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Lampiran

Tabel Lampiran 1. Rata-rata populasi arthropoda pada setiap pelakuan

Ordo	Family	Genus	Rata-rata populasi arthropoda (individu) pada				total
			P1	P2	P3	P4	
Araneae	Araneidae	<i>Araneus Inustus</i>	26.16	45.28	27.83	22.5	121.77
jumlah							121.77
Coleoptera	Carabidae	<i>Carabus nemoralis</i>	14.25	0	11	10	35.25
	Cerambycidae	<i>Cerambycidae</i>	16.75	16	12	7	51.75
	Coccinellidae	<i>Hippodamia variegata</i>	15	15.22	10.57	6,75	40.79
	Chrysomelidae	<i>Aulacophora femoralis</i>	11	0	0	0	11.00
	Staphylinidae	<i>Paederus littoralis</i>	11	10.66	10.5	10	42.16
jumlah							180.9
Diptera	Agromyzidae	<i>Liorymiza sp</i>	2.25	0	0	0	2.25
	Muscidae	<i>Atherigona exigua</i>	0	0	1.66	0	1.66
	Tephritidae	<i>Dacus cucurbitae coq</i>	6	0	15	3	24
jumlah							27.9
Hemiptera	Alydidae	<i>Leptocoris oratorius</i>	3.75	0	3.57	5.5	12.82
		<i>Riptortus linearis</i>	0	7.71	0	0	7.71
	Delphacidae	<i>Nilaparvata lugens</i>	7	3.5	5.71	2.5	18.71
	Flatidae	<i>Siphanta acuta</i>	7	6.5	3.25	1.5	18.25
	Pentatomidae	<i>Nezara viridula</i>	5	0	1	2	8

jumlah							65.5
Homoptera	Aphididae	<i>Aphis Gossypii glover</i>	17.5	20.66	10	6	54.16
		<i>Aphis craccivora</i>	83	0	0	6	89
jumlah							143.2
Hymenoptera	Eulophidae	<i>Tetrastichus schoenobii</i>	7	14	6	0	27
	Formicidae	<i>Campotunus Sp</i>	77	135	48	65.66	325.66
	Scelionidae	<i>Telemonus rowani</i>	2	3.5	7	1	13.5
	Trichogrammatidae	<i>Tricogramma sp</i>	8.16	9.25	9.2	4.57	31.18
jumlah							397.34
Lepidoptera	Noctuidae	<i>Spodoptera litura</i>	4.75	0	0	0	4.75
		<i>Agrotis ipsilon</i>	2	6	1	0	9
		<i>Scirpophaga inotata</i>	0	6.12	1.33	2.25	9.7
	Crambidae	<i>Ostrinia funacalis</i>	0	0	3	0	3
		<i>Maruca testualis</i>	0	8.5	0	0	8.5
	Pyralidae	<i>Lamprosema indicata</i>	0	8.33	0	0	8.33
jumlah							43.28
Odonata	Coenagrionidae	<i>Ischnura senegalensis</i>	3.8	8.5	4.2	2.5	19
	Libellulidae	<i>Pantala flavescens</i>	0	0	3.66	2.5	6.16
jumlah							25.16
Orthoptera	Acrididae	<i>Oxya japonica</i>	3.5	7.16	3.83	0	14.49
		<i>Caelifera</i>	0	0	2.5	0	2.5
	Gryllidae	<i>Gryllus mitratus</i>	3	11.5	0	0	14.5
	Mantiniidae	<i>Mantis religiosa</i>	0	3.33	3	0	6.33
jumlah							37.82

Tabel Lampiran 2. Populasi parasitoid pada perlakuan bunga *Zinnia* + Timun

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P1	Jaring	1	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	10
P1	Jaring	1	Scelionidae	Hymenoptera	<i>Telenomus rowani</i>	2
P1	Pitt fall	1	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	2
P1	Jaring	2	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	10
P1	Jaring	2	Scelionidae	Hymenoptera	<i>Telenomus rowani</i>	9
P1	Jaring	2	Eulophidae	Hymenoptera	<i>Tetrastichus schoenobii</i>	7
P1	Pitt fall	2	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	4
P1	Jaring	3	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	21
P1	Pitt fall	3	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	2

Tabel Lampiran 3. Populasi predator pada perlakuan bunga *Zinnia* + Timun

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P1	Jaring	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	17
P1	Jaring	1	Calopterygidae	Odonata	<i>Ischnura senegalensis</i>	5
P1	Langsung	1	Araneidae	Araneae	<i>Araneus Inustus</i>	23
P1	Langsung	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	31
P1	Langsung	1	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	9
P1	Langsung	1	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	2
P1	Langsung	1	Calopterygidae	Odonata	<i>Ischnura senegalensis</i>	3
P1	Pitt fall	1	Formicidae	Hymenoptera	<i>Campotunus Sp</i>	77
P1	Pitt fall	1	Araneidae	Araneae	<i>Araneus Inustus</i>	11
P1	Pitt fall	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	9
P1	Pitt fall	1	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	19
P1	Pitt fall	1	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	17
P1	Jaring	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	17
P1	Langsung	2	Araneidae	Araneae	<i>Araneus Inustus</i>	20
P1	Langsung	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	14
P1	Langsung	2	Calopterygidae	Odonata	<i>Ischnura senegalensis</i>	2

P1	Pitt fall	2	Formicidae	Hymenoptera	<i>Campotunus Sp</i>	59
P1	Pitt fall	2	Araneidae	Araneae	<i>Araneus Inustus</i>	29
P1	Pitt fall	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	3
P1	Pitt fall	2	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	11
P1	Pitt fall	2	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	16
P1	Jaring	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	15
P1	Jaring	3	Calopterygidae	Odonata	<i>Ischnura senegalensis</i>	3
P1	Langsung	3	Araneidae	Araneae	<i>Araneus inustus</i>	43
P1	Langsung	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	22
P1	Langsung	3	Calopterygidae	Odonata	<i>Ischnura senegalensis</i>	6
P1	Langsung	3	Gryllidae	Orthoptera	<i>Gryllus mitratus</i>	2
P1	Pitt fall	3	Formicidae	Hymenoptera	<i>Campotunus sp</i>	58
P1	Pitt fall	3	Araneidae	Araneae	<i>Araneus inustus</i>	31
P1	Pitt fall	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	7
P1	Pitt fall	3	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	5
P1	Pitt fall	3	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	22
P1	Pitt fall	3	Gryllidae	Orthoptera	<i>Gryllus mitratus</i>	4

Tabel Lampiran 4. Populasi parasitoid pada perlakuan bunga *Zinnia* + Timun

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P1	Jaring	1	Agromyzidae	Diptera	<i>Liorymiza sp</i>	1
P1	Jaring	1	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	3
P1	Jaring	1	Tephtiridae	Diptera	<i>Dacus cucurbitae coq</i>	4
P1	Jaring	1	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	5
P1	Jaring	1	Acrididae	Orthoptera	<i>Oxya japonica</i>	1
P1	Jaring	1	Chrysomelidae	Coleoptera	<i>Aulacophora femoralis</i>	7
P1	Jaring	1	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	4
P1	Langsung	1	Gryllotalpidae	Orthoptera	<i>Gryllotalpa brachyptera</i>	2
P1	Langsung	1	Aphididae	Homoptera	<i>Aphis Gossypii glover</i>	6
P1	Langsung	1	Tephtiridae	Diptera	<i>Dacus cucurbitae coq</i>	4
P1	Langsung	1	Acrididae	Orthoptera	<i>Oxya japonica</i>	6
P1	Langsung	1	Chrysomelidae	Coleoptera	<i>Aulacophora femoralis</i>	17
P1	Langsung	1	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	5
P1	Pitt fall	1	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	14
P1	Pitt fall	1	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	2
P1	Pitt fall	1	Agromyzidae	Diptera	<i>Liriomyza brazicae</i>	3

P1	Pitt fall	1	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	7
P1	Pitt fall	1	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	20
P1	Pitt fall	1	Gryllotalpidae	Orthoptera	<i>Gryllotalpa brachyptera</i>	5
P1	Pitt fall	1	Aphididae	Homoptera	<i>Aphis Gossypii cover</i>	5
P1	Pitt fall	1	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	3
P1	Pitt fall	1	Chrysomelidae	Coleoptera	<i>Aulacophora femoralis</i>	6
P1	Jaring	2	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	9
P1	Jaring	2	Tephtiridae	Diptera	<i>Dacus cucurbitae coq</i>	7
P1	Jaring	2	Chrysomelidae	Coleoptera	<i>Aulacophora femoralis</i>	6
P1	Jaring	2	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	4
P1	Jaring	2	Flatidae	Hemiptera	<i>Siphanta acuta</i>	9
P1	Langsung	2	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	7
P1	Langsung	2	Tephtiridae	Diptera	<i>Dacus cucurbitae coq</i>	10
P1	Langsung	2	Chrysomelidae	Coleoptera	<i>Aulacophora femoralis</i>	11
P1	Pitt fall	2	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	13
P1	Pitt fall	2	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	6
P1	Pitt fall	2	Agromyzidae	Diptera	<i>Liriomyza brazicae</i>	2
P1	Pitt fall	2	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	10

P1	Pitt fall	2	Aphididae	Homoptera	<i>aphis gossipy glover</i>	51
P1	Pitt fall	2	Tephtiridae	Diptera	<i>Dacus cucurbitae coq</i>	2
P1	Pitt fall	2	Chrysomelidae	Coleoptera	<i>Aulacophora femoralis</i>	5
P1	Pitt fall	2	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	2
P1	Pitt fall	2	Flatidae	Hemiptera	<i>Siphanta acuta</i>	5
P1	Pitt fall	2	Noctuidae	Lepidoptera	<i>Agrotis ipsilon</i>	2
P1	Jaring	3	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	6
P1	Jaring	3	Tephtiridae	Diptera	<i>Dacus cucurbitae coq</i>	1
P1	Jaring	3	Chrysomelidae	Coleoptera	<i>Aulacophora femoralis</i>	19
P1	Langsung	3	Agromyzidae	Diptera	<i>Liriomyza brazicae</i>	3
P1	Langsung	3	Tephtiridae	Diptera	<i>Dacus cucurbitae coq</i>	17
P1	Langsung	3	Chrysomelidae	Coleoptera	<i>Aulacophora femoralis</i>	19
P1	Langsung	3	Pentatomidae	Hemiptera	<i>Nezara viridula</i>	5
P1	Pitt fall	3	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	20
P1	Pitt fall	3	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	4
P1	Pitt fall	3	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	13
P1	Pitt fall	3	Gryllotalpidae	Orthoptera	<i>Gryllotalpa brachyptera</i>	2
P1	Pitt fall	3	Aphididae	Homoptera	<i>Aphis gossipy glover</i>	8

P1	Pitt fall	3	Tephtridae	Diptera	<i>Dacus cucurbitae coq</i>	3
P1	Pitt fall	3	Chrysomelidae	Coleoptera	<i>Aulacophora femoralis</i>	9
P1	Pitt fall	3	Aphididae	Homoptera	<i>Aphis craccivora</i>	83

Tabel Lampiran 5. Populasi parasitoid pada perlakuan bunga *Zinnia* + Kacang panjang

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P2	Jaring	1	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	19
P2	Jaring	1	Eulophidae	Hymenoptera	<i>Tetrastichus schoenobii</i>	24
P2	Langsung	1	Eulophidae	Hymenoptera	<i>Tetrastichus schoenobii</i>	9
P2	Jaring	2	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	14
P2	Jaring	2	Eulophidae	Hymenoptera	<i>Tetrastichus schoenobii</i>	9
P2	Jaring	2	Scelionidae	Hymenoptera	<i>Telenomus rowani</i>	4
P2	Pitt fall	2	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	4
P2	Jaring	3	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	13
P2	Jaring	3	Eulophidae	Hymenoptera	<i>Tetrastichus schoenobii</i>	10
P2	Jaring	3	Scelionidae	Hymenoptera	<i>Telenomus rowani</i>	3
P2	Langsung	3	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	6
P2	Pitt fall	3	Scelionidae	Hymenoptera	<i>Tetrastichus schoenobii</i>	2

Tabel Lampiran 6. Populasi predator pada perlakuan bunga *Zinnia* + Kacang panjang

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P2	Jaring	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	16
P2	Jaring	1	Mantinidae	Orthoptera	<i>Mantis religiosa</i>	2
P2	Jaring	1	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	6
P2	Langsung	1	Araneidae	Araneae	<i>Araneus Inustus</i>	52
P2	Langsung	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	19
P2	Langsung	1	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	6
P2	Langsung	1	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	15
P2	Langsung	1	Gryllidae	Orthoptera	<i>teleogryllus mitratus</i>	5
P2	Pitt fall	1	Araneidae	Araneae	<i>Araneus Inustus</i>	39
P2	Pitt fall	1	Cerambicidae	Hemiptera	<i>Cerambicidae</i>	23
P2	Pitt fall	1	Formicidae	Hymenoptera	<i>Campotunus Sp</i>	116
P2	Pitt fall	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	9
P2	Pitt fall	1	Staphylinidae	Hymenoptera	<i>Paederus littoralis</i>	35
P2	Pitt fall	1	Gryllidae	Orthoptera	<i>Teleogryllus mitratus</i>	8
P2	Jaring	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	21
P2	Jaring	2	Mantinidae	Orthoptera	<i>Mantis religiosa</i>	3

P2	Jaring	2	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	3
P2	Jaring	2	Gryllidae	Orthoptera	<i>Teleogryllus mitratus</i>	23
P2	Langsung	2	Araneidae	Araneae	<i>Araneus Inustus</i>	46
P2	Langsung	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	32
P2	Langsung	2	Staphylinidae	Hymenoptera	<i>Paederus littoralis</i>	12
P2	Langsung	2	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	13
P2	Pitt fall	2	Araneidae	Araneae	<i>Araneus Inustus</i>	61
P2	Pitt fall	2	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	26
P2	Pitt fall	2	Formicidae	Hymenoptera	<i>Campotunus Sp</i>	117
P2	Pitt fall	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	7
P2	Pitt fall	2	Staphylinidae	Hymenoptera	<i>Paederus littoralis</i>	34
P2	Jaring	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	7
P2	Jaring	3	Mantinidae	Orthoptera	<i>Mantis religiosa</i>	5
P2	Jaring	3	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	7
P2	Langsung	3	Araneidae	Araneae	<i>Araneus inustus</i>	62
P2	Langsung	3	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	5
P2	Langsung	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	21
P2	Langsung	3	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	7
P2	Langsung	3	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	7

P2	Langsung	3	Gryllidae	Araneae	<i>Teleogryllus mitratus</i>	3
P2	Pitt fall	3	Araneidae	Araneae	<i>Araneus inustus</i>	54
P2	Pitt fall	3	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	17
P2	Pitt fall	3	Formicidae	Hymenoptera	<i>Campotunus sp</i>	172
P2	Pitt fall	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	5
P2	Pitt fall	3	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	19
P2	Pitt fall	3	Gryllidae	Orthoptera	<i>Teleogryllus mitratus</i>	10

Tabel Lampiran 7. Populasi hama pada perlakuan bunga *Zinnia* + Kacang panjang

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P2	Jaring	1	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	7
P2	Jaring	1	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	2
P2	Jaring	1	Alydidae	Hemiptera	<i>Riptortus linearis</i>	5
P2	Langsung	1	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	8
P2	Langsung	1	Acrididae	Orthoptera	<i>Oxya japonica</i>	8
P2	Langsung	1	Pyrilidae	Lepidoptera	<i>Lamprosema indicata</i>	13
P2	Langsung	1	Alydidae	Hemiptera	<i>Riptortus linearis</i>	11
P2	Langsung	1	Aphididae	Homoptera	<i>aphis craccivora</i>	39
P2	Pitt fall	1	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	3

P2	Pitt fall	1	Acrididae	Orthoptera	<i>Oxya japonica</i>	4
P2	Pitt fall	1	Pyralidae	Lepidoptera	<i>Lamprosema indicata</i>	3
P2	Jaring	2	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	5
P2	Jaring	2	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	2
P2	Jaring	2	Alydidae	Hemiptera	<i>Riptortus linearis</i>	4
P2	Jaring	2	Flatidae	Hemiptera	<i>Siphanta acuta</i>	12
P2	Jaring	2	Crambidae	Lepidoptera	<i>Maruca testualis</i>	3
P2	Langsung	2	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	9
P2	Langsung	2	Acrididae	Orthoptera	<i>Oxya japonica</i>	5
P2	Langsung	2	Pyralidae	Lepidoptera	<i>Lamprosema indicata</i>	12
P2	Langsung	2	Alydidae	Hemiptera	<i>Riptortus Linearis</i>	17
P2	Langsung	2	Noctuidae	Lepidoptera	<i>Agrotis ipsilon</i>	6
P2	Langsung	2	Pyralidae	Lepidoptera	<i>Maruca testualis</i>	10
P2	Langsung	2	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	10
P2	Pitt fall	2	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	2
P2	Pitt fall	2	Acrididae	Orthoptera	<i>Oxya japonica</i>	7
P2	Pitt fall	2	Pyralidae	Lepidoptera	<i>Lamprosema indicata</i>	3
P2	Pitt fall	2	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	3
P2	Pitt fall	2	Alydidae	Hemiptera	<i>Riptortus linearis</i>	2
P2	Pitt fall	2	Noctuidae	Lepidoptera	<i>Agrotis ipsilon</i>	9
P2	Pitt fall	2	Flatidae	Hemiptera	<i>Siphanta acuta</i>	4

P2	Pitt fall	2	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	7
P2	Jaring	3	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	12
P2	Jaring	3	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	8
P2	Jaring	3	Flatidae	Hemiptera	<i>Siphanta acuta</i>	7
P2	Jaring	3	Pyralidae	Lepidoptera	<i>Maruca testualis</i>	3
P2	Langsung	3	Acrididae	Orthoptera	<i>Oxya japonica</i>	14
P2	Langsung	3	Pyralidae	Lepidoptera	<i>Lamprosema indicata</i>	13
P2	Langsung	3	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	4
P2	Langsung	3	Alydidae	Hemiptera	<i>Riptortus linearis</i>	11
P2	Langsung	3	Aphididae	Homoptera	<i>Aphis craccivora</i>	15
P2	Langsung	3	Pyralidae	Lepidoptera	<i>Maruca testualis</i>	19
P2	Pitt fall	3	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	3
P2	Pitt fall	3	Acrididae	Orthoptera	<i>Oxya japonica</i>	5
P2	Pitt fall	3	Pyralidae	Lepidoptera	<i>Lamprosema indicata</i>	6
P2	Pitt fall	3	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	2
P2	Pitt fall	3	Alydidae	Hemiptera	<i>Riptortus linearis</i>	4
P2	Pitt fall	3	Aphididae	Homoptera	<i>Aphis craccivora</i>	8
P2	Pitt fall	3	Noctuidae	Lepidoptera	<i>Agrotis ipsilon</i>	3
P2	Pitt fall	3	Flatidae	Hemiptera	<i>Siphanta acuta</i>	3
P2	Pitt fall	3	Pyralidae	Lepidoptera	<i>Maruca testualis</i>	2

Tabel Lampiran 8. Populasi parasitoid pada perlakuan bunga *Zinnia* + jagung

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P3	Jaring	1	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	17
P3	Jaring	1	Scelionidae	Hymenoptera	<i>Telenomus rowani</i>	1
P3	Jaring	1	Scelionidae	Hymenoptera	<i>Tetrastichus schoenobii</i>	6
P3	Pitt fall	1	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	2
P3	Jaring	2	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	14
P3	Jaring	2	Scelionidae	Hymenoptera	<i>Telenomus rowani</i>	16
P3	Jaring	3	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	11
P3	Jaring	3	Scelionidae	Hymenoptera	<i>Telenomus rowani</i>	4
P3	Jaring	3	Eulophidae	Hymenoptera	<i>Tetrastichus schoenobii</i>	6
P3	Pitt fall	3	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	2

Tabel Lampiran 9. Populasi predator pada perlakuan bunga *Zinnia* + jagung

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P3	Jaring	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	17
P3	Jaring	1	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	4
P3	Jaring	1	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	5
P3	Langsung	1	Araneidae	Araneae	<i>Araneus Inustus</i>	18
P3	Langsung	1	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	9
P3	Langsung	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	22
P3	Langsung	1	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	7
P3	Langsung	1	Libellulidae	Odonata	<i>Pantala flavescens</i>	7
P3	Pitt fall	1	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	13
P3	Pitt fall	1	Araneidae	Araneae	<i>Araneus Inustus</i>	33
P3	Pitt fall	1	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	16
P3	Pitt fall	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	12
P3	Jaring	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	10
P3	Jaring	2	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	1
P3	Langsung	2	Araneidae	Araneae	<i>Araneus Inustus</i>	27
P3	Langsung	2	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	3

P3	Langsung	2	Coccinellidae	Hemiptera	<i>Coccinella</i>	28
P3	Langsung	2	Libellulidae	Odonata	<i>Pantala flavescens</i>	2
P3	Pitt fall	2	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	11
P3	Pitt fall	2	Araneidae	Araneae	<i>Araneus Inustus</i>	15
P3	Pitt fall	2	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	8
P3	Pitt fall	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	3
P3	Pitt fall	2	Mantidae	Orthoptera	<i>Mantis religiosa</i>	3
P3	Pitt fall	2	Formicidae	Hymenoptera	<i>Campotunus Sp</i>	68
P3	Jaring	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	8
P3	Jaring	3	Libellulidae	Odonata	<i>Pantala flavescens</i>	2
P3	Langsung	3	Araneidae	Araneae	<i>Araneus Inustus</i>	21
P3	Langsung	3	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	7
P3	Langsung	3	Coccinellidae	Hemiptera	<i>Hippodamia variegata</i>	13
P3	Langsung	3	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	4
P3	Pitt fall	3	Cerambycidae	Hemiptera	<i>Cerambycidae</i>	6
P3	Pitt fall	3	Araneidae	Araneae	<i>Araneus inustus</i>	53
P3	Pitt fall	3	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	20
P3	Pitt fall	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	2

P3	Pitt fall	3	Formicidae	Hymenoptera	<i>Campotunus sp</i>	28
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Tabel Lampiran 10. Populasi hama pada perlakuan bunga *Zinnia* + jagung

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P3	Jaring	1	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	4
P3	Jaring	1	Acrididae	Orthoptera	<i>Oxya japonica</i>	4
P3	Jaring	1	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	5
P3	Jaring	1	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	1
P3	Jaring	1	Flatidae	Hemiptera	<i>Siphanta acuta</i>	4
P3	Langsung	1	Crambidae	Lepidoptera	<i>Ostrinia furnacalis</i>	5
P3	Langsung	1	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	11
P3	Langsung	1	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	5
P3	Langsung	1	Muscidae	Diptera	<i>Atherigona exigua</i>	2
P3	Langsung	1	Acrididae	Orthoptera	<i>Oxya japonica</i>	7
P3	Langsung	1	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	2
P3	Pitt fall	1	Pentatomidae	Hemiptera	<i>Nezara viridula</i>	1
P3	Pitt fall	1	Aphididae	Homoptera	<i>Aphis gossypi glover</i>	12

P3	Pitt fall	1	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	6
P3	Pitt fall	1	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	3
P3	Pitt fall	1	Acrididae	Orthoptera	<i>Oxya japonica</i>	3
P3	Pitt fall	1	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	6
P3	Pitt fall	1	Crambidae	Lepidoptera	<i>scirphopaga Inotata</i>	1
P3	Pitt fall	1	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	7
P3	Pitt fall	1	Flatidae	Hemiptera	<i>Siphanta acuta</i>	3
P3	Jaring	2	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	1
P3	Jaring	2	Acrididae	Orthoptera	<i>Oxya japonica</i>	1
P3	Jaring	2	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	10
P3	Langsung	2	Crambidae	Lepidoptera	<i>Ostrinia furnacalis</i>	3
P3	Langsung	2	Acrididae	Orthoptera	<i>Oxya japonica</i>	7
P3	Langsung	2	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	2
P3	Langsung	2	Aphididae	Homoptera	<i>Aphis gossypi glover</i>	6
P3	Pitt fall	2	Noctuidae	Lepidoptera	<i>Agrotis ipsilon</i>	1
P3	Pitt fall	2	Crambidae	Lepidoptera	<i>Ostrinia furnacalis</i>	1
P3	Pitt fall	2	Aphididae	Homoptera	<i>Aphis gossypi glover</i>	12
P3	Pitt fall	2	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	7

P3	Pitt fall	2	Aphididae	Hemiptera	<i>aphis craccivora</i>	6
P3	Pitt fall	2	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	24
P3	Jaring	3	Flatidae	Hemiptera	<i>Siphanta acuta</i>	4
P3	Jaring	3	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	4
P3	Jaring	3	Muscidae	Diptera	<i>Atherigona exigua</i>	2
P3	Jaring	3	Acrididae	Orthoptera	<i>Caelifera</i>	1
P3	Jaring	3	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	4
P3	Jaring	3	Tephtiridae	Diptera	<i>Bactrocera dorsalis</i>	2
P3	Langsung	3	Crambidae	Lepidoptera	<i>Ostrinia furnacalis</i>	3
P3	Langsung	3	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	10
P3	Langsung	3	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	5
P3	Langsung	3	Muscidae	Diptera	<i>Atherigona exigua</i>	1
P3	Langsung	3	Acrididae	Orthoptera	<i>Caelifera</i>	4
P3	Pitt fall	3	Flatidae	Hemiptera	<i>Siphanta acuta</i>	2
P3	Pitt fall	3	Noctuidae	Lepidoptera	<i>Spodoptera litura</i>	7
P3	Pitt fall	3	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	3
P3	Pitt fall	3	Acrididae	Orthoptera	<i>Oxya japonica</i>	1
P3	Pitt fall	3	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	6

P3	Pitt fall	3	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	2
P3	Pitt fall	3	Tephtiridae	Diptera	<i>Bactrocera dorsalis</i>	1

Tabel Lampiran 11. Populasi parasitoid pada perlakuan kontrol

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P4	Jaring	1	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	7
P4	Jaring	2	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	1
P4	Pitt fall	2	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	1
P4	Jaring	3	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	9
P4	Jaring	3	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	8
P4	Jaring	3	Scelionidae	Hymenoptera	<i>Tetrastichus schoenobii</i>	2
P4	Pitt fall	3	Scelionidae	Hymenoptera	<i>Telenomus rowani</i>	1
P4	Pitt fall	3	Trichogrammatidae	Hymenoptera	<i>Trichogramma sp</i>	3

Lampiran 12. Populasi predator pada perlakuan kontrol

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P4	Jaring	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	5
P4	Langsung	1	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	6
P4	Langsung	1	Araneidae	Araneae	<i>Araneus Inustus</i>	22
P4	Langsung	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	6
P4	Pitt fall	1	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	9
P4	Pitt fall	1	Trichogrammatidae	Hymenoptera	<i>Tricogramma sp</i>	3
P4	Pitt fall	1	Formicidae	Hymenoptera	<i>Campotunus Sp</i>	108
P4	Pitt fall	1	Araneidae	Araneae	<i>Araneus Inustus</i>	29
P4	Pitt fall	1	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	2
P4	Pitt fall	1	Coccinellidae	Coleoptera	<i>Coccinella</i>	2
P4	Jaring	2	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	2
P4	Jaring	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	8
P4	Jaring	2	Libellulidae	Odonata	<i>Pantala flavescens</i>	4
P4	Langsung	2	Araneidae	Araneae	<i>Araneus Inustus</i>	27
P4	Langsung	2	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	3

P4	Langsung	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	11
P4	Pitt fall	2	Formicidae	Hymenoptera	<i>Campotunus Sp</i>	66
P4	Pitt fall	2	Araneidae	Araneae	<i>Araneus Inustus</i>	21
P4	Pitt fall	2	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	15
P4	Pitt fall	2	Coccinellidae	Coleoptera	<i>Coccinella</i>	5
P4	Jaring	3	Libellulidae	Odonata	<i>Pantala flavescens</i>	1
P4	Jaring	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	10
P4	Langsung	3	Araneidae	Araneae	<i>Araneus inustus</i>	19
P4	Langsung	3	Coenagrionidae	Odonata	<i>Ischnura senegalensis</i>	3
P4	Langsung	3	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	7
P4	Langsung	3	Coccinellidae	Coleoptera	<i>Hippodamia variegata</i>	7
P4	Pitt fall	3	Formicidae	Hymenoptera	<i>Campotunus sp</i>	23
P4	Pitt fall	3	Araneidae	Araneae	<i>Araneus Inustus</i>	17
P4	Pitt fall	3	Staphylinidae	Coleoptera	<i>Paederus littoralis</i>	20
P4	Pitt fall	3	Cerambycidae	Coleoptera	<i>Cerambycidae</i>	12

Tabel Lampiran 13. Populasi hama pada perlakuan kontrol

Kode perlakuan	Metode Pengamatan	Ulangan	Famili	Ordo	Spesies	Juml. Individu
P4	Jaring	1	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	2
P4	Jaring	1	Flatidae	Hemiptera	<i>Siphanta acuta</i>	2
P4	Jaring	1	Tephtiridae	Diptera	<i>Bactrocera dorsalis</i>	4
P4	Jaring	1	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	2
P4	Jaring	1	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	3
P4	Langsung	1	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	2
P4	Langsung	1	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	7
P4	Pitt fall	1	Pentatomidae	Hemiptera	<i>Nezara viridula</i>	2
P4	Pitt fall	1	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	10
P4	Pitt fall	1	Flatidae	Hemiptera	<i>Siphanta acuta</i>	1
P4	Pitt fall	1	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	4
P4	Jaring	2	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	3
P4	Jaring	2	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	13
P4	Jaring	2	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	1
P4	Langsung	2	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	5

P4	Langsung	2	Aphididae	Homoptera	<i>Aphis craccivora</i>	5
P4	Pitt fall	2	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	11
P4	Pitt fall	2	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	2
P4	Pitt fall	2	Delphacidae	Hemiptera	<i>Nilaparvata lugens</i>	3
P4	Pitt fall	2	Aphididae	Homoptera	<i>Aphis craccivora</i>	7
P4	Jaring	3	Crambidae	Lepidoptera	<i>Scirpophaga inotata</i>	2
P4	Jaring	3	Alydidae	Hemiptera	<i>Leptocorisa oratorius</i>	3
P4	Pitt fall	3	Carabidae	Coleoptera	<i>Carabus nemoralis</i>	9
P4	Pitt fall	3	Tephtiridae	Diptera	<i>Bactrocera dorsalis</i>	2

Tabel Lampiran 14. Analisis indeks keanekaragaman dan pemerataan

Perlakuan	Ulangan	Metode pengamatan	N Arth	H' Arth	E Arth	N Spesies hama	N Sp par	N Sp pred	H' hama	H' Par	H' pred	E Hama	E Par	E pred
P1	1	Pitfall	15	2.14	0.14	9	1	5	1.94	0	1.44	0.22	0.00	0.29
P1	1	Langsung	11	2.07	0.19	6	0	5	1.68	0	1.23	0.28	0.00	0.25
P1	1	Jaring	11	2.10	0.19	6	3	2	1.67	0.68	0.53	0.28	0.23	0.27
P1	2	Pitfall	16	2.12	0.13	10	1	5	1.63	0	1.42	0.16	0.00	0.28
P1	2	Langsung	6	1.77	0.29	3	0	3	1.08	0	1.09	0.36	0.00	0.36
P1	2	Jaring	9	2.19	0.24	5	3	1	1.57	1.08	0.33	0.31	0.36	0.33
P1	3	Pitfall	15	2.11	0.14	8	1	6	1.38	0	1.39	0.17	0.00	0.23
P1	3	Langsung	8	1.71	0.21	4	0	4	1.16	0	0.97	0.29	0.00	0.24
P1	3	Jaring	6	1.62	0.27	3	1	2	0.69	0	0.45	0.23	0.00	0.23
P2	1	Pitfall	15	2.34	0.16	9	0	6	1.9	0	1.29	0.21	0.00	0.22
P2	1	Langsung	11	2.25	0.20	6	0	5	1.62	0	1.6	0.27	0.00	0.32
P2	1	Jaring	11	2.17	0.20	5	3	3	1.51	0.72	0.48	0.30	0.24	0.16
P2	2	Pitfall	12	1.90	0.16	6	0	6	1.48	0	1.18	0.25	0.00	0.20
P2	2	Langsung	8	1.59	0.20	4	0	4	1.27	0	0.97	0.32	0.00	0.24
P2	2	Jaring	7	1.57	0.22	3	2	2	0.56	0.69	0.3	0.19	0.35	0.15
P2	3	Pitfall	13	1.83	0.14	7	1	6	1.72	0	1.38	0.25	0.00	0.23

P2	3	Langsung	9	2.04	0.23	5	0	4	1.4	0	1.42	0.28	0.00	0.36
P2	3	Jaring	10	2.26	0.23	6	3	3	1.69	1.01	1.17	0.28	0.34	0.39
P3	1	Pitfall	9	1.63	0.18	3	0	6	1.08	0	1.4	0.36	0.00	0.23
P3	1	Jaring	8	2.10	0.26	3	3	2	0.99	0.68	0.58	0.33	0.23	0.29
P3	1	Langsung	11	1.45	0.13	5	1	5	1.38	0	1.26	0.28	0.00	0.25
P3	2	Pitfall	14	1.88	0.13	8	1	5	1.93	0	1.31	0.24	0.00	0.26
P3	2	Langsung	11	2.17	0.20	7	0	4	1.87	0	1.23	0.27	0.00	0.31
P3	2	Jaring	12	2.23	0.19	5	3	4	1.59	0.98	0.53	0.32	0.00	0.13
P3	3	Pitfall	13	1.65	0.13	9	1	6	2.09	0	1.16	0.23	0.00	0.19
P3	3	Langsung	13	2.19	0.17	7	1	5	1.71	0	1.24	0.24	0.00	0.25
P3	3	Jaring	10	2.21	0.22	5	2	3	1.51	0.96	0.69	0.30	0.48	0.23
P4	1	Pitfall	8	1.49	0.19	4	0	6	0.28	0	0.77	0.07	0.00	0.13
P4	1	Langsung	5	1.33	0.27	2	0	3	0.52	0	0.98	0.26	0.00	0.33
P4	1	Jaring	7	2.11	0.30	5	1	1	1.56	0	0	0.31	0.00	0.00
P4	2	Pitfall	9	1.65	0.18	4	1	4	1.19	0	1.15	0.30	0.00	0.29
P4	2	Langsung	5	1.29	0.26	2	0	3	0.69	0	0.81	0.35	0.00	0.27
P4	2	Jaring	7	1.83	0.26	3	1	3	0.94	0	0.95	0.31	0.00	0.32
P4	3	Pitfall	8	1.92	0.24	1	3	4	0	0	1.41	0.00	0.00	0.35
P4	3	Langsung	4	1.18	0.30	0	0	4	0	0	0.81	0.00	0.00	0.20
P4	3	Jaring	7	1.85	0.26	2	3	2	0.67	0.95	0.21	0.34	0.32	0.11

