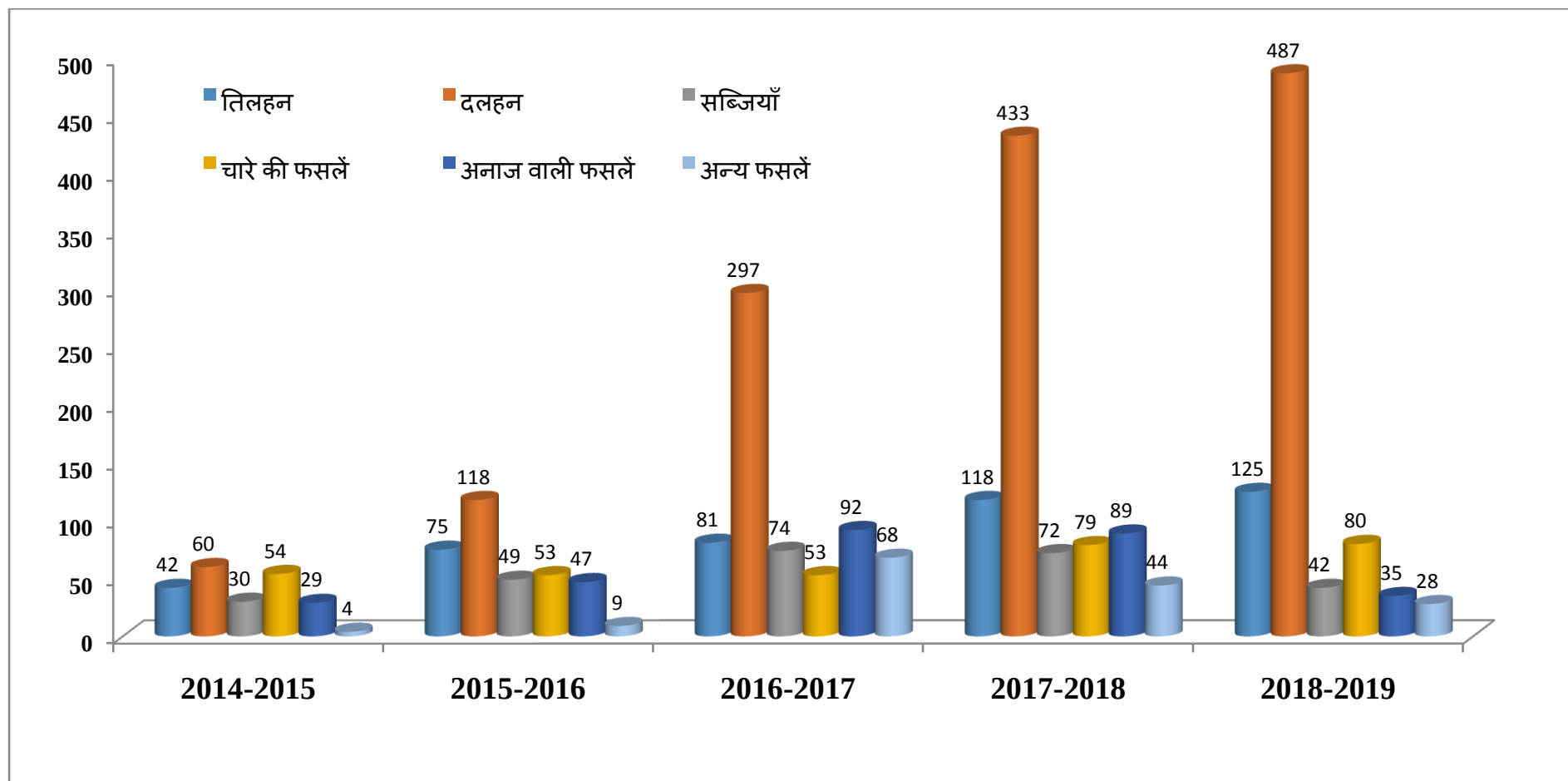


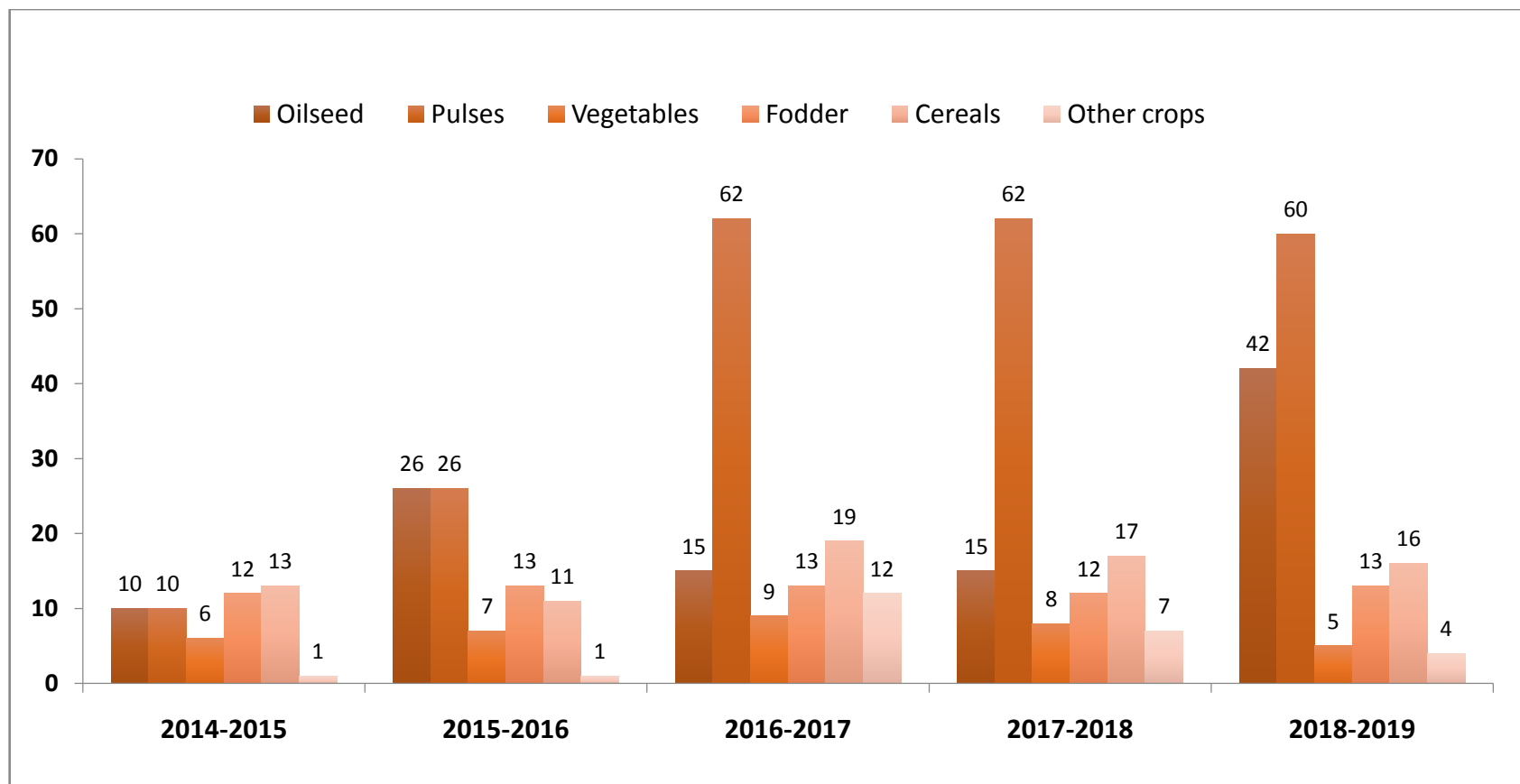
Front Line Demonstration

During last five years Krishi Vigyan Kendra (ICAR-Indian Institute of Sugarcane Research), Lucknow conducted 2867 front line demonstrations under 506 ha area in the Lucknow district. In which 441 demonstration of Oilseed in 108 ha., 1395 demonstration of pulses in 220 ha., 267 demonstration of vegetable in 35 ha., 319 demonstration of fodder crop in 63 ha., 292 demonstration of cereal crops in 76 ha. and 153 demonstration of other crops in 25 ha. area. In other enterprises 226 farmers established 190 different units.

Year	Oilseed		Pulses		Vegetable		Fodder		Cereals		Livestock		Other Enterprises		Other crops	
	No. of demo.	Area (ha.)	No. of demo.	No. of demo.	No. of demo.	No. of demo.	No. of demo.	No. of demo.	No. of demo.	No. of demo.	No. of farmers	No. of animals	No. of farmers	No. of units	No. of demo.	No. of demo.
2014-2015	42	10	60	10	30	6	54	12	29	13	0	0	32	8	4	1
2015-2016	75	26	118	26	49	7	53	13	47	11	1000	1000	19	7	9	1
2016-2017	81	15	297	62	74	9	53	13	92	19	0	0	55	55	68	12
2017-2018	118	15	433	62	72	8	79	12	89	17	1000	1000	75	75	44	7
2018-2019	125	42	487	60	42	05	80	13	35	16	550	2000	45	45	28	4
Total	441	108	1395	220	267	35	319	63	292	76	2550	4000	226	190	153	25



Number of Demonstration



Area covered under Front line Demonstration

Impact of FLD

Year	Crops	No. of FLD carried	Cultivable Area under Crop (in Hectare)		Productivity/Yield of the Crop (Per Hectare)	
			Before Dissemination of technology	After Dissemination of technology	Before Adoption of new technology	After Adoption of new technology
Crop Activities						
2011-12	Sesamum(JTS-08)	18	3	75	2.4	4.2
	Mustard(PJK)	23	6	150	15.2	24.5
	Field Pea(KPMR-522)	30	3	250	16.9	28
	Pegion Pea(NDA-1)	27	2	167	15.2	21.3
	Wheat(Zero tillage,K-307)	13	10	250	40.12	57
	Vegetable Pea(VRP-5,6)	13	0	50	52.8	104
	Potato(IPM)	10	5	150	265.5	295
	Sweet Sorghum(CSH-22SS)	33	5	120	380	596.8
	Barseem(BB-2,Egyptian Barseem)	62	3	130	401	500.8
	Sugarbeet(LS-06)	18	0	0.5	0	453
2012-13	Sesamum(JTS-08)	21	75	120	3.2	4.6
	Mustard(PJK)	23	150	250	17.8	26.5
	Field Pea(KPMR-522)	31	250	270	21	21.5
	Pegion Pea(NDA-2)	23	2	25	15.2	15.5
	Wheat(Zero tillage+ PBW-550)	25	250	300	43.6	53
	Paddy(Suruchi)	42	3	22	44.7	65
	Maize(PEHM-2)	24	1	2.5	32.9	45.5
	Vegetable Pea(VRP-06)	34	50	125	95	107.6
	Potato(IPM)	12	150	235	246	320
	Sweet Sorghum(CSH-22SS)	33	120	230	354.5	605
	Barseem(BB-2)	55	130	165	401.6	513
	Sugarbeet(LS-6)	28	0.5	1	4.3	0
	Perenial grass(Naipeyar,Dhawaloo)	15	0.5	3	653	850
2013-14	Sesamum(JTS-08)	18	120	160	3	4.1
	Mustard(Jagriti,IPM)	26	6	145	18.3	23.1
	Field Pea (Malviya-15)	43	270	330	21.5	27.34

	Pegion Pea(NDA-2,IPM)	21	25	35	15.5	22.89
	Wheat(Zero tillage+ PBW-550)	13	300	750	43.5	48.64
	Paddy(Suruchi+CSR-30)	27	22	75	45.5	72.94
	Vegetable Pea(Kashi Uday)	10	125	145	91.5	93.6
	Potato(IPM)	4	235	370	245.5	320.5
	Tomato(Himshikhar)	5	2	7	540.3	755.4
	Cauliflower(IPM)	11	2	12	175.6	230.8
	Brinjal(IPM)	6	2	7	520.6	664
	Bottle Gourd (IPM)	10	2	16	252.3	333.9
	Sweet Sorghum(CSH-22SS)	33	230	315	356.6	600.8
	Barseem(JB-146)	50	165	200	410.3	423.6
	Sugarbeet(LS-06)	30	1	1.25	410.5	520.6
	Perenial grass(Naipeyar,Dhawaloo)	15	3	5.5	645	874.6
2014-15	Sesamum(Pragati)	25	160	175	3.1	3.9
	Mustard(Ashirvad,IPM)	18	145	160	18.8	7.25
	Field Pea(KPMR522)	48	330	375	21.15	21.7
	Pegion Pea(NDA-2,IPM)	31	35	75	19.68	20.35
	Wheat(Zero tillage+ PBW-550)	17	750	850	69.35	41.35
	Paddy(PAC-801,IPM)	25	75	120	55.35	64.55
	Vegetable Pea(Kashi Uday)	10	145	175	61.5	75.6
	Potato (IPM)	3	370	425	245.5	319.35
	Tomato (Himshikhar,IPM)	5	158	230	546.3	670.35
	Cauliflower(IPM)	5	12	35	189.35	210.75
	Bottle Gourd (IPM)	10	16	50	256.5	298.6
	Sweet Sorghum((CSH 22SS)	16	315	345	455.3	607.34
	Barseem(JHB-146)	39	200	220	337.6	435.5
	Sugarbeet(LS-6)	10	1.25	2	410.3	453
	Perenial grass(Naipeyar,Dhawaloo)	15	5.5	10	635.7	850
2015-16	Sesamum(Pragati)	9	175	220	2.5	3.8
	Mustard(Shatabdi,IPM)	61	160	210	6.75	15.15
	Field Pea(Prakash)	106	375	405	19	17.25
	Pegion Pea(NDA-2)	12	75	125	17.65	20.35
	Wheat(Zero tillage+ HD-2967)	34	850	890	36.6	39.7
	Paddy(Arize 6644Gold&IPM)	27	120	1100	54.65	75.2

	Vegetable Pea(Kashi Uday)	29	425	450	60.3	69.9
	Potato(IPM)	9	425	670	273.55	311.2
	Tomato(ICM)	5	230	350	567.35	691.4
	Cauliflower(IPM)	5	35	65	190.75	207.85
	Brinjal(IPM)	5	2	8	513.75	587.6
	Bottle Gourd (IPM)	5	50	150	189.5	259.2
	Sweet Sorghum(CSH22SS)	16	345	365	463.9	607.34
	Barseem(JHB-146)	39	220	260	335.6	435.5
	Sugarbeet(LS-6)	10	2	2.5	410.5	453
	Perenial grass(Naipeyar,Dhawaloo)	15	10	12.5	636.7	850
2016-17	Sesamum(RT-346)	31	220	310	2.6	3.6
	Mustard(RGN-73,IPM)	50	210	320	10.75	22.3
	Field Pea(Prakash)	78	405	475	15	15.3
	Pegion Pea(NDA-2,IPM)	54	125	175	16.55	17.36
	Black gram(PU-31)	44	4	100	4.9	5.3
	Green Gram(IPM 2-3)	59	3	250	4.8	3.25
	Chick Pea(GNG-1581)	31	5	120	3.7	4.8
	Wheat(Zero tillage+ HD-2967)	34	890	2000	36.6	39.7
	Paddy(Pusa Basmati 1509,IPM)	58	1100	1580	58.9	74.5
	Vegetable Pea(Kashi Uday)	4	450	575	52.75	73.75
	Potato(IPM)	10	670	1250	230.7	312.2
	Tomato(Arka Rakshak)	10	350	525	589.7	688.85
	Marigold(Pusa Narangi)	10	1	12	147.5	197.3
	Mango(IPM)	15	3500	4000	89.3	130.9
	Onion(Agri Found Dark Red)	30	1	12	185.65	226.5
	Bottle Gourd (NSL-4)	10	150	175	275.65	254.9
	Broccoli(KTS-1)	10	1	12	49.7	54.06
	Sweet Sorghum(CSH22SS)	16	365	700	463.9	607.34
	Barseem(JHB-146)	39	260	315	335.6	435.5
	Sugarbeet(LS-6)	10	2.5	3	409.8	453
	Perenial grass(Naipeyar,Dhawaloo)	15	12.5	13.5	640	850
2017-18	Sesamum(RT-346)	31	310	350	2.6	3.4
	Mustard(RGN-73,IPM)	50	320	1150	18.7	14.8
	Field Pea(Prakash)	78	475	665	15	16.12

	Pegion Pea(NDA-2,IPM)	54	175	210	9.7	14.2
	Black gram(Azad Urd-3)	44	100	160	4.3	4.9
	Green Gram(IPM 2-3)	49	250	350	3.25	5.1
	Chick Pea(GNG1581)	90	120	190	9.4	17.9
	Wheat(HD 2967)	24	65000	70000	36.6	36.6
	Paddy(Pusa Basmati 1509,IPM)	58	1580	6700	69.6	73.8
	Vegetable Pea(Kashi Uday)	4	575	850	55.35	74.7
	Potato(IPM)	10	1250	1450	225.8	303.7
	Tomato(Arka Rakshak)	10	525	750	576.7	615.7
	Marigold(Pusa Narangi)	10	12	120	158.6	173.8
	Mango(IPM)	15	4000	7500	99	124.9
	Onion(ADR,ALR)	30	12	25	187.65	238.5
	Bottle Gourd (NSL-4,IPM)	15	175	325	210.3	225.7
	Broccoli(KTS-1)	10	12	20	44.3	112.1
	Sweet Sorghum(CSH 22SS)	16	700	750	463.9	625.3
	Barseem(JHB-146)	39	315	365	335.6	475.5
	Sugarbeet(LS-6)	10	3	3.5	414.8	453
	Perenial grass(Naipayar,Dhawaloo)	15	13.5	14	763	835
2018-19	Sesamum(RT-351)	67	350	1250	2.7	0
	Mustard(NRCHB 101,IPM	158	1150	2400	10.7	13.42
	Field Pea(IPFD 10-12)	138	665	750	15	22.1
	Lentil (PL-0)	94	10	25	11.8	18.5
	Black gram(PU-40)	67	160	235	3.6	0
	Green Gram(IPM 2-3)	63	350	450	3.6	0
	Chick Pea(GNG-15881)	125	190	250	9.4	15.24
	Wheat(HD-2967)	10	70000	75000	36.5	44.23
	Paddy(R 6451,IPM)	25	6700	10000	63.5	67.5
	Vegetable Pea(Kashi Uday)	4	850	950	62.5	64.7
	Potato(IPM)	10	1450	3500	237.5	310
	Red Cabbage(ICM)	8	1	2	219.1	275.1
	Mango(IPM)	28	7500	14	98.5	110.6
	Onion(ADR,ALR)	20	25	35	198.4	263.7
	Bottle Gourd (IPM)	10	325	450	214.6	255.1
	Broccoli(KTS-1)	10	20	25	95.7	54.06

	Sweet Sorghum(SS 8-4)	16	750	825	563.9	607.4
	Barseem(JHB146)	39	19	35	355.6	445.5
	Sugarbeet(LS-6)1	15	3.5	4	417.5	550
	Perenial grass(Naipeyar,Dhawaloo)	10	14	15	750.5	880
Non-Crop Activities						
Year	Type of Non – Crop Activities	No. of FLD carried	Productivity/Yield		Change in Income due to intervention of FLD	
			Before Adoption of new technology	After Adoption of new technology	Before Adoption of new technology	After Adoption of new technology
2013-14	Vaccination & Deworming	275	6.7lit/day	7.4lit/day	Rs234.5/day	Rs259/day
2014-15	Vaccination & Deworming	300	6.3lit./day	6.9lit/day	Rs234.0day	Rs270/day
2015-16	Vaccination & Deworming	300	6.5lit./day	7.2lit/day	Rs230.5/day	Rs245/day
2016-17	Vaccination & Deworming	310	5.8lit./day	7.4lit/day	Rs210.5/day	Rs265/day
	Value Additionof mango	30	70kg/unit	90kg/unit	Rs780/unit	Rs1030/unit
2017-18	Vaccination & Deworming	295	5.3/day	6.1lit/day	Rs210.0day	Rs240/day
	Value Additionof mango	30	85kg/unit	110kg/unit	Rs8500/unit	Rs11000/unit
2018-19	Vaccination & Deworming	275	6.9lit./day	7.8lit/day	Rs264.5/day	Rs295/day
	Pollen collection(Apiculture)	5	0	2.5 kg./box	0	Rs450/box
	Value Addition of mango	20	7.52kg	35.3kg	Rs1291/unit	Rs 852/unit
	Vermicompost	10	100 kg.	400 kg.	Rs1000	Rs4000
	Rug making	10	03 Bag/week	10 Bag/week	Rs600/week	Rs2000/week



Demonstration of Mustard at farmers Field



Demonstration of Sesamum at farmers Field



Demonstration of Pigeon pea & Field pea at farmers Field



Demonstration of Paddy at farmers Field



Evaluation of Wheat (Zero trillage) by Dr. A.K. Singh, Director, ATARI, Kanpur



Demonstration of Vegetable pea at farmers Field



Demonstration of Sugar beet at farmers Field