

Lampiran 3 Tabel Penentuan Nilai Bahaya

Tabel Penentuan Nilai Bahaya Desa Pakembinangun

Desa Pakembinangun														
Blok	Titik	Jenis Pestisida	Nama dagang	Bahan aktif	Golongan	LD50 (mg/kg)	Nilai Toksisitas (Kti)		Solubility (mg/L)	Nilai Paparan (Kei)		Faktor Bahaya	Nilai Bahaya	
							Kelas	Score		Kelas	Score			
PK1	PK 1	Fungisida	Victory 80 WP	Mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5	
		Insektisida	ABACEL 18EC	Abamectin 18 g/l	Avermectin	416	toxic	3	miscible	soluble	3	9	2	
PK2	PK 2	Fungisida	Bion-M 1/48 WP	Mankozeb 48%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5	
				Asibenzolar S metil 1%	Tiadiazol	>5000	slightly toxic	2	7,7	soluble	3	6	1,5	
	PK 3	Insektisida	regent 50 sc		fipronil 50 g/L	fiprole	92	very toxic	4	soluble (slightly)	soluble (slightly)	2	8	1,5
					Propineb 70%	Karbamat, organoseng	3708	slightly toxic	2	insoluble	insoluble	1	2	1
	PK 3	Insektisida	Dupont Lamate 40 SP		metomil 40%	Karbamat	10	very toxic	4	soluble (slightly)	soluble (slightly)	2	8	1,5
					Propineb 70%	Karbamat, organoseng	3708	slightly toxic	2	insoluble	insoluble	1	2	1
	PK 4	Insektisida	Dupont Lamate 25 WP		metomil 25%	Karbamat	10	very toxic	4	soluble (slightly)	soluble (slightly)	2	8	1,5
					Propineb 70%	Karbamat, organoseng	3708	slightly toxic	2	insoluble	insoluble	1	2	1
	PK 5	Fungisida	Bion-M 1/48 WP		Mankozeb 48%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
					Asibenzolar S metil 1%	Tiadiazol	>5000	slightly toxic	2	7,7	soluble	3	6	1,5
	PK 6	Fungisida	Antila 80 WP		Mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
					Karbendazim 50%	Benzimidazol, MBC	>2000	slightly toxic	2	29	soluble	3	6	1,5
PK3	PK 7	Insektisida	Regent 50 SC	fipronil 50 g/L	fiprole	92	very toxic	4	soluble (slightly)	soluble (slightly)	2	8	1,5	
				karbosulfan 200 g/L	Karbamat	250	toxic	3	not miscible	insoluble	1	3	1	
	PK 8	Insektisida	Bamex 18 EC		Propineb 70%	Karbamat, organoseng	3708	slightly toxic	2	insoluble	insoluble	1	2	1
					Abamectin 18 g/L	Avermectin	416	toxic	3	miscible	soluble	3	9	2
	PK 9	Insektisida	Agrimec 18 EC		Abamectin 18,4 g/L	Avermectin	416	toxic	3	miscible	soluble	3	9	2
					Fungisida	Antila 80 WP	Mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3
	PK4	PK 10	Insektisida	diazinon 600 ec	diazinon 600 g/l	Organofosfat	66	very toxic	4	soluble (slightly)	soluble (slightly)	2	8	1,5
					fipronil 50 g/L	fiprole	92	very toxic	4	soluble (slightly)	soluble (slightly)	2	8	1,5
		PK 11	Insektisida	diazinon 600 ec		diazinon 600 g/l	Organofosfat	66	very toxic	4	soluble (slightly)	soluble (slightly)	2	8
regent 50 sc						fipronil 50 g/L	fiprole	92	very toxic	4	soluble (slightly)	soluble (slightly)	2	8
PK5	PK 12	Fungisida	Bion-M 1/48 WP	Mankozeb 48%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5	
				Asibenzolar S metil 1%	Tiadiazol	>5000	slightly toxic	2	7,7	soluble	3	6	1,5	
	PK 13	Insektisida	Confidor 5WP		Abamectin 18 g/L	Avermectin	416	toxic	3	miscible	soluble	3	9	2
Imidacloprid 5%					Neonicotinoid	450	toxic	3	miscible	soluble	3	9	1,5	
PK6	PK 14	Insektisida	Proclaim 5 SG	Amamectin Benzoat 5%	Avermectin	1516	slightly toxic	2	not miscible	insoluble	1	2	1	
				Imidacloprid 5%	Neonicotinoid	450	toxic	3	miscible	soluble	3	9	1,5	
PK7	PK 16	Insektisida	Bamex 18 EC	Abamectin 18 g/L	Avermectin	416	toxic	3	miscible	soluble	3	9	2	
				Fungisida	Antracol 70 WP	Propineb 70%	Karbamat, organoseng	3708	slightly toxic	2	insoluble	insoluble	1	2
PK8	PK 15	Insektisida	Confidor 5WP	Imidacloprid 5%	Neonicotinoid	450	toxic	3	miscible	soluble	3	9	1,5	
				Decis 25 EC	Deltametrin 25 g/L	Piretroid	2000	slightly toxic	2	miscible	soluble	3	6	1,5
PK8	PK 15	Insektisida	Bamex 18 EC	Abamectin 18 g/L	Avermectin	416	toxic	3	miscible	soluble	3	9	2	

Tabel Penentuan Nilai Bahaya Desa Hargobinangun

Desa Hargobinangun													
Blok	Titik	Jenis Pestisida	Nama dagang	Bahan aktif	Golongan	LD50 (mg/kg)	Nilai Toksisitas (Kti)		Solubility (mg/L)	Nilai Paparan (Kei)		Faktor Bahaya Fdi	Nilai Bahaya Kdi
							Kelas	Score		Kelas	Score		
HG1	HG1	Tidak Pakai Pestisida											
	HG2	Insektisida	Curacron 500 EC	profenofos 500 g/L	organofosfat	358	toxic	3	28	soluble	3	9	2
	HG3	Tidak Pakai Pestisida											
	HG4	Insektisida	Buldok 25 EC	beta siflutrin 25 g/L	piretroid	757	toxic	3		soluble	3	9	2
	HG5	Insektisida	Confidor 5 WP	imidacloprid 5%	Neonicotinoid	450	toxic	3		soluble	3	9	1,5
	HG6	Insektisida	Curacron 500 EC	profenofos 500 g/l	organofosfat	358	toxic	3	28	soluble	3	9	2
HG2	HG6	Fungisida	Dithane m45 80 WP	mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
	HG7	Insektisida	Fastac 15 EC	alphamethrin 15 g/l	piretroid	942	toxic	3	0,01	soluble slightly	2	6	1,5
	HG8	Insektisida	Curacron 500 EC	profenofos 500 g/l	organofosfat	358	toxic	3	28	soluble	3	9	2
	HG8	Insektisida	Confidor 5 WP	imidacloprid 5%	Neonicotinoid	450	toxic	3		soluble	3	9	1,5
	HG8	Insektisida	Curacron 500 EC	profenofos 500 g/l	organofosfat	358	toxic	3	28	soluble	3	9	2
	HG8	Fungisida	Dithane m45 80 WP	mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
	HG9	Insektisida	Lannate 40 SP	methomyl 40%	Karbamat	10	very toxic	4		soluble (slightly)	2	8	1,5
	HG9	Fungisida	Dithane m45 80 WP	mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
HG4	HG9	Fungisida	Ridomil Gold MZ 4/ 64 WG	mankozeb 64%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
	HG11	Insektisida	Curacron 500 EC	profenofos 500 g/l	organofosfat	358	toxic	3	28	soluble	3	9	2
	HG11	Insektisida	Curacron 500 EC	profenofos 500 g/l	organofosfat	358	toxic	3	28	soluble	3	9	2
	HG11	Insektisida	Abamax 18 EC	abamectin 18 g/l	Avermectin	416	toxic	3		soluble	3	9	2
	HG12	Fungisida	Antracol 70 WP	propineb 70%	Karbamat, organoseng	3708	slightly toxic	2		insoluble	1	2	1
	HG12	Fungisida	Folicur 25 WP	tebuconazole 50%	Tiazole	1700	slightly toxic	2		soluble (slightly)	2	4	1
	HG12	Fungisida	Pexalon 106 Sc	triflumazopirim 106 g/l	pirimidin	2000	slightly toxic	2	100-230	very soluble	4	8	1,5
	HG16	Insektisida	Lannate 25 WP	metomil 25%	Karbamat	10	very toxic	4		soluble (slightly)	2	8	1,5
	HG16	Insektisida	Curacron 500 EC	profenofos 500 g/l	organofosfat	358	toxic	3	28	soluble	3	9	2
	HG16	Insektisida	Demolis h 18 EC	abamectin 18 g/l	Avermectin	416	toxic	3		soluble	3	9	2
	HG16	Fungisida	Bion-M 1/48 WP	mankozeb 48%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
	HG5	HG10	Insektisida	Confidor 5 WP	imidacloprid 5%	Neonicotinoid	450	toxic	3		soluble	3	9
HG10		Insektisida	Kilri 20 EC	abamectin 20 g/l	Avermectin	416	toxic	3		soluble	3	9	2
HG13		Fungisida	Amistartop 325 Sc	azoxystrobin 200 g/l	Pirimidin	>5000	slightly toxic	2	6,7	soluble	3	6	1,5
HG13		Fungisida	Dithane m45 80 WP	difenoconazole 125 g/l	Triazol	1453	slightly toxic	2	15	soluble	3	6	1,5
HG13		Fungisida	Dithane m45 80 WP	mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
HG14		Insektisida	Topdor 10 WP	imidacloprid 10%	Neonicotinoid	450	slightly toxic	2		soluble	3	6	1,5
HG14		Insektisida	Abacel 18 EC	abamectin 18 g/l	Avermectin	416	toxic	3		soluble	3	9	2
HG14		Insektisida	Topdor 10 WP	imidacloprid 10%	Neonicotinoid	450	toxic	3		soluble	3	9	1,5
HG14		Insektisida	Abacel 18 EC	abamectin 18 g/l	Avermectin	416	toxic	3		soluble	3	9	2
HG7		HG15	Tidak Pakai Pestisida										
	HG17	Tidak Pakai Pestisida											
	HG18	Tidak Pakai Pestisida											
	HG19	Insektisida	Confidor 5 WP	imidacloprid 5%	Neonicotinoid	450	toxic	3		soluble	3	9	1,5
	HG19	Fungisida	Dithane m45 80 WP	mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
	HG20	Insektisida	Kilri 20 EC	abamectin 20 g/L	Avermectin	416	toxic	3	soluble	3	9	2	
	HG21	Insektisida	Dafat 75 SP	acephate 75%	organofosfat	688	toxic	3	65	soluble	3	9	2
	HG22	Insektisida	Diazinon 600 EC	diazinon 600 g/l	Organofosfat	66	very toxic	4		soluble (slightly)	2	8	1,5

Tabel Penentuan Nilai Bahaya Desa Harjobinangun

Desa Harjobinangun													
Blok	Titik	Jenis Pestisida	Nama dagang	Bahan aktif	Golongan	LD50 (mg/kg)	Nilai Toksisitas (Kti)		Solubility (mg/L)	Nilai Paparan (Kei)		Faktor Bahaya	Nilai Bahaya
							Kelas	Score		Kelas	Score		
HJ1	HJ1	Insektisida	Prevathon 50 SC	Clorantraniliprole 50 g/L	Urea, Trifluorometil	>5000	Slightly toxic	2	1	soluble	3	6	1,5
		Insektisida	BM Thiomet 200 SL	Imidacloprid 200 g/L	Neonicotinoid	450	toxic	3		Soluble	3	9	1,5
HJ2	HJ2	tidak menggunakan pestisida											
	HJ3	tidak menggunakan pestisida											
HJ3	HJ4	Insektisida	Curacron 500 EC	Profenofos 500 g/L	Organofosfat	358	Toxic	3	28	soluble	3	9	2
HJ4	HJ5	Insektisida	Kiliri 20 EC	Abamectin 20 g/L	Avermectin	416	Toxic	3		soluble	3	9	2
HJ5	HJ6	Insektisida	Marshal 200 SC	Karbosulfan 200 g/L	karbamat	250	toxic	3		insoluble	1	3	1
		Tidak Menggunakan pestisida											
HJ6	HJ12	Insektisida	Topdor 10 WP	Imidacloprid 10%	Neonicotinoid	450	toxic	3		Soluble	3	9	1,5
		Insektisida	Curacron 500 EC	Profenofos 500 g/L	Organofosfat	358	Toxic	3	28	soluble	3	9	2
	HJ13	Fungisida	Nordox 56 WP	Cooper Oxide 56%	Anilida	470	toxic	3	0,001	insoluble	1	3	1
HJ7	HJ11	Insektisida	Diazinon 600 EC	Diazinon 600 g/L	organofosfat	66	very toxic	4		Soluble (Slightly)	2	8	1,5
		Insektisida	Curacron 500 EC	Profenofos 500 g/L	Organofosfat	358	Toxic	3	28	soluble	3	9	2
HJ8	HJ7	Insektisida	Curacron 500 EC	Profenofosof 500 g/L	Organofosfat	358	Toxic	3	28	soluble	3	9	2
		Fungisida	Antracol 70 WP	Propineb 70%	Karbamat, organoseng	3708	Slightly toxic	2		insoluble	1	2	1
		Fungisida	Dithane m45 80 WP	Mankozeb 80%	Ditiokarbamat, organomangan	>5000	Slightly toxic	2	6,2	soluble	3	6	1,5
	HJ10	Insektisida	Confidor 5 WP	Imidacloprid 5%	Neonicotinoid	450	toxic	3		Soluble	3	9	1,5
HJ9	HJ8	Fungisida	Danvil 50 SC	Hexaconazol 50 g/L	Triazol	2180	Slightly toxic	2		Soluble (Slightly)	2	4	1
		Insektisida	Regent 50 SC	Fipronil 50 g/L	Fiprole	92	Very toxic	4		Soluble (Slightly)	2	8	1,5
	Moluskisida	Tuntas Keong 15 WP	Niklosamida 250 g/L	Niklosamida	5000	Slightly toxic	2	1,6	soluble	3	6	1,5	
HJ10	HJ9	tidak menggunakan pestisida											
		Insektisida	Curacron 500 EC	Profenofos 500 g/L	Organofosfat	358	Toxic	3	28	soluble	3	9	2

Tabel Penentuan Nilai Bahaya Desa Candibinangun

Desa Candibinangun													
Blok	Titik	Jenis Pestisida	Nama Pestisida	Bahan Aktif	Golongan	LD50 (mg/kg)	Nilai Toksisitas (Kti)		Sollubility (mg/L)	Nilai Paparan (Kei)		Faktor Bahaya (Fdi)	Nilai Bahaya (Kdi)
							Kelas	Score		Kelas	Score		
C1	C1	Insektisida	Prevathon 50 SC	klorantranilpropril 50 g/L	Urea, Trifluorometil	>5000	slightly toxic	2	1	soluble	3	6	1,5
		Fungisida	Bion M 1/48 WP	Mancozeb 48%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
				Asibenzolar-S-Metil 1%	Tiadiazol	>5000	slightly toxic	2	7,7	soluble	3	6	1,5
	C2	Insektisida	Curacorn 500 EC	Profenofos 500g/L	organofosfat	358	toxic	3	28	soluble	3	9	2
C2	C4	Insektisida	Curacorn 500 EC	Profenofos 500g/L	organofosfat	358	toxic	3	28	soluble	3	9	2
		Insektisida	Agrimec 18 EC	Abamektin 18g/L	Avermectin	416	toxic	3	soluble	soluble	3	9	2
	Fungisida	Dithane-M45 80 WP	Mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5	
	C5	Insektisida	Curacorn 500 EC	Profenofos 500g/L	organofosfat	358	toxic	3	28	soluble	3	9	2
		Fungisida	Dithane-M45 80 WP	Mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
		Insektisida	Curacorn 500 EC	Profenofos 500g/L	organofosfat	358	toxic	3	28	soluble	3	9	2
	C3	C3	Insektisida	Curacorn 500 EC	Profenofos 500g/L	organofosfat	358	toxic	3	28	soluble (slightly)	2	8
Fungisida			Dithane-M45 80 WP	Mankozeb 80%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
C4	C6	Insektisida	Confidor 200 SL	Imidakloprid 200 g/L	Neonicotinoid	450	toxic	3	soluble	soluble	3	9	1,5
		Fungisida	Bion M 1/48 WP	Mancozeb 48%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
C5	C7	Insektisida	topdor 10 WP	Imidakloprid 10%	Neonicotinoid	450	toxic	3	soluble	soluble	3	9	1,5
		Insektisida	Finsol 500 EC	Profenofos 500g/L	organofosfat	358	toxic	3	28	soluble	3	9	2
C6	C8	Insektisida	Marshal 200 EC	karbosulfan 200g/L	Karbamat	250	toxic	3	insoluble	insoluble	1	3	1
		Fungisida	Antracol 70 WP	Propineb 70%	Karbamat, organoseng	3708	slightly toxic	2	insoluble	insoluble	1	2	1
C7	C9	Insektisida	Confidor 5wp	imidakloprid 5%	Neonicotinoid	450	toxic	3	soluble	soluble	3	9	1,5
		Fungisida	Manzate 82 WP	Mankozeb 82%	Ditiokarbamat, organomangan	>5000	slightly toxic	2	6,2	soluble	3	6	1,5
	C10	tidak menggunakan pestisida											
C8	C11	Insektisida	Lannate 40 SP	Metomil 40%	Karbamat	10	very toxic	4	soluble (slightly)	tuble (slight	2	8	1,5
		Fungisida	Antracol 70 WP	Propineb 70%	Karbamat, organoseng	3708	slightly toxic	2	insoluble	insoluble	1	2	1
		Fungisida	Trivia 73 WP	fluopikolid 6%	Piridinilmetil benzamida	>2500	slightly toxic	2	insoluble	insoluble	1	2	1
C9	C12	Fungisida	Antracol 70 WP	Propineb 70%	Karbamat, organoseng	3708	slightly toxic	2	insoluble	insoluble	1	2	1
		Fungisida	Trivia 73 WP	fluopikolid 6%	Piridinilmetil benzamida	>2500	slightly toxic	2	insoluble	insoluble	1	2	1
				Propineb 67%	Karbamat, organoseng	3708	slightly toxic	2	insoluble	insoluble	1	2	1
C10	C13	insektisida	Kaliandra 482 EC	Klorpirifos 482 g/L	organofosfat	82	very toxic	4	soluble	soluble	1	4	1
		insektisida	Furadan 3 GR	karbofuran 3%	Karbamat	5	very toxic	4	351	tuble (slight	3	12	2
C11	C14	tidak menggunakan pestisida											
C12	C15	Insektisida	Bamex 18 EC	Abamectin 18 g/L	Avermectin	416	toxic	3	soluble		1	3	1
	C16	tidak menggunakan pestisida											

Tabel Penentuan Nilai Bahaya Desa Purwobinangun

Desa Purwobinangun													
Blok	Titik	Jenis Pestisida	Nama dagang	Bahan aktif	Golongan	LD50 (mg/kg)	Nilai Toksisitas (Kti)		Solubility (mg/L)	Nilai Paparan (Kei)		Faktor Bahaya Fdi	Nilai Bahaya Kdi
							Kelas	Score		Kelas	Score		
PW1	P1	tidak menggunakan pestisida											
	P2	tidak menggunakan pestisida											
	P4	Insektisida	Regent 50 SC	Fipronil 50 g/L	Fiprole	92	very toxic	4		soluble (slightly)	2	8	1,5
PW2	P3	tidak menggunakan pestisida											
	P11	tidak menggunakan pestisida											
PW3	P5	Insektisida	Fastac 15 EC	alfametrin 15 g/L	Piretroid	942	toxic	3		emulsifiable	2	6	1,5
	P6	Insektisida	Fastac 15 EC	alfametrin 15 g/L	Piretroid	942	toxic	3		emulsifiable	2	6	1,5
	P7	Insektisida	Bassa 500 EC	BPMC 480 g/L	Karbamat	542	toxic	3	420	very soluble	4	12	2
	P8	Insektisida	Bassa 500 EC	BPMC 480 g/L	Karbamat	542	toxic	3	420	very soluble	4	12	2
PW4	P9	Insektisida	imidaplus 25 wp	imidakloprid 25%	neonicotinoid	450	toxic	3		soluble	3	9	1,5
		Fungisida	Bion M 1/48 WP	asibenzolar s metil 1 %	Tiadiazol	>5000	slightly toxic	2	7,7	soluble	3	6	1,5
		Insektisida	confidor 200 SL	Imidakloprid 200 g/L	neonicotinoid	450	toxic	3		soluble	3	9	1,5
PW5	P10	Fungisida	Antracol 70 WP	Propineb 70%	Karbamat ,organoseng	3708	slightly toxic	2		insoluble	1	2	1
		Insektisida	Marshal 200 EC	karbosulfan 200g/L	karbamat ,organoseng	250	toxic	3		insoluble	1	3	1

Contoh perhitungan :

Bahan aktif imidakloprid 200 g/L

- Factor bahaya (Fdi) = Nilai toksisitas (Kti) x Nilai paparan (Kei)

$$\text{Factor bahaya (Fdi)} = 3 \times 3$$

$$\text{Factor bahaya (Fdi)} = 9 \rightarrow \text{nilai bahaya (Kdi)} = 1,5$$