ZOOLOGY DEPARTMENT

PROJECT REPORT B.Sc-3rd year

SESSION 2023-2024

NAME OF THE PROJECT: Project report on Life cycle of stored Grain insect pest.

OBJECTIVE: To enhance the research aptitude and scientific skills

No. OF STUDENTS PARTICIPATED: 46

METHODOLOGY: Students observed life cycle of stored grain pests by observing following stages i.e Eggs, Larvae, Pupae & Adults and information was extracted from raw data.

KEY OUTCOMES OF THE PROJECT: Students observed that stored grain insect pests causes significant damage to the grains both directly by feeding on them and indirectly by contaminating the with their faeces and other waste products. Students also studied that integrated pest management is environmentally friendly method.

Written project files have been submitted by students to the Departmental Library.

I Men Krian Cupta 2. (DR. MADNUT VASHISHTH

Teacher Incharge Head of

Mer Kiean Coupta Head of the Dept.

Principal Pri

Principal, Govt. College for Girls LUDHIANA.

Govt. College for Girls Ludhiana

Class: BSc 5th SEM

Paper Code: ZOO-502B

TEACHER INCHARGE DR. MADHVI VASHISHTH

Session: 2023-24

Sr. No.	Roll No.	Name	Project Name	Duration	Dates
			Life cycle of stored Grain		
,	401	Aarti Malhotra	Insect Pest		Gt. to Nov. 2022
1			110	Three Months	Sept to Nov 2023
2	402	Aditi	Life cycle of stored Grain	m, 36 d	G 4 - N 2022
			Insect Pest	Three Months	Sept to Nov 2023
3	403	Amanpreet Kaur	Life cycle of stored Grain	TIL Mandha	Sout to Nov 2022
			Insect Pest	Three Months	Sept to Nov 2023
4	404	Anupreet Kaur	Life cycle of stored Grain	Thurs Months	Sept to Nov 2023
_			Insect Pest	Three Months	Sept to Nov 2023
5	406	Baljit Kaur	Life cycle of stored Grain	Three Months	Sept to Nov 2023
6	407	Charu Aggarwal	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain Insect Pest	Three Months	Sept to Nov 2023
7		Darakshan Jabeen	Life cycle of stored Grain	Timee Months	Sept to Nov 2025
	408		Insect Pest	Three Months	Sept to Nov 2023
8		Deepali Pandey Geetika Makhen	Life cycle of stored Grain	Timee Months	Sept 10 1407 2025
	409		Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain	Timee Months	Sopt to Nov 2025
9	410		Insect Pest	Three Months	Sept to Nov 2023
	412	Gurleen Kaur	Life cycle of stored Grain	Timee Months	Sopt to Nov 2025
10			Insect Pest	Three Months	Sept to Nov 2023
11	413	Gurleen Kaur	Life cycle of stored Grain		Sept to 140 / 2025
			Insect Pest	Three Months	Sept to Nov 2023
12	414	Harkomal Kaur	Life cycle of stored Grain		
			Insect Pest	Three Months	Sept to Nov 2023
	415	Harmandeep	Life cycle of stored Grain		1
13			Insect Pest	Three Months	Sept to Nov 2023
	416	Harpreet Kaur	Life cycle of stored Grain		•
14			Insect Pest	Three Months	Sept to Nov 2023
	417	Harsimran Kaur	Life cycle of stored Grain		_
15			Insect Pest	Three Months	Sept to Nov 2023
	418	Himanshi Verma	Life cycle of stored Grain		
16			Insect Pest	Three Months	Sept to Nov 2023
1	419	Insha	Life cycle of stored Grain		
17			Insect Pest	Three Months	Sept to Nov 2023
10	420	Isha Sharma	Life cycle of stored Grain		
18			Insect Pest	Three Months	Sept to Nov 2023
19	421	lmraazpreet Kaur	Life cycle of stored Grain		
			Insect Pest	Three Months	Sept to Nov 2023
20	422 J	Jasleen Kaur	Life cycle of stored Grain		1 22231 2023
			Insect Pest	Three Months	Sept to Nov 2023
21	423 J	asleen Kaur	Life cycle of stored Grain		F 10 1101 2023
			Insect Pest	Three Months	Sept to Nov 2023
22	424 J	asmeet Kaur	Life cycle of stored Grain		
22	- 1		Insect Pest	Three Months	Sept to Nov 2023

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	425		Life cycle of stored Grain		2021
23	425	Jasmeet Kaur	Insect Pest	Three Months	Sept to Nov 2023
	426		Life cycle of stored Grain		
24	426	Karamjeet Kaur	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain		
25	427	Kirandeep kaur	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain		
26	428	Kittu Nottey	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain		
27	429	Kripa Verma	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain		
28	430	Lalita	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain		
29	431	Mehfuza Ali	Insect Pest	Three Months	Sept to Nov 2023
		+	Life cycle of stored Grain	700	
30	433	Manmeet Kaur	Insect Pest	Three Months	Sept to Nov 2023
30			Life cycle of stored Grain	Timee Western	
31	434	Manpreet Kaur	Insect Pest	Three Months	Sept to Nov 2023
31			Life cycle of stored Grain	Timee Western	Sop. II
32	435	Mehak	Insect Pest	Three Months	Sept to Nov 2023
32		+	Life cycle of stored Grain	Timee Wonding	Sopr to the
33	436	Mehak	Insect Pest	Three Months	Sept to Nov 2023
33		-	Life cycle of stored Grain	Timee Mondis	Sept to the Land
34	437	Muskan	Insect Pest	Three Months	Sept to Nov 2023
34			Life cycle of stored Grain	Timee Worting	Sope to Nov 2025
35	438	Muskan Gupta	Insect Pest	Three Months	Sept to Nov 2023
33			Life cycle of stored Grain	Till CC 1410Httl3	Sept to Nov 2025
36	439	Naaz Bhatti	Insect Pest	Three Months	Sept to Nov 2023
- 50			Life cycle of stored Grain	Timee Worting	Sept to 1107 2025
37	440	Navneet Kaur	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain	Timee Working	Sopt to 1107 2025
38	442	Pawandeep Kaur	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain	·	Sept to 1107 2025
39	446	Sehajpreet Kaur	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain	Tince Mondis	50pt to 1107 2023
40	447	Samisthi	Insect Pest	Three Months	Sept to Nov 2023
	4		Life cycle of stored Grain	1 m vo mondis	30pt to 1107 2025
41	449	Sehaj Madaan	Insect Pest	Three Months	Sept to Nov 2023
	4		Life cycle of stored Grain	Time Williams	50pt to 110 V 2023
42	450	Shivani Patnayak	Insect Pest	Three Months	Sept to Nov 2023
			Life cycle of stored Grain	1	55pt to 1107 2023
43	452	Simarpreet Kaur	Insect Pest	Three Months	Sept to Nov 2023
	4	Sukhmanpreet	Life cycle of stored Grain		50pt to 1404 2023
44	458	Kaur	Insect Pest	Three Months	Sent to Nov. 2022
			Life cycle of stored Grain	Times Months	Sept to Nov 2023
45	465	Yakhini Jain	Insect Pest	Three Months	Sont to Nov. 2022
			Life cycle of stored Grain	Timee Monuis	Sept to Nov 2023
46	466	Amanpreet Kaur	Insect Pest	Three Months	0
				Timee ivionins	Sept to Nov 2023

Mornishs (Dr. Madhin Vashishis) Kett. Pergessor Zoology.

