



Nutrient Express® Technology Supplement To Aid Crop Production

ANALYSIS:

Nitrogen (N) as urea.....	2%
Phosphorus (P) Total	0.4%
As water soluble	0.4%
Potassium (K) as carbonate	4.5%
Potassium (K) as phosphate	0.5%
Calcium (Ca) as chelated calcium	1%
Biuret	0.07% Maximum

MP430 is a nutritional supplement derived from sea plant extracts (*Ascophyllum nodosum*) to supplement the nutritional needs of crops.

MP430 also contains Nutrient Express® technology which is the sole intellectual property of Miller Chemical and Fertilizer Corporation, USA. This product contains protein in the form of acids, carbohydrates and a multi vitamin complement.

Net Contents : 5 L

Manufactured by: **Miller Chemical & Fertilizer Corporation**
Hanover, Pennsylvania, 17331, USA.

Distributed in Australia by



Agspec Australia Pty Ltd
ABN 401 095 739 53

PO Box 1006, Mt. Gambier, S.A., 5290, Ph 0427 490 551

APVMA Approval no. EXEMPT

APPLICATION INSTRUCTIONS: Shake well before using.

For specific crop recommendations, contact your Farm Adviser or a company representative. Apply with sufficient water to get thorough foliage cover 30 to 90 L/ha for aircraft sprayers and 100 to 2000 L/ha for ground applied equipment. MP430 can be used with a surfactant.

DIRECTIONS FOR USE:

CROPS	RATE	COMMENTS
Cotton	35-75 mL/ha	Apply in seed furrow.
	75 mL/ha	Spray in a band at 1 to 3 leaf stage.
	220-300 mL/ha	Spray at pinhead or matchhead square.
	440-510 mL/ha	Spray at early bloom and to late bloom.
Corn (field)	75 mL/ha	Apply in seed furrow at planting.
	220-365 mL/ha	Spray in a band at 5 to 7 leaf stage.
	220-365 mL/ha	Repeat 2 weeks later.
Corn (Sweet, popcorn)	75 mL/ha	Apply in seed furrow at planting or with seed.
	220-365 mL/ha	Spray in a band at 3 to 5 leaf stage (30 to 40cm).
	220-365 mL/ha	Repeat 2 weeks later.
Rice	220-510 mL/ha	Spray at 3 to 7 leaf stage.
	220-510 mL/ha	Spray at panicle differentiation.
Sorghum	75 mL/ha	Apply in seed furrow at planting.
	220-365 mL/ha	Banded spray at 5 to 7 leaf stage.
	220-365 mL/ha	Apply at boot to early bloom.
Soybeans	220 mL/ha	Broadcast preplant incorporated with herbicide or 35-75 mL/ha in furrow with seed.
	220 mL/ha	Spray at third to fifth trifoliolate.
	365 mL/ha	Spray at pod fill.
Wheat, barley, rye	510 mL/ha	Spray when plants have 3 to 5 true leaves.
Forage crops Legumes or grasses	365-510 mL/ha	Spray MP430 4 to 6 weeks after emergence and monthly thereafter. Mature crop: Spray MP430 as spring growth begins, 1 week before harvest and again 2 weeks after cutting.
Seed production	365-510 mL/ha	On established crops: Spray MP430 at the beginning of inflorescence development (early tillering) and again 2 weeks later. Spray 365-510 mL/ha at the beginning of bloom.

DIRECTIONS FOR USE:

CROPS	RATE	COMMENTS
Asparagus	875 mL/ha	Spray fern 2 weeks after last harvest.
	510 mL/ha	Spray monthly during fern growth.
Beans	150 mL/ha	Spray banded at the third trifoliolate.
	300 mL/ha	Spray (broadcast) at first bloom.
Broccoli, cabbage, cauliflower, celery, brussel sprouts	75 mL/ha	Band 2 weeks after transplant.
	150 mL/ha	Band 4 weeks after transplant. Repeat fortnightly.
Carrots, beets, other root crops.	365-510 mL/ha	Apply when seedlings have 3 to 6 leaves.
	220-440 mL/ha	Follow at 2 to 4 week intervals.
Cucurbits (watermelons, cantaloupe, cucumbers, muskmelons)	75 mL/ha	Banded at 2 to 4 leaf stage.
	150 mL/ha	Banded when plants show first signs of running.
	365 mL/ha	Broadcast two weeks after first application.
Grapes	220-440 mL/ha	General: Apply MP430 at 220 mL/ha with all foliar nutritional or pesticide sprays. Sizing: Apply as tank mix with all GA sizing sprays. Harvest: Apply MP430 with high potash fertilizer. At 2 to 10 days before harvest to enhance sugar accumulation.
Onions, Garlic	510-1025 mL/ha	Make first application at bulb initiation. Repeat at two week intervals for up to 4 applications.
Peanuts	75 mL/ha	Apply two weeks after emergence, banded.
	365 mL/ha	Apply at bloom and at initial pegging.
Peppers: Bell , Chile, Cayenne, Jalapeno. Eggplant	75-150 mL/ha	Banded at the 3 to 5 leaf stage.
	220-440 mL/ha	Apply at 7 to 14 day intervals for 4 to 6 applications.
Potatoes	220 mL/ha	Add to fertilizer and incorporate in seed furrow prior to planting.
	365 mL/ha	Banded at stolonisation.
	510 mL/ha	Broadcast 4 - 6 weeks later.
Spinach, lettuce and other leafy vegetables	75-150 mL/ha	Begin at the 3 leaf stage and apply weekly at 220 - 365 mL/ha thereafter
Squash	150 mL/ha	Band at 2 to 4 leaf stage.
	510 mL/ha	Broadcast at early bloom.
	510 mL/ha	Broadcast at 14 day intervals.

DIRECTIONS FOR USE:

CROPS	RATE	COMMENTS
Sugar cane	510 mL/ha to 1175 mL/ha	Planting: In furrow over newly laid cane. Foliar: 1 st - at beginning of ratoon bud extension 2 nd - At beginning of sugar accumulation. 3 rd - One to three weeks before harvest.
Strawberries	220-510 mL/ha	Broadcast 2 to 3 weeks prior to coming out of dormancy.
	220-510 mL/ha	Broadcast at early bloom and at 14 day intervals thereafter.
Tomatoes (processing)	75 mL/ha	Apply in a band (35cm) 1 week after transplant or at 6 to 8 leaf stage.
	365-510 mL/ha	Broadcast at early bloom and again 2 weeks later.
Tomatoes (fresh)	75 mL/ha	Apply in a band (35cm) 1 week after transplant or at 6 to 8 leaf stage.
	220 mL/ha	Band 3 weeks later.
	365-510 mL/ha	Broadcast with calcium or foliar fertilizer every 14 days.
Nut crops - Almonds, pecans, pistachios, filberts, walnuts, cashews	510-1175 mL/ha	Apply MP430 with 10 kg/ha low biuret urea at mid-nut fill and again one month later. Add 220 mL/ha to each calcium spray. Apply 510 - 1175 mL/ha prior to flowering. Ask local crop advisor for specific regional timing.
All fruits: Apple, cherry, citrus, banana, stonefruit, pear, mango, papaya, pineapple	35 mL in 10 L water OR 510-1175 mL/ha	Spray at the following stages 1. At bud break to increase pollination efficacy. (MP430 will not harm bees or pollinating insects) 2. At 1 week after petal fall to promote cell division; 3. At 1 to 2 weeks before fruit drop to reduce physiological stress and reduce fruit drop; 4. At 20 to 30 days after petal fall to increase fruit size; 5. Monthly during fruit growth and development to promote nutrient translocation to produce larger and better quality fruit.

Use this product in accordance with good agronomic practices, which include utilising proven spray equipment for proper coverage. Do not make applications when temperatures are too hot, as crop damage may occur. Applications should be made at temperature levels and when other environmental conditions in your area are such that your experience indicates the application will be compatible and will accomplish the desired result.

STORAGE: Store in the closed original container, in a cool, well ventilated area away from children, pets, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight.

COMPATIBILITY: This product is compatible with most pesticides commonly used on vegetable, fruit and agronomic crops. **CAUTION:** Do not use with dormant oil, lime sulphur, spray lime, or highly alkaline spray materials.

NOTICE OF WARRANTY: Miller warrants that this product conforms to the chemical description on the label thereof and is reasonable fit for the purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Miller. In no case shall Miller be liable for the consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. MILLER MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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