



Company Name: SINON AUSTRALIA PTY LIMITED  
Product Name: Sindor 600 Flowable Seed Treatment  
APVMA Approval No: 83389/108166

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| Label Name: | Sindor 600 Flowable Seed Treatment |
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| Signal Headings: | POISON<br>KEEP OUT OF REACH OF CHILDREN<br>READ SAFETY DIRECTIONS BEFORE OPENING OR USING |
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| Constituent Statements: | 600 g/L IMIDACLOPRID |
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| Mode of Action: | GROUP 4A INSECTICIDE |
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| Statement of Claims: | For the control of various insect pests in a range of crops and the protection of spread of barley yellow dwarf virus in cereal crops, as specified in the Directions for Use |
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| Net Contents: | 5L to 1000L |
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| Restraints: |  |
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| Directions for Use: | This section contains file attachment. |
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| Other Limitations: | - |
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| Withholding Periods: | Harvest:<br>Cotton and food producing crops: NOT REQUIRED WHEN USED AS DIRECTED<br><br>Grazing:<br>Maize, sorghum, or sweet corn plants growing from treated seed: DO NOT GRAZE OR CUT FOR STOCK FOOD WITHIN 4 WEEKS OF SOWING. |
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Pasture, canola or forage brassica plants grown from treated seed: DO NOT GRAZE OR CUT FOR STOCKFEED FOR SIX WEEKS OF SOWING.  
Cereal or lupins plants grown from treated seed: DO NOT GRAZE OR CUT FOR STOCK FOOD WITHIN NINE WEEKS OF SOWING.

Trade Advice:

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General Instructions:

Cotton

Mixing and seed treatment

Prior to pouring or pumping Sindor 600 Flowable Seed Treatment from the container, either shake the container vigorously or operate pump by-pass to ensure thorough mixing of the contents. Flowable formulations will settle over time. Add most of the water into the mixing vat, followed by flowable fungicides (e.g. quintozene), coating agents (e.g. Peridam, Nancret) and Sindor 600 Flowable Seed Treatment and stir until homogeneous. Then add the emulsifiable liquid fungicide (e.g. Apron 200SL) slowly whilst stirring. Calibrate commercial seed dressing equipment to ensure the seed throughput is mixed with the correct dose of slurry seed dressing. Ensure the seed dressing mixture is applied to the maximum number of seeds when initially applied to the seed. Retain seed in mixing chamber until coverage on seed is good. Store treated seed under cover in cool, dry conditions. Do not treat seed with poor viability. Do not store treated seed near foodstuffs or where likely to prove hazardous to humans or animals.

Forage and seed pasture, canola, forage brassicas, lupins, summer crops

Mixing and seed treatment

Prior to pouring, shake container vigorously, then add the required quantity of Sindor 600 Flowable Seed Treatment to sufficient water to give even coverage of the seed to be treated. Place seed in mixing equipment and rotate. Mix Sindor 600 Flowable Seed Treatment with sufficient water to give even coverage of seed and spray onto seed. For small seeds, apply a total volume of Sindor 600 Flowable Seed Treatment plus water of 1.5 L/100kg seed. For large seeds, apply a total volume of Sindor 600 Flowable Seed Treatment plus water of 500 mL/100kg seed. Continue rotation until all liquid is distributed on seed. Store treated seed under cover in cool, dry conditions. Do not treat seed with poor viability. Do not store treated seed near foodstuffs or where likely to prove hazardous to humans or animals. Do not carry over maize, sorghum, sunflower or sweet corn seed from one season to the next season. The insecticidal activity of Sindor 600 Flowable Seed Treatment on the seed is maintained for a minimum of two seasons. Flow rate: Sindor 600 Flowable Seed Treatment treated seed may slow flow rate of seed. Check flow rate of seed through sowing machinery before sowing to ensure the desired seeding rate is achieved.

Cereal crops

Mixing and seed treatment

Prior to pouring, shake container vigorously, then add the required quantity of Sindor 600 Flowable Seed Treatment to sufficient water to give even coverage of the cereal seed to be treated. The quantity of water used for mixing will vary depending on type of equipment and quantity of seed. Use a minimum of 400 mL of mixture (product + water) with each 100 kg of seed. Whatever dilution is used it is essential that 120 mL or (240 mL) of Sindor 600 Flowable Seed Treatment is applied/100 kg seed. The mixture should be gently stirred regularly.

Seed quality

Sindor 600 Flowable Seed Treatment seed treatment should not be used on seed with more than 12% moisture content, or on sprung, sprouted, damaged or severely pinched seed of poor viability. If in doubt, have a germination test carried out on the seed before treatment to ensure that it is of acceptable standard. Treating with Sindor 600 Flowable Seed Treatment as directed may raise the moisture level of the seed by up to 0.6%, depending on conditions at treatment. The use of Sindor 600 Flowable Seed Treatment mixed with the water at recommended rates will have no effect on the storage life of treated sound seed.

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|  | <p><b>Compatibility</b><br/>Sindor 600 Flowable Seed Treatment Flowable Seed Dressing Insecticide is compatible with Baytan C Flowable Seed Dressing and Raxil C Flowable Seed Dressing for use on cereal seeds. Do not use more than 600 mL of total mixture /100 kg seed (i.e. Sindor 600 Flowable Seed Treatment plus Baytan or Raxil plus water). Sindor 600 Flowable Seed Treatment Flowable Seed Dressing Insecticide may be applied with Jockey Systemic Seed Fungicide or with Semevin P Seed Dressing Insecticide.</p> <p><b>Storage of treated seed</b><br/>Do not store treated seed near foodstuffs or where likely to prove hazardous to humans or animals. If the seed is not used immediately after treatment it should be stored in a dry, well ventilated place. Although Sindor 600 Flowable Seed Treatment has no effect on the viability of treated seed, subsequent germination can be adversely affected by poor storage conditions such as high moisture combined with high temperatures. No liability can therefore be accepted for the performance of stored treated seed.</p> |
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| <b>Resistance Warning:</b> | <p><b>INSECTICIDE RESISTANCE WARNING</b><br/><b>GROUP 4A INSECTICIDE</b><br/>For insecticide resistance management Sindor 600 Flowable Seed Treatment is a group 4A insecticide. Some naturally occurring insect biotypes resistant to Sindor 600 Flowable Seed Treatment and other Group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Sindor 600 Flowable Seed Treatment and other group 4A insecticides are used repeatedly. The effectiveness of Sindor 600 Flowable Seed Treatment on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, Sinon Australia Pty Ltd accepts no liability for any losses that may result from the failure of Sindor 600 Flowable Seed Treatment to control resistant insects. Sindor 600 Flowable Seed Treatment may be subject to specific resistance management strategies. For further information contact your supplier, Sinon Australia Pty Ltd representative or local agricultural department agronomist.</p> |
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| <b>Precautions:</b> | <p><b>PRECAUTIONS</b><br/>When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated with this product. Do NOT allow seed treated with this product to contaminate seed intended for human consumption. Do NOT use treated seed for human consumption. Bags which have held treated seed are not to be used for any other purpose.</p> |
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| <b>Protections:</b> | <p><b>PROTECTION OF LIVESTOCK</b><br/>Seed treated with this product must not be used for animal consumption or poultry feed or mixed with animal feed. Do NOT allow seed treated with this product to contaminate seed intended for animal consumption.</p> <p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b><br/>Do NOT contaminate ponds, waterways and drains with this product, used containers or bags which have held treated seed. Do NOT feed treated seed or otherwise expose to wild or domestic birds. Any spillages of treated seed, however minor, must be cleaned up immediately, preferable by recovery and re-use. If disposal is required, ensure treated seeds as thoroughly buried and not accessible to birds and other wildlife.</p> |
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| <b>Storage and Disposal:</b> | <p>Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.<br/>Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.</p> |
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If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product

Refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Safety Directions:

Harmful if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with the eyes and skin. When opening the container and using the product, wear elbow length PVC gloves. Wash hands after use. After each day's use wash gloves.

First Aid Instructions:

If poisoning occurs, contact a Doctor or Poisons Information Centre Phone Australia 13 11 26.

First Aid Warnings:

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| Crop   | Pest   | Rate   | Critical Comments   |
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| Cotton   | Thrips   | 580mL, 875mL or 1.17L/100kg seed   | Thrips damage is dependent upon thrips infesting cotton seedlings and the subsequent growth rate of the plants. Choose a higher rate if thrips pressure is expected (e.g. winter cereal and weeds supporting thrips) and/or cotton seedlings are expected to experience slow growth (e.g. cool weather from early planting or sown in shorter season districts). The mid-rate is considered a general rate for normal conditions. |
|  | Aphids   | 875mL or 1.17L/100kg seed  | When applied for thrips control, these rates will also control early season aphids.   |
|  | Brown flea beetle  | 580mL, 875mL or 1.17L/100kg seed   | When applied for thrips control, these rates will also reduce damage to cotyledons caused by brown flea beetle.   |
|  | Wireworms  | 875mL or 1.17L/100kg seed  | Use the higher rate for increased length of control.  |
| Maize<br>Sorghum<br>Sunflower<br>Sweetcorn   | Sugarcane wireworm ( <i>Agrypnus variabilis</i> )<br>Eastern false wireworm ( <i>Pterohelaeus darlingensis</i> )<br>Striate false wireworm ( <i>Pterohelaeus alternatus</i> )<br>Southern false wireworm ( <i>Gonocephalum macleayi</i> )<br>Black field earwig ( <i>Nalva lividipes</i> )<br>Wingless cockroach ( <i>Cosmozosteria</i> spp., <i>Calolampira elegans</i> , <i>C. solidata</i> )<br>Field cricket ( <i>Teleogryllus commodus</i> )<br>Black sunflower scarab ( <i>Pseudoheteonyx basicollis</i> ) | Maize: 1.4mL/1000 seeds<br>Sorghum, sunflower, sweet corn: 430mL/100kg of seed | Apply only to high quality seed. Ensure thorough coverage of seed.  |
| Canola   | Aphids   | 400mL/ 100kg of seed   | Sindor 600 Flowable Seed Treatment will protect canola seedlings from early season aphid damage.  |
| Forage and seed pasture (e.g. grasses such as ryegrass, fescue and phalaris; clovers such as subterranean, white, and strawberry; medics; lucerne) |  |  | Sindor 600 Flowable Seed Treatment will protect emerging seedlings for 3-4 weeks after sowing. Crops must be monitored in the first 4 weeks of emergence to ensure product performance.   |
| Forage brassicas (kale, turnips, rape and Swedes)  |  |  |   |

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| Lupins  | Aphids  | 300mL/100kg seed           | Sindor 600 Flowable Seed Treatment will protect emerging seedlings for 3-4 weeks after sowing. Crops must be monitored in the first 4 weeks of emergence to ensure product performance.                         |
| Cereals | Feeding damage caused by wheat aphid and corn aphid | 120 or 240mL/100kg of seed | Use the higher rate for increased length of control and in areas of high risk.  |
|         | Spread of barley yellow dwarf virus                 |                            | In high risk areas with over 500mm of rain or in moderate risk areas with over 400mm of rain in seasons following summer rains, a synthetic pyrethroid top-up spray should be applied 7 - 8 weeks after sowing. |

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL  
UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**