

List of Chemical Usage

PT Toba Pulp Lestari (TPL) after the issuance of TPL's Pesticide Use Policy, TPL's forestry operations have gradually stopped the use of chemical pesticides / fertilizers that are prohibited by Annex 3 of IFCC standard 2013, World Health Organization (WHO) types 1a and 2b (2013), Stockholm Convention (2016) and Rotterdam Convention (2015). Table shown below is the list of industry approved chemical used in TPL.

Fiber Operation

No.	Brand	Active ingredients	Dosage per hectare
1	Supremo	Isopropil amina glifosat 490g/l	3 Ltr
2	Gempur	Isopropil amina glifosat 480g/l	3 Ltr
3	Kon Up	Isopropil amina glifosat 490g/l	3 Ltr
4	Samurai	Isopropil amina glifosat 480 SI	3 Ltr
5	Fastac	Alfametrin 15g/l	200 MI
6	Confidor	Imidakloropid 200g/l	100 MI
7	Matador	Lamda sihalotrin 25g/l	200 MI
8	Masoil	Refined petroleum distilat	300 MI
9	Posthene	Acephate	600 MI
10	Sanvit	Nonil Penol Polilglolik eter 125SL	300 MI
11	Metaprima	Metil metsulfuron 20%	40 gr
12	Metsul	Metil metsulfuron 20%	40 gr
13	Ferterra	Chlorantraniliprole 0,4%	25 Kg
14	Convey	Topramezone 330g/l	60 MI
15	Basta	Ammonium glufosinat 150g/l	2,4 Ltr
16	Golma	Oksifluorfen 240g/l	0.8 Ltr
17	Bayfolan	N 11%, P2O5 8%, K2O 6%, unsur-unsur hara mikro	200 MI
18	Dolomit Fert 1	CaO 30%, MgO 18%	750 Kg
19	ZA Fert 1	N 21%, S 24%	42 Kg
20	ZA Fert 2	N 21%, S 24%	83 kg
21	ZA Fert 3	N 21%, S 24%	125 Kg
22	TSP Fert 1	P2O5 46%	167 Kg
23	TSP Fert 3	P2O5 46%	75 Kg
24	MOP Fert 2	K2O 60%	42 Kg
25	MOP Fert 3	K2O 60%	83 Kg
26	Urea Fert 1	N 46%	20 Kg
27	Urea Fert 2	N 46%	37 Kg
28	Urea Fert 3	N 46%	58 Kg
29	SP 36 Fert 1	P2O5 36%	208 Kg
30	SP 36 Fert 3	P2O5 36%	93 Kg

Mill Operation

No	Chemical Name
1	NaOH (Sodium Hydroxide)
2	SO2 (Sulfur Dioxide)
3	ClO2(Chlorine Dioxide)
4	White Liquor
5	HCl (Hydrochloric Acid)
6	Pitch Dispersant#1
7	Pitch Dispersant#2
8	Viscose Berol
9	Hydrogen Peroxide
10	Felt Conditioner
11	Felt Cleaner
12	EDTA
13	AmiSperse#1
14	Amisperse#2