

Agronomy

Faculty Members:

1. Prof. Patil Pranavshingh R.
2. Prof. Karpe Ashwini H
3. Prof. Kaledhonkar P.

Agronomy Laboratories equipments and facilities

Agronomy a. Tools and Implements Total No. of Laboratories: 02

S. N.	Item	Quantity	S. N.	Item	Quantity
1	Seed samples	38	48	Rein	1
2	Wooden plough model	1	49	Head stall	1
3	Iron mould board plough model	1	50	Rope	1
4	Slit blade hoe model	1	51	Measuring tape	1
5	Entire blade hoe model	1	52	Marker	1
6	Harrow model	1	53	Weed species photo plates	10
7	Yoke Model	1	54	Digital flex charts	24
8	Indigenous seed drill model	1	55	Petri dish	8
9	Rain gauge-self recording	2	56	Akola hoe	1
10	Hair hygograph	1	57	Japanese hoe	1
11	Wind Vane with stand	1	58	plank	1
12	Robinsons cup anemometer	1	59	double ring infiltrometer	1
13	Chopper	6	60	Weighing balance	1
14	Non recording rainguage	1	61	Iron plough	1
15	Bimetallic thermograph	1	62	Deccan blade harrow	1
16	Measuring cylinder	1	63	Sara yantra	
17	Stevenson's screen	1	64	Ridger	1
18	USWB pan evapometer	1	65	Seed drill	1
19	Water current meter	1	66	Groundnut Sheller	2
20	Tensiometer	2	67	Sunflower thresher	2
21	Keen box	6	68	Onion grader	1
22	Bottle pycnometer	6	69	Swastika implement	1
23	Aluminium box	30	70	Peg tooth cultivator	1
24	Soil thermometer	2	71	Slit hoe	2
25	Drippers, end cap, grommet	1 each	72	Narayan hand hoe	1
26	Nozzles	2	73	Seed dressing drum	1
27	Micro tubes, sphagetti	4	74	Stubble remover	1
28	Laterals, joiner	1 each	75	Duster	1
29	Screw auger	1	76	Spray pump	1
30	Stakes	1	77	Maruti pump	1
31	Thermostat oven	1	78	Neem powder machine	1
32	Sprinkler with riser	1	79	Disc harrow	1
33	Hammer	1	80	Sugarcane planter	1
34	Orifice	1	81	Sugarcane cultivator	1
35	90° V notch	1	82	Rotavator	1
36	Rectangular weir	1	83	Tractor & accessory implements	2
37	Pharshalle flume	1	84	Power tiller	1

38	Weeding hooks	20	85	Weighing balance (100 kg)	1
39	Sickle	4	86	Weighing balance (5 kg)	1
40	Spade	6	87	Iron basket	6
41	Pick axe	6	88	Axe	1
42	Kudali	2	89	Watering can	4
43	Crow bar	1	90	Hot water treatment unit	1
44	Iron basket	5	91	Freeze	1
45	Whip	1	92	Stove	1
46	Nose string	1	93	Max,min,Dry,wet bulb thermometer	4
47	Mouthgag	2			

b. Consumable material being used

Sr. No.	Item	Sr. No.	Item
1	Vermicompost	15	Confidor (100 ml.)
2	Micronutrient Micnelf	16	Hostathion (100 ml.)
3	Copper Sulphate	17	Borax
4	Carbendazim	18	chloropyrihos 20EC
5	Diathane M-45	19	Nuvan
6	Diathane Z-78	20	Dimethoate
7	Folidol	21	Monocrotophos
8	Urea	22	Chloropyrihos 50EC
9	19:19:19	23	Atrataf
10	S.S.P.	24	Round-up
11	M.O.P.	25	Gramoxone
12	D.A.P.	26	Thimet
13	Planofix (100 ml.)	27	Sulpher
14	Bavistin (500 ml.)	28	15:15:15

C. Teaching Aids Used	D. Agronomical crops
* Rolling boards	* Sugarcane
* Charts and Maps	* Sunflower
* Photographs	* Sorghum
* L.C.D. Slide Projector	* Safflower
* Video C.D.	* Lucerne
* Live samples	* Wheat
* Black board and chalk	* Gram
* Over head projector (OHP)	* Lentil
* Models	

E. Study Tours Organized

- * Visit to shendage's dairy farm, sarade
- * Visit to Sangvi for farming system survey
- * Visit to Organic farm, Ravangaon
- * Participation for International conference at Mysore.
- * Jaggary preparation unit, Pandare
- * Visit to aagarkar research station, Hol
- * Visit to seed testing laboratory, shivaji nagar, Pune
- * Visit to Amer seeds, Phaltan
- * Visit to Sakurde to study the watershed development activities.