November 2017

# SeedSense

## WELCOME

In a truly exciting development for the Hannaford business we are pleased to announce a major investment to rejuvenate the Hannaford fleet.

Several new high capacity seed grading and treatment machines are being introduced into traditionally strong Hannaford areas. Wherever possible, this also enables the flow-down of high capacity equipment into other Hannaford areas this season.

Customers in all states are set to benefit from this rejuvenation program aimed at ensuring Hannaford services continue to meet the expectations of our customers well into the future.

This is a significant moment in the history of the Hannaford business, demonstrating that the Hannaford brand is here to stay!

In this edition we welcome new Hannaford franchisees into three areas; in Auburn, **Eastern Eyre Peninsula** and Ballarat regions.

We feature what we regard as the best seed treatment on the market - Rancona Dimension - due to its flexibility in rates for various crop disease solutions. We also hear from WA farmers as to how it's unique formulation is reducing dust and improving seed flow for them.

The increasing issue of loose smut in barley is discussed, as well as the benefits of the 'Hannaford Trio' on disease control and plant vigour.

Enjoy the read.

Brett Heath
Commercial Manager

## A WINNING COMBINATION

Since its' introduction in 2014 Rancona® Dimension has cemented itself as a market leader in managing the damaging root diseases of crown root, rhizoctonia and pythium in wheat and barley.

Launched last year, the Hannaford Trio combines this powerful seed treatment with the use of Guardian® and Zincflo® Plus.

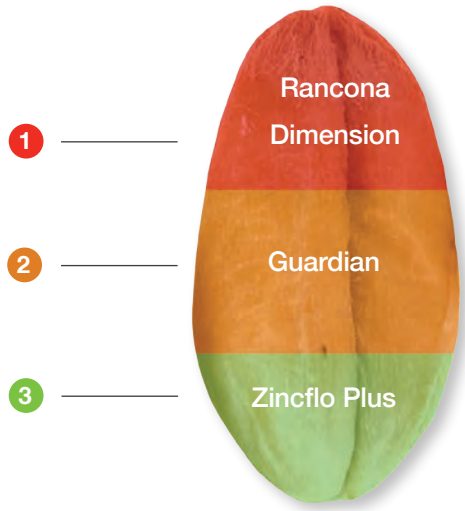
"The Hannaford Trio starts working the moment your wheat or barley seed is planted, protecting the seedling during the vulnerable establishment stage," said Gary Hamdorf, Hannaford national agronomist.

"Using the three products in combination means faster emergence and excellent seedling establishment," he said, "And healthier and more vigorous plants means maximum yield potential."

Containing two powerful fungicides, Rancona Dimension provides broad spectrum protection against yield-robbing smuts and bunt, pythium, rhizoctonia, and crown rot diseases.

Guardian protects emerging seedlings for 3-4 weeks from insect pests after sowing without the need to apply soil or foliar applied insecticides as a separate operation at, or just after, sowing.

A systemic insecticide, Guardian protects both shoots & roots against pest aphids (Russian




### THE HANNAFORD TRIO

Give your 2018 wheat or barley crop a flying start

Wheat), mites (RLEM & Blue Oat) in canola and pulses, and barely yellow dwarf virus.

Zincflo Plus is included to improve plant vigour, helping to improve grain yield and reducing the detrimental effects of drought and disease.

The 14.5% zinc chelated concentrate seed treatment helps increase yield and protein value, especially in zinc deficient soils. Adequate zinc levels are also essential in managing diseases such as rhizoctonia and crown rot.

"The three products are all easy-to-apply low dust formulations for minimal dust off during application and handling, and easier clean down," said Gary.

## IN THIS ISSUE



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Hannaford
The Seed Protection Specialists

# RANCONA DIMENSION A WINNER FOR CEREAL FARMERS

Increasing levels of root disease in cereals in 2016, including crown rot at low levels in many WA wheat crops, means managing these diseases and using relevant seed treatments is a real consideration.

Geoff Stade and his brother David farm 3,600 hectares on a mixed cropping and grazing property at Katanning. They crop wheat, barley, oats, canola and lupins on 60 percent of the farm and raise Dorper lambs on their clover pastures.

*Geoff Stade, Katanning WA, switched to Rancona Dimension to help reduce yield loss from rhizoctonia and to reduce dust and residue in the air seeder at planting.*

*"We like Rancona Dimension for the ease of handling and the peace of mind."*

Geoff needed to manage the rhizoctonia patches in their cereal crops and was experiencing dust and residue issues on their machinery from seed treatment products. Based on advice from his local agronomist and from Hannaford franchisee Derek Batchelor, Geoff used Rancona Dimension seed treatment for the first time in the 2016 season.

The Stades generally saw less root disease in their crops using Rancona Dimension, and had no issues with dust or residue problems through their air seeder.

"We like Rancona Dimension for the ease of handling and the peace of mind," said Geoff.

The easy handling is due to a unique micro-emulsion (ME) formulation consisting of very small emulsion droplets rather than solid particles in solution. This means Rancona Dimension acts like a true liquid providing superior seed coverage and adhesion - so more active ingredient ends up on your seed and not your equipment - and better contact with pathogens compared to other formulations in the market.

"When professionally applied by Hannaford's Derek Batchelor we know our seed has been done properly and Rancona Dimension has greatly reduced the amount of dust and residue that remains on machinery," said Geoff.

As well as reducing dust and providing easy clean down of machinery, Rancona Dimension seed treatment combats a range of root diseases. It's based on two active fungicides - 25g/L ipconazole and 20g/L metalaxyl - providing smut and bunt control, pythium control and suppression of crown rot and rhizoctonia when applied to wheat and barley seed at the recommended rates.

The ability to manage a range of diseases from the one product, by varying the rate according to your target disease, provides flexibility for cereal croppers. Use the 0.8L/t rate to control smuts and bunt, the 2.0L/t rate to control pythium, or dial the rate up to 3.2L/t to manage rhizoctonia and crown rot.

"In addition to the normal smuts and bunt control we now get pythium and crown rot, but most pleasing is the reduction in rhizoctonia patches," said Geoff. "When used in conjunction with flutriafol down the tube it (Rancona Dimension) covers a wide range of diseases early in the season."


*Eric Patterson, Katanning WA, has made the switch to Rancona Dimension on his winter cereal.*

*"...no dust problems and good flow through our air seeder with the Rancona Dimension"*

Eric Patterson, Katanning Western Australia, also used Rancona Dimension seed treatment on his cereal seed for the first time in the 2016 season.

Farming 5,000 hectares in a mixed farming operation comprising of 9,000 merino sheep, Eric also crops wheat, canola, barley, oats and lupins. Crops are rotated on either a wheat/barley/canola or a wheat/oats/pasture rotation.

Eric tried Rancona Dimension last season on advice from his local Hannaford Franchisee to help combat the dust issues and air seeder flow problems he was having with other seed treatment products. He also wanted to use Rancona Dimension to help manage rhizoctonia and crown rot diseases in his cereal crops.

"We have been using an opposition product which was too dusty and had issues with flow problems through our air seeder," Eric said.

"Derek Batchelor, my local Hannaford Franchisee, suggested trying Rancona Dimension. Derek's advice removed the issues that we had with the opposition products -

resulting in no dust problems and good flow through our air seeder with the Rancona Dimension."

Heading east, Esperance farmer, Stewart Wallace of Wallbrook Farms, used Rancona Dimension for the first time this season.

Stewart farms 6,700 hectares in the Esperance region, cropping 5,300 hectares in a wheat/barley/canola rotation. He also runs 4,500 breeding ewes and 220 breeding cattle on the remaining 1,400 hectares.

Stewart decided to use Rancona Dimension this season because of previous crown rot in his wheat, particularly in the Mace variety. Rancona Dimension was applied at the recommended 3.2L/T to target both crown rot and rhizoctonia.

"The main issue we had was crown rot in wheat in our three crop rotation and Rancona Dimension has helped us in managing this issue," said Stewart. "We had a lot less crown rot in the wheat and better yields when using Rancona Dimension."

*"The main issue we had was crown rot in wheat in our three crop rotation and Rancona Dimension has helped us in managing this issue."*

As a result of using Rancona Dimension, Stewart also found that it kept his rhizoctonia in check, and that there was less dust at seeding time compared to other seed treatment products he's used.

"Rancona Dimension is a good product to apply and use, and it's allowing us to achieve what I want to in reducing crown rot and rhizoctonia in my wheat crops," he said.

If you have crown rot or rhizoctonia what yield might you be sacrificing? If these diseases were evident this year, consider using Rancona Dimension next season or resting the paddock from cereals.

*Simon Roper, Hannafords, with Stewart Wallace, Wallbrook Farms, Esperance WA.*

## CROWN ROT MANAGEMENT

- Reduce levels of the fungus in paddocks by rotating with crops such as field peas, faba bean, canola, mustard, lentils, chickpea, mungbean, sunflower, sorghum
- A two year grass-free broad leaf crop or pasture rotation is required where disease levels are high
- Ensure adequate nutrition, especially with zinc i.e. Zincflo Plus @ 3.0 L/T
- Sow varieties with partial resistance
- Burning stubble will help reduce infection levels, but does not guarantee freedom from crown rot as it only removes the above-ground inoculum
- Sow between rows of last cereal crop and ensure good weed control over summer/autumn and in-crop
- Plant at the start of the sowing window for the selected variety
- Manage moisture stress in your crop
- Conduct a PreDicta B soil test to determine levels
- Use the above management measures and a seed treatment to suppress crown rot i.e. Rancona Dimension @ 3.2 L/T

## RHIZOCTONIA MANAGEMENT

- Ensure adequate crop nutrition - especially N, P and Zn
- Apply a zinc seed treatment to improve early plant health and the plants resistance to attack by disease i.e. Zincflo Plus @ 3.0 L/T
- Reduce level of infected plant residues
- Control summer and autumn weeds early
- Have a four week weed-free break prior to sowing
- Cultivate 2.5 to 5 cm below seedling depth (can be up to 10cm – depending on soil type)
- Retain stubble and organic matter to maintain / improve soil health
- Avoid using sulphonylurea herbicides or herbicides that can restrict root growth.
- Conduct a PreDicta B soil test to determine levels
- Use a seed treatment that will help suppress the infection of roots by the Rhizoctonia solani fungus i.e. Rancona Dimension @ 3.2 L/T

| Seed Treatment | Active(s) | Covered Smut/ Bunt | Flag Smut | Loose Smut | Stripe Rust | Leaf Rust | Leaf Scald | Septoria Leaf Blotch | Powdery Mildew | Take-all | Anthracnose |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rancona Dimension** | Ipconazole Metalaxyl | Wheat, Barley, Oats | Wheat[1,2] | Wheat, Barley, Oats | | | | | | | |
| **Rancona C** | Ipconazole Cypermethrin | Wheat, Barley, Oats | Wheat[1,2] | Wheat, Barley, Oats | | | | | | | |
| **Vitaflo C** | Carboxin Cypermethrin | Wheat, Barley, Oats | Wheat[1,2], Triticale[2] | Wheat, Barley, Oats, Triticale | | | | | | | |
| **Foliarflo C** | Triadimenol Cypermethrin | Wheat, Barley, Oats | Wheat[1,2] | Wheat, Barley, Oats | Wheat* | | Barley* | Wheat* | Barley | | |
| **Quantum Pro** | Fluquinconazole | Wheat, Barley[3] | Wheat[1,2] | Wheat, Barley[3] | Wheat** | Wheat*** | Barley*[3] | Wheat* | Barley* | Wheat* | |
| **Zincflo Plus** | Zinc (Chelated) Sulphur & Nitrogen | | | | | | | | | | |
| **Xlflo** | Ipriodione | | | | | | | | | | |
| **Thiraflo** | Thiram | | | | | | | | | | Lupins[2] |
| **Evershield** | Thiram Thiabendozle | | | | | | | | | | |
| **Guardian** | Imidacloprid | | | | | | | | | | |

* Suppression
**Stripe rust is controlled for up to 6 weeks after sowing, with good suppression thereafter
***Leaf rust is controlled for up to 4 weeks after sowing, with good suppression thereafter

[1] Soil borne
[2] Seed borne
[3] Refer to label for additional registrations

# INTRODUCING OUR NEW FRANCHISEES

## GARRY & SUZANNE LAWRIE

AUBURN, CLARE, MANOORA & BURRA

Garry & Suzanne Lawrie have been involved in farming for over 40 years.

Since leaving school and working on the family farm at Smoky Bay on the SA West Coast, they've worked on and share-farmed several farms in the region before buying a farm in 2002 near Karkoo on Lower Eyre Peninsula.
Garry was also a shearer and shore throughout the state for several years.

Garry and Suzanne both enjoy meeting new people and catching up with old acquaintances to share life's stories.

They are enjoying meeting and working with farmers in the region and are looking forward to the opportunity that Hannaford brings.

"We like the concept of the Hannaford system and look forward to offering the combination of Hannaford's expertise and our own experience to make this venture a great result for everyone," said Garry.

"Having successfully run our own farm we know the importance of good communication and the value of good service," he said.

Hannaford's have provided the Lawrie's with all the initial training they need on seed grading and their extensive product range.

## BRIAN & GILBERT TURNER

PORT LINCOLN, TUMBY BAY, CLEVE & COWELL

Brian and Gilbert Turner, new Hannaford franchisees for the Eastern Eyre Peninsula zone, are no strangers to the seed treating business.

Brian has a strong affinity with the Hannaford brand having previously operated the Hannaford Port Lincoln franchise for a period of 15 years.

Joining Brian in the new venture is son Gilbert who is aiming to continue the family's proud association with Hannaford.

"The fact Hannaford has had a great reputation with Australian farmers for over 90 years is reassuring when embarking on this new venture with my son," said Brian. "We're looking forward to providing a professional, reliable seed treating

# Range of Seed Treatments

| Ascochyta | Botrytis | Brown Leaf Spot | Pythium Root Rot | Rhizoctonia Root Rot | Fusarium Crown Rot | Blackleg | Stored Grain Insect Pests | Blue Oat Mite | Red-Legged Earth Mite | Aphids | Trace Element |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Wheat, Barley | Wheat*, Barley* | Wheat*, Barley* | | | | | | |
| | | | | | | | Wheat, Barley, Oats | | | | |
| | | | | | | | Wheat, Barley, Oats, Triticale | | | | |
| | | | | | | | Wheat, Barley, Oats | | | | |
| | | | | | | Canola* | | | | | |
| | | | | | | | | | | | Cereals |
| | | Lupins | | Lupins* | | | | | | | |
| Chickpeas[2] | Chickpeas[2] | | | | | | | | | | |
| Chickpeas, Lentils Field peas | Chickpeas | | Chickpeas, Lentils, Field Peas, Vetch & Faba Beans | | | | | | | | |
| | | | | | | | Cereals | Canola, Lupins | Canola, Lupins | Cereals, Canola | |



ALWAYS REFER TO REGISTERED LABEL FOR FULL INSTRUCTION

and grading service to farmers." he said.

"We encourage farmers to take advantage of the Hannaford seed germination testing service this season, which is free for Hannaford customers," said Brian. "Just take a sample, ideally before you grade or treat, and we'll check the viability of your seed for this year's planting."

## GEOFF & KYM EDWARDS

BALLARAT, ARARAT, LISMORE & CLUNES

Geoff and Kym Edwards took over Hannaford Seedmaster Services Ballarat & Districts this year after relocating back to the Haddon-Smythesdale area to be closer to their families.

*Back L- R: Kym Edwards, Geoff Edwards, Brian Turner & GilbertTurner.*
*Front L- R: Suzanne Lawrie, Garry Lawrie.*

**Garry & Suzanne Lawrie**
**0428 842 126**

**Geoff & Kym Edwards**
**0437 010 064**

**Brian & Gilbert Turner**
**0448 054 837**

The Hannaford seed grading business has been operated by Kym's side of the family in the area for over a decade. This transition provides both continuity of service plus a wealth of valuable information and history of local farmers and their seed grading and protection needs.

Geoff is a trade-qualified boilermaker with over 25 years experience and has performed maintenance on the seed grader over the past few years. "Having already worked with the equipment has shown us the importance of consistently maintaining the machinery through the season for peak performance," said Geoff.

Integrity and accountability are values that Geoff and Kym hold very strong. "We consider communication and reliability to be significant factors in the relationship we have with the farmers we work with." said Kym.

# DISEASE & PEST ROUNDUP

## SMUTS & BUNT IN CEREAL CROPS

**Smuts and bunt** have been detected in many cereal crops this season, particularly loose smut in barley. The barley varieties most affected were La Trobe, Hindmarsh, Spartacus and Rosalind. These varieties seem to require higher rates of seed treatments than other varieties to control smut.

*Consider Vitaflo® C @ 2.5 L/T or Rancona Dimension @ 3.2 L/T on these varieties, depending on the diseases to be managed.*

*Consider Foliarflo @ 1-1.5 L/T for powdery mildew in addition to the above products.*

In Western Australian there were reports of all three smuts in wheat crops this season.

*Use a seed treatment registered for smut and bunt control on all cereals.*

## ROOT DISEASES IN CEREAL CROPS

Both **rhizoctonia** and **crown rot** have been detected in many crops this season, resulting in significant yield losses in some crops.

Where the seed was treated with a product suppressing these diseases yield losses were significantly less.

**Root lesion nematode (RLN)** numbers are increasing in many cropping areas, which can increase the damage caused by rhizoctonia and crown rot. If RLN is not managed correctly you may not effectively succeed in suppressing rhizoctonia or crown rot.

*Consider using Rancona Dimension + Zincflo Plus for rhizoctonia and/or crown rot issues.*

The main diseases detected this season were:

- Wheat: leaf and stripe rust, powdery mildew, yellow leaf spot and septoria tritici blotch.
- Barley: powdery mildew, barley leaf scald, net blotch (both spot and net) and leaf rust.
- Canola: blackleg, downy mildew, rhizoctonia hypocotyl root rot and sclerotinia.
- Lupins: rhizoctonia hypocotyl root rot, brown leaf spot, Pleiochaeta root rot and anthracnose.
- Field Peas, lentils, chick Peas, faba beans and vetch: rhizoctonia hypocotyl root rot, damping-off (root rots), black spot, ascochyta blight, grey mould and downy mildew.

## ZINC ISSUES

Zinc deficiency has shown up in many areas resulting in poorer crops and lower yields in some instances. Adequate zinc levels are essential in managing diseases such as rhizoctonia and crown rot.

*Parallel necrotic 'tramlines' on leaves are a sign of zinc deficiency. (Image: CSBP)*

## INSECT PESTS

### Aphids

Aphids were present again this season in cereal, pulse and canola crops. Russian, corn, oat, wheat, green peach, blue-green, turnip and grey cabbage aphids were all reported.

Where the seed had been treated with an insecticide such as Guardian the aphid damage from direct feeding and virus transmission was a lot lower.

The main viruses detected this season were:

- Cereals: barely yellow dwarf virus (BYDV) and cereal yellow dwarf virus (CYDV)
- Canola: turnip yellows virus (TuVY), cauliflower mosaic virus (CaMV) and beet western yellows virus (BWYV)
- Pulses: bean yellow mosaic virus (BYMV), cucumber mosaic virus (CMV), beet western yellows virus (BWYV), alfalfa mosaic virus (AMV), bean leafroll virus (BLRV) and subterranean clover stunt virus (SCSV).

### Mites

Mites were found in significant numbers early in many crops, resulting in feeding damage. The presence of the wheat curl mite also resulted in some crops being infected by the wheat streak mosaic virus (WSMV), with some yield loss occurring as a result.

Farmers who used an insecticide seed treatment such as Guardian noticed the damage caused by mites was significantly less.

### Stored grain pests

Stored grain insect pests are an increasing problem in most grain growing regions. There are increasing levels of documented resistance occurring in stored insects to the currently available insecticides.

Experts in stored grain pest control suggest the use of a minimum of two insecticide groups for effective control. Farmers are urged to practice adequate grain hygiene programs including proper use of stored grain pest insecticides.

*Consider using Guardian seed treatment for aphids, redlegged earth and blue oat mite issues, and stored grain pests*.

*Stunted, tufted, chlorotic wheat plants infected with wheat streak mosaic virus as young seedlings. (Image: WA DPI)*

**References:** PestFax reports from Department of Ag's in SA, Vic, NSW and WA; Seasonal Crops Summaries from Department of Ag's in SA, Vic, NSW and WA; Crop Watch reports from DK Communications and Department of Ag's in SA, Vic, NSW and WA; Crop observations by Arysta and Hannaford field staff.

# LOOSE SMUT AN ISSUE IN BARLEY

Loose smut (*ustilago tritici*) is found in all barley growing areas and is an increasing issue in barley crops. It is more common in areas of high humidity and rainfall, and infection is favored by moist conditions during flowering, with temperatures of 16-22°C.

Loose smut in barley has become more endemic with the increasing area of varieties grown that are more susceptible to the disease. The varieties of Hindmarsh, La Trobe, Rosalind and Spartacus have been most affected, with some crops of Scope and Bass also showing high infection levels in 2017. Infection levels in these susceptible varieties ranged from 2-25% with resulting yield losses of 2-25%.

In most cases in 2017, a seed treatment registered for the control of loose smut was applied to the seed prior to sowing.

Seed treatment tests conducted by SARDI have shown that products containing just triadimenol provide only about 50% control of loose smut in Hindmarsh. Other products containing flutriafol and tebuconazole have also let some infection through at labelled rates.

SARDI trail work also showed that effective control was provided by products containing carboxin (Vitaflo C) and by the new SDHI fungicides (used at their maximum label rates).

## ISSUES DRIVING INCREASED PREVALENCE:

**Increased areas of susceptible varieties.** Increased inoculum in the environment elevating pressure on other varieties has led to higher infection levels in Scope and Bass this season.

**Seasonal conditions from 2014 to 2016 both at sowing and flowering**. Loose smut infection is carried in the seed, so if loose smut was present in 2017, then the seed from the 2016 harvest was already infected. This can impact the effectiveness of seed treatments.

**Poor coverage of the seed by seed treatments.** Even highly effective seed treatments (such as those containing carboxin) will be less effective if seed coverage is poor.

**Using seed with high infections of loose smut.** Continually growing infected seed and just relying on seed treatments will lead to poor control.

**Only using products that have a lower activity on loose smut i.e. triadimenol seed treatment.**

**Not applying a seed treatment every year**

**Increasing amount of non-treated seed sown.** No seed treatment means 0% control of loose smut, as it can only be controlled at germination.

**Using lower than registered rates of seed treatments**. As loose smut infection is internal in the seed it needs the seed treatment to effectively penetrate the seed at germination, so the labelled rate of seed treatment is required.

**Reliance on in-furrow products for root and foliar diseases that DO NOT control loose smut or other smut diseases.**

## THE HANNAFORD 'TWO-STEP'

1. TEST SEED:

All seed treatments will struggle to adequately control the disease from high infection levels (above 4-5%) in grain. Test suspect seed samples prior to cleaning and treating.

2. TREAT SEED:

Use a seed treatment registered for the disease - which is the only means of chemical control. This is particularly important as the disease is carried inside the seed.

Rancona Dimension, Rancona C, Vitaflo C, Foliarflo® C and Vitavax® 200FF are all registered to control loose smut in barley.

**Ask your local Hannaford Franchisee about our FREE* Seed Germination Test**

**For Hannaford customers only*

## CONTROLLING LOOSE SMUT IN BARLEY:

- Avoid varieties that are more susceptible to loose smut.

  *If these must be sown treat the seed with a product such as Vitaflo C at 2.5 L/T or if rhizoctonia is an issue, with Rancona Dimension at 3.2 L/T.*
  *If powdery mildew is an issue use Foliarflo C at 1.5 L/T in addition to Vitaflo C.*

- Get the seed tested if loose smut was present this season. If loose smut is above 5% discard the seed.

  *If you must use the seed, treat with the highest labelled rate possible, such as Vitaflo C at 2.5 L/T.*

- Always use a seed treatment registered for the disease.
- Always use the labelled rate of the seed treatment.
- Ensure all seeds are adequately treated and covered.
- If using a triadimenol-based product, combine it with a product such as Vitaflo C.
- If using in-furrow fungicide products, apply a seed treatment such as Vitaflo C.
- If using a rhizoctonia based seed treatment, use the highest labelled product rate.

**Sources:** Hannaford, Arysta LifeScience and the SARDI Cereal Seed Treatments 2016 & 2017.

# FRESH LOOK FOR WEBSITE


## WWW.HANNAFORDS.COM

Hannaford recently updated and launched their redesigned website.

The site illustrates Hannaford's extensive seed treatment range and includes additional information on common pests and diseases in a range of crops.

The look and feel of the site has been updated, with interactive tools such as a product finder and a postcode search to locate a local Hannaford seed treatment specialist. Mobile users are catered for with a responsive design adapting to the screen size of the viewing device.

# Hannaford

*Where the locals go*

## SOUTHERN NSW & VICTORIA

**Berrigan, Finley, Deniliquin, Jerilderie, Corowa & Tocumwal**
Peter & Jan Hill
0428 852 323

**Wagga Wagga, Junee, Coolamon, Lockhart, Holbrook & Tarcutta**
Barry & Joanne Kohlhagen
0459 202 079

**Warracknabeal, Minyip, Birchip, Hopetoun, Sea Lake & Swan Hill**
Brian & Charmaine Wilson
0427 681 034

**Charlton, Donald, St Arnaud, Quambatook, Boort & Echuca**
Bernie & Wendy Laffin
0417 567 602

**Nhill, Rainbow, Jeparit & NW Dimboola**
Rob Lynch
0428 911 387

**Horsham, Kaniva & SE Dimboola**
Wayne and Lindy George
0427 902 381

**Ballarat, Ararat, Lismore & Clunes**
Geoff & Kym Edwards
0437 010 064

**Goroke, Frances, Edenhope & Casterton**
David & Karen Harris
0428 857 725

## SOUTH AUSTRALIA

**Streaky Bay, Ceduna, Port Kenny & Poochera**
Dion & Ursula Gilmore
0428 261 448

**Lock, Tooligie, Wudinna & Kimba**
Brian & Gilbert Turner
0448 054 837

**Cummins, Kapinnie, Karkoo & Ungarra**
Brian & Gilbert Turner
0448 054 837

**Port Lincoln, Tumby Bay, Cleve & Cowell**
Brian & Gilbert Turner
0448 054 837

**Gladstone, Crystal Brook, Jamestown & Melrose**
David & Tracey Smith
0428 847 949

**Kadina, Alford & Arthurton**
Graham & Carole Derrington
0419 821 654

**Maitland, Ardrossan & Warooka**
Graham & Carole Derrington
0419 821 654

**Snowtown, Blyth, Nantawarra, Avon & Bute**
Mick & Denise Coleman
0427 642 142

**Auburn, Clare, Manoora & Burra**
Garry & Suzanne Lawrie
0428 842 126

**Barossa, Riverland, Eudunda & Tarlee**
John & Margaret Schutz
0417 812 760

**Strathalbyn, Fleurieu Peninsula & Kangaroo Island**
Terry & Kelly Jackson
0403 298 076

**Naracoorte, Bordertown, Keith & Tintinara**
David & Karen Harris
0428 857 725

## WESTERN AUSTRALIA

**Geraldton, Binnu, Mullewa & Mingenew**
Gary Hamdorf – Hannaford Agronomist
0427 022 355

**Moora, Dandaragan, Coorow & New Norcia**
Darren Rutley
0400 510 154

**Dowerin, Trayning, Bencubbin & Dalwallinu**
Brent & Gloria Melville
0428 811 585

**Cunderdin, Northam, York, Tammin & Toodyay**
Ross & Ellen Parrick
0429 064 119

**Brookton, Pingelly, Beverley, & Quairading**
Phillip & Katrina Crute
0427 250 877

**Cuballing, Wandering, Williams & Boddington**
Trevor & Kirstie Clark
0418 563 926

**Narrogin, Wickepin, Wagin & Kukerin**
Charles & Lorette Naudé
0487 404 757

**Boyup Brook, Darkan & Kojonup**
Trevor & Kirstie Clark
0418 563 926

**Katanning, Woodanilling, Broomehill & Gnowangerup**
Derek Batchelor
0428 241 306

**Cranbrook, Tambellup & South Stirlings**
Neville & Anne Parsons
0429 904 653

**Jerramungup, Gairdner, Borden & Pingrup**
Mark Weedon
0428 351 176

**Ravensthorpe, Lake King & Newdegate**
Peter & Karen Agars
0427 268 136

**Munglinup, Hopetoun & Cascades**
Kingsley & Brodie Walker
0487 194 243

**Salmon Gums & Grass Patch**
Kym & Sadie Walker
0427 477 493

**Esperance & Condingup**
Simon & Kristy Roper
0412 882 613

**Southern Cross, Hyden, Kellerberrin & Mukinbudin**
Michael & Sonya Dunbar
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