- Easy to install and dismantle
- Low labor cost in installation
- No transportation cost is required for 200 Meter system
- Light in weight due to made of Agro Textile Fabric
- Ideally suited for farmers with small land holding and undulated surfaces.
- Ideally suited for multi-cropping
- Can be stored in a small place

POTENTIAL FOR DRIP IRRIGATION IN INDIA

Total Area	Net Irrigated Area	Area under drip irrigation
328.78	57.11	Less than 1.114



Potential Area under Micro-Irrigation in India

Name of State	Drip (Area in th.ha)			Sprinkler (Area in th.ha)			Total (Area in th.ha)		
	Pot	Actual	% age	Pot	Actual	% age	Pot	Actual	% age
Andhra Pradesh	730	363.07	49.74	387	200.95	51.93	1117	564.02	50.49
Bihar	142	0.16	0.11	1708	0.21	0.01	1580	0.37	0.02
Chhatisgarh	22	3.65	16.59	189	59.27	31.36	211	62.92	29.82
Goa	10	0.76	7.60	1	0.33	33.00	11	1.09	9.91
Gujarat	1599	169.69	10.61	1679	136.28	8.12	3278	305.97	9.33
Haryana	398	7.14	1.79	1992	518.37	26.02	2390	525.51	21.99
Himachal Pradesh	14	0.12	0.86	101	0.58	0.57	115	0.70	0.61
Jharkhand	43	0.13	0.30	114	0.37	0.32	157	0.50	0.32
Karnataka	745	177.33	23.80	697	228.62	32.80	1442	405.95	28.15

Source: Exim Bank-Technological Interventions in Indian Agriculture for enhancement of crop productivity

Potential Area under Micro-Irrigation in India

Name of State	Drip (Area in th.ha)			Sprinkler (Area in th.ha)			Total (Area in th.ha)		
	Pot	Actual	% age	Pot	Actual	% age	Pot	Actual	% age
Kerala	179	14.12	7.89	35	2.52	7.20	214	16.64	7.78
Madhya Pradesh	1376	20.43	1.48	5015	117.69	2.35	6391	138.12	2.16
Maharashtra	1116	482.34	43.22	1598	214.67	13.43	2714	697.01	25.68
Nagaland	11	0	0.00	42	3.96	9.43	53	3.96	7.47
Orissa	157	3.63	2.31	62	23.47	37.85	219	27.10	12.37
Punjab	559	11.73	2.10	2819	10.51	0.37	3378	22.24	0.66
Rajasthan	727	17	2.34	4931	706.81	14.33	5658	723.81	12.79
Tamil Nadu	544	131.24	24.13	158	27.19	17.21	702	158.43	22.57
Uttar Pradesh	2207	10.68	0.48	8582	10.59	0.12	10789	21.27	0.20
West Bengal	952	0.15	0.022	280	150.03	53.58	1232	150.18	12.19
Others	128	15	11.72	188	30.00	15.96	316	45.00	14.24
Total	11659	1428.46	12.25	30578	2442.42	7.99	42237	3870.88	9.16

Source: Exim Bank-Technological Interventions in Indian Agriculture for enhancement of crop productivity


Thank You