



Soil fumigation updates

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Nursery Soil Fumigant Usage – 2015-17

Time of Fumigation	2017 Data	2016 Data	2015 Data
Fall	20 nurseries	14 nurseries	25 nurseries
Spring	6 nurseries	9 nurseries	14 nurseries
Avg Acreage	23 acres / fum	26 acres / fum	18 acres / fum
Total Acreage	461 acres	508 acres	528 acres

Fumigant MBr/Chl	2017	2016	2015	Rates
98/2	0	1	2	300 - 400 lbs / acre
80/20	26	16	19	240 – 450 lbs / acre
67/33	3	3	5	350 - 400 lbs / acre
TriFecta / Telone / Pic +	1	3	13	275 – 350 lbs / acre

Plastic	2017	2016	2015
TIF	81%	82%	98%
HDPE	6%	17%	1%
LDPE	13%	1%	1%

Current Nursery Usage: 2013-2017

	Active Ingredient lbs/acre Southwide US				
	MBr	Chlor	DMDS	Telone	Other
2013	214	69	170	77	0
2014	234	72	162	79	340
2015	239	85	220	107	353
2016	246	89	0	15	0
2017	266	78	0	0	0

Current Nursery Usage: 2013-2017

	Total Soil Fumigant Used lbs/Year				
	MBr	Chlor	DMDS	Telone	Other
2013	118,532	36,553	1595	3180	0
2014	130,101	40,043	3363	4459	1020
2015	109,660	37,776	2200	6003	3585
2016	124,716	44,952	0	7620	0
2017	188,755	50,054	0	0	0

EPA / USDA / MeBTOC

- **No contacts from APHIS, USDA, EPA or MeBTOC concerning regarding pre-shipment and quarantine (QPS) or any other soil fumigant.**
- **The current Administration and Cabinet Leaders will result in little to no changes in labels or Re-registration over the next two years.**
- **Quietest phone in years with respect to chemistry concerns.**



So . . . For now

○ SFNMC

- Collect soil fumigant usage and soil fumigant concerns annually – Spring 2018 and Fall 2018.
- Compile and respond to requests from EPA as they appear on Federal Register.
- Federal Register Schedule for RED's – way behind.
- Keep Advisory group informed.
- *Need to watch closely the current glyphosate law suit against ~~Monsanto~~ Bayer Crop Science in San Francisco.
- Hundreds more waiting worth billions of dollars.

Forest Stewardship Council - FSC

- **FSC-certified Organizations are required to use integrated pest management (IPM) to avoid, or aim to eliminate, the use of chemical pesticides in FSC certified management units, and thus minimize risks to human health and the environment while maintaining economically viable management. *"The long-term ambition of the FSC Pesticides Policy is phasing out the use of chemical pesticides in FSC-certified forests"***
- **In 2009 and 2012, FSC attempted to get "forest-tree nurseries" listed as part of the management unit.**
- **Comments collected and submitted to FSC leadership, subject was tabled both times.**
- **2018 FSC trying again to get "forest-tree nurseries" listed as part of the management unit.**
- **Includes ownership and 'third-party nurseries'**
- **List of Highly Hazardous Pesticides – HHP**
 - **glyphosate, 2, 4-D, Captan**
 - **Cyproconazole, Methyisothiocynate**
 - **Picloram, 1,3-dichloropropene, methyl bromide**

Forest Stewardship Council - FSC

- **Action Item?**

- **How many organizations are part of FSC?**