

BAB VI

KESIMPULAN DAN SARAN

6.1. Kesimpulan

1. Sumber pajanan petani memakai pestisida melalui pernapasan(inhalasi) terjadi pada alur kerja membawa, mencampur, menyemprot, mencuci, serta menyimpan; melalui kulit (dermal) pajanan terjadi pada proses pencampuran dan penyemprotan; melalui pencernaan (digesti) pajanan terjadi pada proses penyemprotan petani menyemprot sambil makan dan minum bahkan ada yang merokok.
2. Perilaku petani di desa Curut dalam menggunakan pestisida kurang baik. Tangki semprot yang dibawa oleh petani masih mengandung pestisida, petani mencampur pestisida kurang lebih 3-8 jenis pestisida dalam sekali pencampuran, jarang membaca label pada kemasan sehingga dosis tidak sesuai ukuran yang dianjurkan, melakukan proses penyemprotan tidak sesuai jadwal/petunjuk dalam kemasan, tidak memperhatikan arah angin, disemua tahapan dari membawa, mencampur, menyemprot, mencuci hingga menyimpan petani tidak menggunakan alat pelindung diri yang baik dan benar.
3. Nilai RQ penggunaan pestisida oleh petani di Desa Curut telah melebihi dari nilai 1, hal ini berarti petani di desa Curut telah melampaui batas aman yang diperkenankan dalam menggunakan pestisida.

4. Analisis risiko serta penetapan titik kendali kritis (pada HACCP) dapat digunakan sebagai metode untuk menentukan toolkit yang dapat digunakan untuk mengurangi pajanan pestisida pada petani di Desa Curut.
5. Toolkit Reduksi Risiko Pestisida sebagai hasil penelitian disusun oleh petani, Dinas Pertanian, dan peneliti diperuntukan bagi petani dalam membantu mengurangi dan mencegah pajanan pestisida serta pencemaran lingkungan.

6.2. Saran

1. Bagi Pemerintah
 - a. Petani merupakan pekerja informal yang kurang memahami aplikasi mengolah pestisida seperti cara kerja, pelindung diri untuk itu perlu campur tangan pemegang kebijakan untuk mengawasi kerja petani.
 - b. Perilaku petani yang kurang baik dalam menggunakan pestisida perlu diperbaiki supaya tidak menjadi budaya dengan cara pelatihan dengan Toolkit Reduksi Risiko Pestisida.
 - c. Kebijakan serta pengawasan baik dari pemerintah maupun perusahaan terkait prosedur penggunaan pestisida yang baik dan aman untuk petani.

2. Bagi Masyarakat dan Akademisi

- a. Kerja sama antar kelompok tani, Dinas Pertanian, Distributor/Agen pestisida serta pihak akademik dalam kegiatan pengabdian masyarakat secara swadaya melakukan pengawasan kerja petani untuk mengurangi pajanan pestisida.
- b. Untuk pihak akademik dapat mengembangkan metode analisis risiko serta titik kendali kritis (HACCP) dalam memprediksi pajanan pestisida yang masuk dalam tubuh petani.

3. Bagi Petani

- a. Petani sebaiknya patuh dan taat dalam menerapkan Toolkit Reduksi Risiko Pestisida untuk mengurangi pajanan pestisida.
- b. Petani sebaiknya selalu menggunakan alat pelindung diri walaupun tidak diawasi oleh Dinas Pertanian agar kesehatan petani tetap terjaga.

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