

List of Equipments in Working Condition at SKNCOA, Jobner

Department of Plant Pathology SKNCOA, Jobner

List of Equipments in Working Condition

S. No	Name of the Instrument	Quantity	Condition
1.	Autoclave Horizontal	01	Working
2.	Autoclave Vertical	02	Working
3.	BOD Incubator Digital Temperature control	05	Working
4.	Centrifuge	01	Working
5.	Chino Deep Freeze	01	Not-Working (repairable)
6.	Chino Micro processor based water and soil analysis Kit	01	Working (spar able)
7.	Colony Counter	01	Working
8.	Compound Microscope	06	Working
9.	Digital Camera	02	Working
10.	Distillation unit	02	Not working (Repairable)
11.	Electronic Balance Digital	01	Working
12.	Electronic Digital Temp Humidity Controller	02	Working
13.	Hot Air Oven	04	Working
14.	Incubator	01	Working
15.	Laminar Air Flow	02	Working (one spar able)
16.	LCD Projector	02	Working
17.	Mechanical Shaker	01	Working
18.	Microscope with Epi fluorescence (four filters) & with Photography assembly	01	Working
19.	Microwave Oven	01	Working
20.	Refrigerator	05	Working
21.	Spectrophotometer	01	Working
22.	Water Bath	02	Working
23.	Inverter cum UPS	02	Working

Department of Agronomy

SKN College of Agriculture, Jobner

S No	Instruments	Condition	Remarks
1	Seed counter	Not working	
2	Centrifugal machine	Not working	
3	pH meter (Old)	Not working	Share after repair
4	EC meter (Old)		Share after repair
5	Buret with stand (30)	Working	
6	Oven	Not working	
7	Balance	Working	
8	VU-Spectrophotometer (Old)	Not working	
9	Distilled water assembly (Old)	Not working	
10	Distilled water assembly	Working	
11	Soxhlet apparatus	Working	
12	Shaker (Old)	Not working	
13	Kjeldal Assembly	Not working	
14	BOD incubator	Working	
15	VU-Spectrophotometer (New)	Working	
16	Nitrogen analyser (Kjeldal) assembly (New)	Working	
17	Microwave digestion	Working	
18	Flame Photometer	Working	
19	Atomic absorption spectroscopy (AAS)	Working	
20	High precision balance	Working	
21	Electric balance	Working	
22	BOD incubator and shaker	Working	
23	Hot plate for digestion	Not working	
24	pH meter	Working	
25	EC meter	Working	

Department: Biochemistry



SKN COLLEGE OF AGRICULTURE

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Dr. G. K. Mittal
INCHARGE

S. N.	Name of Instrument/Equipment	Present condition (Working/repairable)
1.	Vortex Mixture	Working
2.	pH Meter Digital	Not Working/Repairable
3.	Centrifuge REMI	Working
4.	BOD Incubator	Working
5.	Water Bath Shaker	Working
6.	Digital Spectrophotometer, Type-106, Systronics	Not Working/ Repairable
7.	Rotary Shaker	Working
8.	Hot Air Oven, Digital Temp. Controller, Model- ICT	Working
9.	Top Pan Balance, Model BP-2100 S	Working
10.	Physical Balance	Not Working/Unserviceable
11.	Table Top Centrifuge	Working
12.	Refrigerated Centrifuge	Working
13.	Vertical Slab gel electrophoresis	Working
14.	Mono Pan Balance, Model HR-202	Working
15.	Digital pH Meter, Type 335	Not Working/Repairable
16.	Paper Chromatography Cabinate JSGW	Not Working/Repairable
17.	Double beam UV-Vis- Spectrophotometer	Working
18.	Water Bath, Tanco	Working
19.	Revolutionary Micro Processor Centrifuge with angle head	Working
20.	Cooling Microfuge with angle Head	Working
21.	Cooling Incubator	Working
22.	Deep freezer	Working
23.	Weighing Balance - BR Biochem	Working
24.	Hot Air Steriliser Biometra	Working
25.	Incubator Bacteriological	Working
26.	Mini Orbital Shaking Incubator, Vertical	Working
27.	Water Bath Rectangular, BIOMETRA	Working
28.	Cyclo-mixture	Working
29.	Micro Controlled Based Spectrophotometer	Working
30.	Micro Conductivity- meter, Digital	Working
31.	pH Meter, Digital	Working
32.	Refrigerator SHARP	Working
33.	Microwave Oven SHARP	Working
34.	Magnetic Starrier with Hot plate	Working

CENTRAL LAB (BIOCHEMISTRY)

LIST OF EQUIPMENT

S.NO.	NAME OF EQUIPMENT	WORKING/NON WORKING/SPARABLE
1	HPLC	WORKING
2	pH METER	WORKING
3	VERTEX SHAKER	WORKING
4	SONAR DIGITAL CONDUCTIVITY METER	WORKING
5	WATER STILL	WORKING
6	REFRIGRATER	WORKING
7	ELECTRIC BALANCE	WORKING
8	MICROWAVE OVEN	WORKING
9	DEEP FREZZE	WORKING
10	R.O.	WORKING
11	LAMINAR AIR FLO	WORKING
12	SPECTRO PHOTO METER	WORKING
13	BACTERIOLOGICAL INCUBATER	WORKING
14	REVOLUTINIORY MICRO CENTRIFUGE	WORKING
15	INCUBATRER (universiol)	WORKING
16	HOT AIR OVEN	WORKING
17	SEROLOGICAL WATER BATH	WORKING
18	CENTRIFUGE (HIGH SPEED)	WORKING
19	G.L.C.	NON WORKING
20	I.R.-7 (N2 CYLENDER)	EMPTY AVAILABLE
21	GEL DOC SYSTEM	WORKING
22	P.C.R. (tpersonal 2.0)	WORKING
23	ROTARY VACCUM EVOPRATOR	WORKING
24	AUTO CLAVE VERTICAL	WORKING
25	COLLING INCUBATER	WORKING
26	BALANCE	WORKING
27	VACCUM CLEANER	WORKING
28	WATER DISTILATION GLASS	WORKING
29	VERTICAL GEL ELECTROFORESIS (BIO RAD)	WORKING
30	P.C.R. (Gradent)	WORKING
31	ICE FLAKE MAKER	WORKING

DEPARTMENTO OF ENTOMOLOGY SKN COLLEGE OF AGRICULTURE JOBNER

List of Equipments			
S. NO.	NAME OF EQUIPMENTS	QUANTITY	CONDITION
1	High speed research centrifuge with handle	1	Working
2	Water bath double handle	1	Working

3	Power spray with accessory	1	Working
4	Oven	1	Working
5	Corcyra rearing cage	10 Nos	Working
6	Environment test chamber	1	Working
7	Laminar air flow	1	Working
8	Trinocular microscope	1	Working
9	Digital camera with microscope optical adaptor	1	Working
10	Lab. Counting electric balance	1	Working
11	Seed moisture meter	1	Working
12	Soxhlet extraction unit	1	Not working
13	Trinocular microscope	1	Working
14	Magus colour image	1	Working
15	BOD incubator with digital temperature	1	Working
16	Humidity environment test chamber	1	Working
17	Zoom digital camera	1	Working
18	Oxygen meter digital	1	Working
19	Digital sound level meter	1	Working
20	Electronic top pan balance	1	Working
21	Trino colour research microscope	1	Working
22	Hand rotary duster	3	Working
23	Macine bioch microscope (olympuss)	1 set	Working
24	Microscope bionocular research	1	Working
25	Olympus stereo microscope	1	Working
26	P ^H meter	1	Working
27	Sony LCD Multimedia projector	1	Working
28	Water distillation	1	Not working
29	Water softener	1	Working
30	Stereo research microscope	2	Working
31	Digital spactrophoto meter	1	Working
32	Electrophoreses with vertical tank	1	Not working
33	Microscope binocular with image analyzer	1	Working
34	Amplifier	1	Working
35	Electrophoreses power pack	1	Working
36	Interactive board	2	Working
37	Benq multimedia	2	Working



**DEPARTMENT OF
LIVESTOCK PRODUCTION MANAGEMENT
SKN COLLEGE OF AGRICULTURE (SKNAU) JOBNER**



List of equipments

S.No.	Name of equipments	Name of lab.	Status		
			Working	Non working	Not established
1.	Oven	LPM	Yes	No	No
2.	Gerber (Centrifuge machine)	LPM	Yes	No	No
3.	Cream separator	LPM	Yes	No	No
4.	Willy-mill intermediate (2)	LPM	Yes	No	No

5.	Muffle furnace (2)	LPM	Yes	No	No
6.	Laboratory autoclave	LPM	No	Yes	No
7.	Motor (crumpton) with wire	LPM	Yes	No	No
8.	Electronic balance	LPM	Yes	No	No
9.	Semi automatic milking parlor	LPM	No	No	Yes
10.	Milking machine	LPM	Yes	No	No
11.	Milk analyzer	LPM	No	No	Yes
12.	Cow brush	LPM	Yes	No	No
13.	BMC with 15 KVA DG Set	LPM	No	No	Yes
14.	Chicken Egg Incubator (Cap. 17000-18000) with Hatcher (Cap.-5000-6000) and Spare part kit(2)	LPM	Yes	No	No
15.	Automatic PC Compatible Fiber Estimation System.	LPM	Yes	No	No
16.	Weighing Machines (Analytical)	LPM	Yes	No	No
17.	Candler (2)	LPM	Yes	No	No
18.	Water cooler	LPM	Yes	No	No
19.	Automatic Nitrogen/ Protein Estimation System	LPM	No	Yes	No
20.	Double distillation water unit	LPM	Yes	No	No
21.	Water bath	LPM	Yes	No	No
22.	Auto clave	LPM	Yes	No	No

Department of Soil Science and Agriculture Chemistry
SKN COA, Jobner

List of equipments

S. N.	Name of equipment	Status
1	Flame photometer	In use
2	Spectrophotometer	In use
3	pH meter	In use
4	Electrical conductivity(EC) meter	In use
5	Nitrogen distillation Assembly	In use
6	AAS(Atomic Absorption Spectroscopy)	In use (AMC in process)
7	Distill water assembly	In use
8	Electric colony counter	In use
9	Inoculation chamber	In use

Department of Horticulture
SKN COA, Jobner

List of equipments

S. N.	Name of equipment	Status
1	Electronic Balance	Working
2	Spectrophotometer	Working
3	Oven	Working
4	Refrecto meter	Working
5	EC Meter	Working
6	Hot Plate	Working
7	Laminar Air Flow	Working & Sparable
8	BOD	Working & Sparable
9	Spectrophotometer	Not Working/Repairable
10	Centrifuge	Not Working/Repairable
11	Leaf Area Meter	Not Working/Repairable
12	Autoclave	Not Working/Repairable
13	Flame Photometer	Not Working/Repairable
15	Double Distillation Apparatus	Not Working/Repairable
16	Deep Freezer	Not Working/Repairable
17	Microscope	Not Working/Repairable
18	Magnetic Starrier	Not Working/Repairable
19	Water Bath	Not Working/Repairable
20	Single Pan Balance	Not Working/Repairable
21	Vortex Shaker	Not Working/Repairable

**DEPARTMENT OF PBG
SKNCOA, JOBNER**

S. No.	Name of Article/ Equipments	Qty.	Stock page no.	Present condition	
				Working	Non working
1	Autoclave vertical Make-Yorco	1	Per- 31	Working	
2	Cooler	1	Per- 36		Unserviceable
3	Inkjet Printer 840 C				Unserviceable
4	Automatic stabilizer 5 KVA Recd. Central store	1	Per- 40	Working	
5	Rotar Head	1	Per- 46	Working	
6	Hortizontal electrophoresis	1	Per- 47	Working	
7	Automix laboratory blender 'Remi'	1	Per- 73	Working	
6	Hot plate	1	Per- 74	Working	
7	Microscope Medical Research	1	Per- 96	Working	
8	Trinocular Microscope	1	Per- 114	Working	
9	KT 112 Willy Grinder	1	Per- 137	Working	
10	Multimedia Projector Optoma	1	Per- 146	Working	
11	Heat convertor	1	Per- 160	Working	
12	pH Meter	1	Per- 161	Working	
13	NSW-143 oven	1	Per- 162	Working	
14	Vertical Deep Freezer	1	Per- 163	Working	
15	Digital spectrophotometer	1	Per- 164	Working	
16	High Speed Research Centrifuge	1	Per- 165	Working	
17	Refrigerator 165 lit	2	Per- 169	Working	
18	Hot air oven Yoroko	1	ICAR-35	Working	
19	Portable weighing machine	1	ICAR-37	Working	
20	Electric balance 'Varansi'	1	ICAR-40	Working	
21	Keltron SPJ-1 Slide Projector	1	ICAR-43		Unserviceable
22	Laminar flow	1	ICAR-46	Working	
23	Over head projector	1	ICAR-48		Unserviceable
24	Seed Testing	1	ICAR-50	Working	
25	Projector Optoma	1	ICAR-51		Unserviceable
26	Autoclave vertical	1	ICAR-52		Unserviceable
27	Digital balance	1	ICAR-53		Unserviceable
28	Servo stabilizer	1	ICAR-57		Unserviceable
29	Microscopes	20	ICAR-58	Working	
30	Electrophoresis	1	ICAR-59	Working	
31	pH Meter	1	ICAR-61	Working	
32	Seed Counter	1	ICAR-63	Working	
33	Student Microscope	18	ICAR-64	Working	
34	Precision balance	1	ICAR-72		Unserviceable
35	Cyber scan economy bench pH Meter	1	ICAR-73	Working	
36	Soxhlet extraction	1	ICAR-74	Working	
37	Conductivity meter	1	ICAR-90	Working	
38	BOD Incubator	1	ICAR-97	Working	
39	Weighing scale	1	ICAR-107	Working	
40	Grain moisture meter	1	ICAR-120	Working	
41	Chlorophyll meter	1	ICAR-121	Working	

AICRP on Spices Scheme

S. No.	Name of Article/ Equipments	Qty.	Stock page no.	Present condition	
				Working	Unserviceable
				Working	Unserviceable
1	Top pan balance 10 gm cap.	1	5	Working	
2	CDR Micro Processor Research centrifuge	1	13	Working	
3	Microwave oven cap 30 lit.	1	16	Working	
4	Transilluminator 230 V	1	27		Unserviceable
5	Chino digital hot Airoven high temp	1	39	Working	
6	Camera digital sony	1	44	Working	
7	Crown biological research microscope with Trinocular head	1	45	Working	
8	Digital soil moisture	1	48	Working	
9	Seador desicators	4	50	Working	
10	Electric balance 16 kg	1	60		Unserviceable
11	pH Meter	1	63		Unserviceable
12	Plani meter for measuring	1	73		Unserviceable
13	Direct reading Conductivity meter	1	77		Unserviceable
14	Systronix pH meter	1	78		Unserviceable
15	Vacuum Rotary Evaporator (Bichi) type motor & stand quick action jack with t lit. flask	1	85		Unserviceable
16	Oil Sealted vacuum pump Double stage pump with welt guard exast	1	86		Unserviceable
17	Electrophoresis Appartus	1	92		Unserviceable
18	Microprocessor digital balance cap. 180 gm	1	96	Working	
19	Thin Layer chromatography apparatus (TLC)	1	100		Unserviceable
20	Vaccump Pump single stage	1	101		Unserviceable
21	Electric Generator Honda make	1	105		Unserviceable
22	Laminar Air Flow	1	113		Unserviceable
23	Auto clave	1	114		Unserviceable
24	Polani meter with sodium vapour lamp assembly	1	115		Unserviceable
25	Abb Refractro meter	1	116		Unserviceable
26	Mised bed Deionizer water	1	117		Unserviceable
27	Electric balance	1	118		Unserviceable
28	Volatile oil exbction unit 25 lit., 50 lit.	2	125	Working	
29	Seed Processing unit	1	132	Working	

Taramira Scheme

S.No.	Name of Article/ Equipments	Qty	Stock page no.	Present conditions	
				Working	Unserviceable
1.	Refrigerator 195 lit.	1	242	Working	
2.	Top pan balance-digital	1	230	Working	
3.	pH meter- digital	1	228	Working	
4.	Autoclave (Vertical)	1	226	Working	
5.	Room Heater Halogen	2	224	Working	
6.	Analytical Balance	1	186	Working	
7.	pH meter	1	182	Working	
8.	Top Pan balance plastic 1.0kg	1	164	Working	
9.	Single plant thresher	1	152	Working	
10.	Top pan balance (Electronic)	1	134	Working	
11.	Two pan balance (5kg)	1	120	Working	
12.	Foot sprayer complete	1	214		Unserviceable
13.	Spatula balance	1	208		Unserviceable
14.	Hand rotary duster	1	196		Unserviceable
15.	Acc seed storage cabinet	1	184		Unserviceable
16.	Measuring tap	1	168		Unserviceable

Tissue Culture Lab

S. No.	Name of Article/ Equipments	Qty	Stock page no.	Working	Non-Working
1.	Autoclave vertical	1	12	Working	
2.	RO	1	74	Working	
3.	Heating Mental -5lit.	3	31	Working- 2	Non-Working-1
4.	Tissue Culture Racks	8	32		
5.	Godrej Refrigerator	3	33	Working	
6.	Lawn Mower	1	36	Working	
7.	Hedge Kaichi	2	37	Working	
8.	DG set-30 Kv	1	115	Working	
9.	Videocon Refrigerator	1	112	Working	
10.	Digital Multifunctional Printer	2	110, 111	Working	
11.	Desktop Computer	2	106	Working	
12.	Culture Racks	8	104,28	Working	
13.	Bottle Washing Machine	1	102	Working	
14.	Hot Air Oven	1	101	Working	
15.	Microprocessor base pH meter	2	95	Working	
16.	Horizontal Laminar Air Flow	2	94	Working	
17.	Horizontal Autoclave	2	93	Working	
18.	Double Distillation Unit -5 lit.	1	92	Working	

Department of Plant Physiology
S.K.N. College of Agriculture, Jobner

List of instruments/ equipments

S. N.	Name of instruments/ equipments	Working	Not working	Spare for transfer
1	Hot air Oven	Working		
2	Water bath	Working		
3	Seed germinator	Working		
4	Digital balance (0.01 mg to 300 g)	Working		
5	Visible Spectro-photometer	Working		
6	Centrifuge machine	Working		
7	Magnetic stirrer	Working		
8	Auto clave (vertical)	Working		
9	Isolation chamber	Working		
10	Cyclo mixture	Working		
11	Oven		Not working	
12	Infra Red Gas Analyser		Not working	
13	Electronic balance (0.1 mg to 220 g)		Not working	
14	Microscope Binocular		Not working	
15	Microscope Monocular		Not working	
16	Digital EC meter		Not working	
17	Colori meter (photo electric)		Not working	
18	Seed moisture meter		Not working	
19	BOD		Not working	
20	Laminar (vertical)		Not working	
21	Oven (hot air)		Not working	
22	Hot Plate		Not working	
23	Flame photo-meter		Not working	
24	Electronic balance		Not working	
25	EC meter		Not working	
26	Spectro-photo meter		Not working	
27	pH meter		Not working	
28	Electronic balance		Not working	
29	Grinder		Not working	
30	Deep fridge		Not working	
31	Top-pan balance		Not working	
32	Cyclomix test tube shaker		Not working	
33	Electric oven		Not working	
34	BOD		Not working	
35	Refrigerator		Not working	
36	Refrigerated centrifuge		Not working	
37	Remi-Refrigerated centrifuge (high speed)		Not working	
38	Pressure chamber apparatus		Not working	
39	Portable leaf area meter		Not working	
40	Steady state poro-meter		Not working	
41	Quantum photo meter		Not working	
42	UV Visible spectro-photo meter		Not working	
43	Phychro meter		Not working	
44	Vapor pressure osmometer		Not working	

Department of Agriculture Engineering
S.K.N. College of Agriculture, Jobner

List of Working Equipment's

S.No.	Name of working equipment	Condition
1.	Aonla Shredding Machine	Working
2.	Aloe Vera Grinding Machine	Working
3.	Sorting & Grading Table (S.S Table)	Working
4.	Boiled Aonla Breaking Machine	Working
5.	Bottle Crown Corking Machine	Working
6.	Basket Press Machine	Working
7.	Tray Dryer	Working
8.	Solar Tunnel Dryer	Working
9.	Pouch Sealing Machine	Working
10.	Weighing Scale- Capacirty 30kg.	Working
11.	Solar Cabinet Dryer (Aluminum Tray-16) Size 11x5.6x2	Working
12.	TDS Meter	Working
13.	Conductivity Meter	Working
14.	Mixi Bajaj (Gx3)	Working
15.	Aonla Pricking Machine	Working
16.	Jacketed Steam Kettle	Working
17.	Steam Generate Boiler	Working