

Review Insects 886009.

This paper review is well documented and analyzed about control of grasshopper in USA.

| Lines      | Observations/ Suggestions                                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 91, 94, 98 | It is suggested not using commercial names of insecticides, but it will be authors or the journal decision                                                                                    |
| 94-105     | It is no mentioned how effective were the applications of diflubenzuron on grasshopper populations                                                                                            |
| 104-105    | What about studies on pesticide resistance on grasshopper chemical control?                                                                                                                   |
| 119        | Incomplete sentences at the end of the line                                                                                                                                                   |
| 123        | What types of applications conditions?                                                                                                                                                        |
| 126        | Carbaryl is the only registered bait in USA, but for any specific pest?                                                                                                                       |
| 127        | What do you mean 0.23 kg pounds?                                                                                                                                                              |
| 137-138    | Is the malathion extremely toxic for beneficial insects?                                                                                                                                      |
| 145        | What is the reason to use pesticide commercial names                                                                                                                                          |
| 177        | It is better to use Applied Biological Control is defined...                                                                                                                                  |
| 221        | A complete reference is used, instead of a number                                                                                                                                             |
| 292-293    | A similar paragraph was described in lines 280-284                                                                                                                                            |
| 292-297    | Any explanation why nematodes are not used for grasshopper biocontrol?                                                                                                                        |
| 307-308    | Reference 55 is missing                                                                                                                                                                       |
| 312        | Use of an author of a species name                                                                                                                                                            |
| 315-316    | The use of <i>P. locustae</i> is registered for long term reduction of grasshopper in USA, but It is questionable because its efficiency and economics for large-scale grasshopper outbreaks. |
| 380        | A references number for Hoog (1972) may be necessary                                                                                                                                          |
| 412-418    | Italics names for several fungi may be necessary                                                                                                                                              |
| 460        | Reference number for Athanassius et al (2017) may be necessary                                                                                                                                |
| 367        | It is suggested to begin Bait Formulation section with poisonous baits, then later with mycoinsecticides                                                                                      |
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