

# ISO 16119-2:2013-03 (E)

## Agricultural and forestry machinery - Environmental requirements for sprayers - Part 2: Horizontal boom sprayers

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>List of significant hazards .....</b>	<b>2</b>
<b>5</b>	<b>Requirements .....</b>	<b>3</b>
<b>5.1</b>	<b>General .....</b>	<b>3</b>
<b>5.1.1</b>	<b>Spray tank .....</b>	<b>3</b>
<b>5.1.2</b>	<b>Lines (hoses and pipes) .....</b>	<b>5</b>
<b>5.1.3</b>	<b>Spray boom .....</b>	<b>5</b>
<b>5.1.4</b>	<b>Filter .....</b>	<b>7</b>
<b>5.1.5</b>	<b>Nozzles .....</b>	<b>7</b>
<b>5.1.6</b>	<b>Measuring systems .....</b>	<b>8</b>
<b>5.1.7</b>	<b>Provisions for connecting test equipment .....</b>	<b>8</b>
<b>5.2</b>	<b>Volume/hectare adjustment system .....</b>	<b>8</b>
<b>5.2.1</b>	<b>General .....</b>	<b>8</b>
<b>5.2.2</b>	<b>Measurements .....</b>	<b>8</b>
<b>5.3</b>	<b>Distribution and control of spray drift .....</b>	<b>9</b>
<b>5.3.1</b>	<b>Distribution .....</b>	<b>9</b>
<b>5.3.2</b>	<b>Control of spray drift .....</b>	<b>10</b>
<b>5.4</b>	<b>Cleaning .....</b>	<b>10</b>
<b>5.4.1</b>	<b>Water tank .....</b>	<b>10</b>
<b>5.4.2</b>	<b>Cleaning systems .....</b>	<b>10</b>
<b>5.5</b>	<b>Cleaning devices .....</b>	<b>10</b>
<b>5.6</b>	<b>Additional requirements for band sprayers .....</b>	<b>11</b>
<b>5.6.1</b>	<b>General .....</b>	<b>11</b>
<b>5.6.2</b>	<b>Nozzles .....</b>	<b>11</b>
<b>5.6.3</b>	<b>Distribution .....</b>	<b>11</b>
<b>5.7</b>	<b>Additional requirements for spray guns and lances .....</b>	<b>11</b>
<b>6</b>	<b>Verification .....</b>	<b>12</b>
<b>7</b>	<b>Marking .....</b>	<b>12</b>
<b>8</b>	<b>Instruction handbook .....</b>	<b>12</b>
Bibliography .....		14