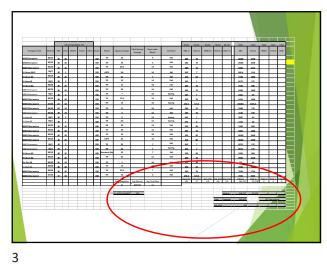
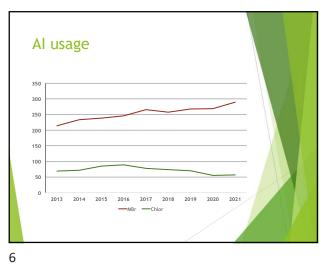


Today's Date:						= \\	
Company or State Forestry Org.: Nursery:							
County: State:						- \\	
Furrigant	Furnigation: Spring or Fall	Mixture/Rate	Plastic Type	Acrosge	Days under Plastic		
		-			-		
		-				4	
		_		_			
			_				



Nurser	Nursery Soil Fumigant Usage: 2018-2021									
Time of Fumigation			2020 Data			2019 Data			2018 Data	
Fall	21 nurserie	es	20 nurseries			23 nurseries			23 nurseries	
Spring	5 nurseries	,	7 nurseries			7 nurseries			9 nurseries	
Avg Acreage	21 acres		22 a	icres		29 acr	es		20 acres	
Total Acreage	562 acres		690	acres		655 ac	res		639 acres	
Fumigant MBr	/Chl	202	21	2020	20	19	2018		Rates	
98/2		7		7		2	0	300 -	400 lbs / acre	
80/20	30/20		20		2	24 27		240 - 450 lbs / acre		
67/33		2		3		3	4	350 -	400 lbs / acre	
TriFecta / Telo	ne / Pic +	0		1		1	1	275 -	350 lbs / acre	
Plastic	2021			2020			2019		2018	
TIF	86%			86%			88%		87%	
HDPE	3%			11%			6%		10%	
LDPE	11%			3%			6%		3%	

	Curre	nt Nurs	ery AI L	Jsage: 2	2013-20	21			
		Active Ingredient Ibs/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			
	2018	258	74	0	96	0			
١	2019	268	70	0	96	0			
١	2020	269	55	0	96	0			
	2021	290	57	0	0	0			
						y			



Current Nursery Usage: 2013-2021

	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			
2018	206,448	43,129	0	96	0			
2019	238,598	47,323	0	96	0			
2020	186,036	38,100	0	403	0			
2021	162,737	32,278	0	0	0			
				Access	100			

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EPA / USDA / MeBTOC

- No contacts from APHIS, USDA, EPA or MeBTOC concerning regarding Soil Fumigation
 - The current Administration and Cabinet Leaders will have yet to indicated any changes in labels or Re-registration of the soil fumigants.
 - There were four specific requests for data on pesticide use from USDA-APHIS and EPA in seedling production systems.
 - ► Ronstar Flo (oxadiazon)
 - ► PTM (fipronil)
 - ▶ Goal (oxyfluorfen)
 - ► Proline (prothioconazole)
 - Working with members and cooperators, the Nursery Cooperative submitted letters to the agencies indicating the use of these compounds in nurseries and the importance to the industry.
 - Those that make decisions on pesticide use are now up to date with how seedling production would be affected without these important pesticides.

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