

## List of Chemical and 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.

No.	Brand Name	Active ingredients	Dose per Ha
1	Supremo	Isopropil amina glifosat 490 g/l	3 L
2	Gempur	Isopropil amina glifosat 490 g/l	3 L
3	Fastac	Alfametrin 15 g/l	200 MI
4	Confidor	Imidakloropid 200 g/l	100 MI
5	Matador	Lamda sihalotrin 25 g/l	200 MI
6	Masoil	Refined petroleum distilat	40 MI
7	Sanvit	Nonil Penol Polilglidikol eter 125S L	70 MI
8	Metaprima	Metil metsulfuron 20%	40 MI
9	Metsul	Metil metsulfuron 20%	40 MI
10	Javelin	Metil metsulfuron 20%	40 MI
11	Ferterra	Chlorantraniliprole 0,4%	25 Kg
12	Gallant	Haloksifop-R-metil ester 108 g/l	1,5 L
13	Basta	Ammonium glufosinat 150 g/l	2,4 L
14	Golma	Oksifluorfen 240 g/l	1,1 L
15	Bayfolan	N 11%, P2O5 8%, K2O 6%, unsur-unsur hara mikro	200 MI
16	Dolomit	CaO 30%, MgO 18%	750 Kg
17	ZA	N 21%, S 24%	42 Kg
18	TSP	P2O5 46%	166 Kg
19	MOP	K2O 60%	42 Kg
20	Urea	N 46%	17 Kg