

# NEBIJIN<sup>®</sup> BRASSICA

## Highly effective Club Root control at a new, low cost

### The new standard in Club Root control!

Club root (*plasmidiophora brassicae*) is an extremely destructive disease of brassica crops world wide. Nebijin 5SC, based on the novel active ingredient Flusulfamide offers NZ growers a unique form of chemistry to control club root, season long with one easy, affordable application.

### Application



Nebijin can be applied by band drenching immediately after transplanting or with spot treatments using special equipment on the planter.

Always apply Nebijin with Du-Wett adjuvant. Du-Wett improves penetration of the soil profile. Irrigation soon after application is advised to further move Club into the root zone.

Nebijin has been tested in tank mixtures with Confidor®, Bortrac®, Molytrac® and Ridomil®, result-ing in club root protection for the life of the crop as well as aphid, downy mildew and pythium control.

Nebijin has been proven as crop safe when applied to transplant

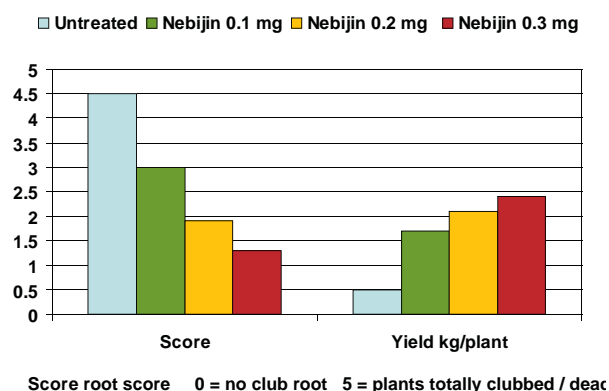
trays at seeding as an added control measure providing club root free cells prior to planting. Nebijin should always be applied through band or spot drenching equipment, to maximize disease control by treating the plants root zone.

### Proven trial results

Crop and Food Research, Palmerston North 2001- Cauliflower (refer to graph on right)

### Benefits

- Highly cost effective Club Root control
- Easily applied by band drenching at planting
- Can be used on seeded and transplanted crops
- Compatible with systemic fungicides and insecticides



# NEBIJIN POTATO

## Powdery scab management at a new low cost

Nebijin - Powdery Scab control, no extra applications and more cost effective than other treatments.

Nebijin, based on the active ingredient flusulfamide is highly effective at controlling the Powdery scab pathogen of potatoes. Either as a Seed treatment or in furrow application, Nebijin offers growers a disease control tool unsurpassed by any other product on the market.

### Benefits

- Excellent activity against Powdery scab
- Cost effective (< half the price of common alternatives)
- Easy application, low use rates
- Compatible with commonly used fungicides
- No phytotoxicity observed

Lincoln Univ trial- Results published in Commercial Grower, Feb 1996.

Treatment ai (kg/Ha)	% healthy	% marketable	Yield of marketable tubers
Fluazanam (3)	65	81	2.9
Flusulfamide (0.09)	79	95	4.5
Mancozeb (15.4)	67	87	4.1



All treatments applied in furrow at planting, soil was artificially infested with powdery scab. *Variety Agria*.

### Application Guidelines - Potatoes

Application	Rate	Critical comments
Seed piece treatment	40ml/tonne seed	Apply in sufficient water to achieve total coverage of seed piece. Nebijin may be applied with liquid seed treatments such as Monceren IM. If seed is not planted immediately after treatment, ensure seed is dried before storage.
In furrow application	80-100ml/tonne seed-4ml/100m bed or a minimum of 400ml/Ha. Use 120ml/tonne seed or 5ml/100m bed in heavily infested blocks	Mix Nebijin in water, apply between 50-150Ltr water per Ha. Add Du-Wett at 100ml/100Ltr water. Apply through nozzles to ensure even soil and seed piece coverage. Excess product will remain active in soil around seed to assist control. Nebijin may be applied with treatments such as Amistar.

### Application Guidelines - Brassicas

Application	Rate	Critical Comments
Band drench	12ml/100Ltr water in a minimum of 100Ltr per 100mtrs of each planted row. Add Du-Wett@ 100ml/100Ltr water	High water volumes are crucial. Always add Du-Wett super spreader to assist even soil profile distribution. Band width should be 200mm wide and applied directly over the transplant row. Water should be applied in a continuous stream and treating 100mm of soil on either side of each plant. Applications should be made immediately post or at transplanting.
Spot drench	16ml/100Ltr water plus Du-Wett @ 100 ml/100 Lt water	Through specialised equipment, apply Nebijin and Du-Wett to each transplant with no less than 50ml per shot. Treatments should be made at planting or immediately following if a second pass is required.
Seeding	1ml/5Ltr water	Mix 1 ml/5Ltr Nebijin in water, immediately after seeding, apply 5Ltr solution per 1000 plants

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- Ridomil and Amistar are registered TM's of a Syngenta Group Company
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