

Practice Exercise

You arrive at a scheduled appointment and begin an interview at 3:00pm with a Michigan operator named John Smith. It is an individual operation without any changes. It turns out that the acreage insert was incorrect, so you are going to need to ask about the acreages of the operation.

According to John, he owns 80 acres and rents an additional 520 acres. Out of the total 600 acres, 580 of them are cropland, and out of the 580 acres of cropland, 300 of them are vegetables. John then tells you that he has 15 acres of snap beans, 50 acres of asparagus, 15 acres of squash, and 75 acres of tomatoes, and he also tells you that all of the vegetables received both pesticide and fertilizer applications.

Snap Bean Spray records:

Dual Magnum	100-816	1 ¾ pints	15 acres	Used Once
Basagran 5 L Raptor	7969-112 241-379	1 pt. 4 oz	15 acres	Used Once
Mustang Maxx	279-3426	2.5 ounces	15 acres	Used Once
Warrior II w/ zeon	100-1295	1.33 oz	15 acres	Used Once
Baythroid XL	264-840	1 ¼ ounce.	15 acres	Used Once

Squash Spray Record:

Curbit EC Command 3 ME	34704-610 279-3158	1 ½ quart 1 quart	15 acres	Used Once
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Manzate Prostick	70506-234	2.5 pounds	15 acres	Used Once
Zampro	7969-302	14 ounces	15	Used twice
Bravo 720	66222-276	1.33 pints	acres	
Mustang Maxx	279-3426	2.5 ounces		
Orondis Opti	100-1591	2 oz	15	Used twice
Actara	100-938	3 oz	acres	
Previcur Flex	264-678	¾ pint	15	Used twice
Bravo 720	66222-276	1.33 pints	acres	
Mustang Maxx	279-3426	2 ½ oz		

Asparagus Spray Record:

Strategy	34704-836	1 quart	50	Used Once
Dual Magnum	100-816	1.5 pint	acres	
Reflex	100-993	1 pt		
Sandea	81880-18	½ oz	50	Used Once
			acres	
Manzate Prostick	70506-234	2.5 lbs	50	Used Once
Kocide 3000-O	91411-2	¾ lb	acres	
Quintec	33906-26	5 oz	50	Used twice
Manzate Prostick	70506-234	2.5 lbs	acres	
Quintec	33906-26	5 oz	50	Used twice
Manzate Prostick	70506-234	2.5 lbs	acres	
Mustang Maxx	279-3426	3 oz		
Torino	8033-103	3.4 oz	50	Used twice
Manzate Prostick	70506-234	2.5 lbs	acres	
Actara	100-938	2.5 lbs		

According to John, Weather is a factor to be able to make chemical applications at the correct time.

Chemicals are mixed in different combinations, so that there is there is the least pest resistance, to keep spray applications at a minimum. The chemical dealer was the most prominent person doing the scouting, and he did make recommendations, informing John that there was a pest advisory warning up for some of the vegetables. He scouted for insects, weeds, and disease. The professional scouters keep good and accurate records that can be followed along with watching where the levels of infestations are at. Field maps were made valuable to John as he has many different types of vegetables to know where to put the next years' rotation of commodities and to keep the pest resistance and disease pressure down. Cover crops are planted in other vegetable acres, along with some varieties that have pest resistance in the seed. Full tillage is the best practice for vegetables in the area. Plant spacing and locations are used, to be able to keep additional control, also to maintain some acres for cultivation. Pheromone traps are essential in his operation along with keeping all of the equipment free of field residue. He has acres under drip irrigation, along with overhead irrigation, all with the thought to be able to control the water, so that it gets where it is needed at all times.

Enumerator completed the survey with operator at 3:45 pm on November 10th.