| luster | Product (Group) | Registration # | Crop (crop group) | Application placement | Formulation type | WALES mixing order | Maximum applications* | Application rate* | Adjuvant | Interval (days) | REI (hours) | PHI (days) | Control of | Suppression of | Comments | |
|--------------|--|-------------------|----------------------------------|-----------------------|------------------|--------------------------|---------------------------------|--|-------------------------|--------------------|---|------------------------------------|--|--|--|--|
| Biole | ogicals | | | | | | | | | | | | | | | |
| mulant | O Amatis | 2017126F | All | Drench or soil | L | S | NA | 1.4 L/acre (3.5 L/ha) | None | 14 to 21 | 0 | 0 | | | Helps to revitalize and improve the rhizosphere around plant roots, promoting root growth allowing for improved yield and uniformity. | |
| Biostii | Megafol | 2016013D | All | Foliar | L | S | NA | 1.0 L/acre (2.5 L/ha) | None | 10 to 15 | 0 | 0 | | | Helps plants respond to abiotic stress including: physical injury, heat, cold, and drought. In case of physical injury apply as soon as possible after. | |
| Fung | gicides | | | | | | | | | | | | | | | |
| | Allegro (Group 29) | 27517 | Bulb onions (3-07A) | Foliar | SC | L | 5 | 0.47 L/acre (1.16 L/ha) | None | 7 to 10 | 3 days for hand weeding, 24 hours for all other activities | 7 | | Botrytis leaf blight, purple blotch, Stemphylium | | |
| | (Group 7) | 31981 | Dry bulb and green onions (3-07) | Foliar | EC | Е | 4 | 0.3 L/acre (0.75 L/ha) | None | 7 to 14 | 12 | 7 | Purple blotch, garlic rust | Stemphylium leaf blight | | |
| | (Group 3 + 7) | 31526 | Dry bulb and green onions (3-07) | Foliar | EC | Е | Green onion: 3 Bulb onion: 4 | 0.39 L/acre (0.967 L/ha) | None | 7 to 14 | 12 | 7 | Purple blotch, garlic rust | Stemphylium leaf blight | If not treating for purple blotch, the use of Aprovia® fungicide is recommended. | |
| Leaf blights | BravoZNC (Group M) | 28900 33515 | Dry bulb and green onions | Foliar | SC | L | 2 | 0.97 to 1.94 L/acre (2.4 to 4.8 L/ha) | None | 7 to 10 | 6 days for hand weeding, 1 day for scouting, 12 hours for all other activities | Green onions: 14 Bulb onions: 7 | Botrytis leaf blight | | | |
| | ≺Miravis°Duo (Group 3 + 7) | 33206 | Dry bulb and green onions (3-07) | Foliar | SC | L | Green onion: 3 Bulb onion: 4 | 0.4 L/acre (1 L/ha) | NIS 0.125% v/v | 7 to 14 | 12 | 7 | Purple blotch | Botrytis leaf blight, Stemphylium leaf blight | Maximum number of consecutive sprays is 2 applications, then switch to a non-Group 7 and 3 fungicide. Target disease varies by crop. | |
| | Quadris Top° (Group 3 + 11) | 30518 | Dry bulb and green onions (3-07) | Foliar | SC | L | Green onion: 3 Bulb onion: 4 | 0.29 to 0.4 L/acre (0.71 to 1 L/ha) | NIS 0.125% v/v | 7 to 14 | 12 | 7 | Purple blotch, downy mildew, Botrytis leaf blight | Leaf blotch, Stemphylium leaf blight | | |
| | (Group 9 + 12) | 28189 | Dry bulb and green onions (3-07) | Foliar | WG | W | 3 | 313-395 g/acre (775 to 975 g/ha) | None | 7 to 14 | 3 days for hand weeding, 12 hours for all other activities | 7 | Botrytis leaf blight | Purple blotch | | |
| | Orondis'Ultra Group 40 + 49) | 32805 | Dry bulb and green onions (3-07) | Foliar | SC | L | 4 | 0.16 L/acre (0.4 L/ha) | None | 7 to 10 | 12 | 7 | Downy mildew | | The use of a penetrating surfactant such as LI700® is recommended | |
| 7 | Orondis [®] Gold DC (Group 4 + 49) | 35176 | Bulb veg | Foliar | EC | E | 3 | 0.4 L/acre (1 L/ha) | None | 5 to 10 | 12 | 7 | | Downy mildew | Recommended water volume is 200 - 800 L/ha. | |
| Downy | RidomilGold® (Group 4) | 28474 | Bulb onions | Foliar | SL | L | 3 | 84.2mL/ac (208mL/ha) | None | 7 | 12 | 7 | Downy mildew in bulb onions | Downy mildew in green onions | Ridomil Gold 480SL must be applied in a tank mix that includes a non-Group 4 fungicide with efficacy against downy mildew. | |
| , | (Group 40) | 29074 | Dry bulb onions (3-07A) | Foliar | SC | L | 4 | 0.16 L/acre (0.4 L/ha) | NIS 0.25% v/v | 7 | 12 | 7 | Downy mildew | | | |
| Inse | ecticides | | | | | | | | | | | | | | | |
| | Agri-Mek°SC | | Dry bulb onions (3-07A) | Foliar | SC | L | 3 | 55 to 109 mL/acre (135 to 270 mL/ha) | NIS 0.25% to 0.5% v/ | 7 7 | 12 | 30 | Onion thrips | | | |
| Thrips | (Group 6) | 31607 | Green onions (3-07B) | Foliar | SC | L | 4 | 55 to 109 mL/acre (135 to 270 mL/ha) | NIS 0.25% to 0.5% v/ | 7 V | 13 days for hand weeding, 4 days for hand-set irrigation, 1 day for thinning and scouting, 12 hours for all other activities | 7 | Onion thrips | | | |
| • | Minecto® Pro (Group 6 + 28) | 33023 | Bulb veg | Foliar | SC | L | 3 | 0.31 L/acre (0.78 L/ha) | MSO 0.25% v/v | 7 | 12 | 30 | Thrips, Liriomyza leafminer | | | |
| Herb | bicide | | | | | | | | | | | | | | | |
| Grasses | Venture L (Group 1) | 21209 | Onions | Post- emergent | EC | Е | Low rate: 2 High rate: 1 | 0.41 to 0.81 L/acre (1 to 2 L/ha) | None | NA | 12 | Low rate: 42 High rate: 60 | Annual grasses and quack grass | | Application rate differs by target. Two applications at low rate with short PHI permitted; one application at high rate with long PHI permitted. | |



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Onion application timing











| Pre-emergence | Loop | 3-4 leaf | Bulb initiation | Bulb development | Fall-down | |
|---------------|------|----------|--------------------|------------------------------|-----------|--|
| | | | | № Quadris Top° | | |
| | | | BravoZN / BravoZNC | | | |
| | | Allegro* | | | | |
| | | | - Aprovia / | Aprovia Top | | |
| | | | × ¾ Mira | avis Duo | | |
| | | | Orondis Gold DC | / Orondis [*] Ultra | | |
| | | | | RidomilGold® | | |
| | | Amatis | | | | |
| | | | OM | legafol [°] | | |
| | | | Minecto Pro | | | |
| | | ₹ Ven | ture° L | | | |

*For complete information regarding rates, see product label. Rate information is based on product labels.

If a product label contains rate ranges, then this quick reference guide will list either: (i) the complete rate range; (ii) the most commonly used rate. Always refer to the label to confirm crop/crop group registration and application information, as well as buffer zones, PPE, etc., before application.

All information is current at time of publication and is subject to change without notice. For more information, contact our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682) or visit Syngenta.ca.

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