

# BIOWIN AGRO RESEARCH

[www.biowinkerala.com](http://www.biowinkerala.com)





# Biowin Agro Research

## About us

Biowin Agro Research, a food manufacturing company, established in the year 2013 as an up-grade and extensive service of Wayanad Social service Society (WSSS) Estd -1974 to support the small and marginal farmers by marketing the wide range of organically grown spices, coffee and fruits in the misty hill folds of Wayanad, Kerala. It collects farm products directly from two Fairtrade farmer cooperatives namely WOFFA (FLO ID: 20255) and KAFFE (FLO ID: 34469) and processes in a modern processing facility named Bioland Agro Processing Center, Mananthavady, Kerala .





## Vision

Self reliant & vibrant farming community living in a sustainable and healthy environment with cherishing human values of love, justice, solidarity and human dignity as well as their equity in the social capital ascertained.

## Mission

Organizing and empowering the farming community to develop an unbeatable supply chain with ample standard of quality products to meet the satisfaction of customers through participatory development process coupled with innovative technologies and value addition



## Certifications

### ORGANIC

- NPOP
- NOP
- EU
- JAS

### FAIR TRADE

- PRODUCER
- PROCESSOR
- TRADER

## Facilities

- METAL DETECTOR
- VACUUM PACKING
- NITROGEN FRESH
- PACKING
- STEAM STERILIZATION



# Major spices

## pepper

( Pepper nigrum )

Origin : Wayanad, Kerala

• Organic • Fair Trade • RFA • UTZ

| Grade  | Size         | Moisture | Bulk Density |
|--------|--------------|----------|--------------|
| Jumbo  | >5.25        | <12%     | >520 g/l     |
| TGSEB  | 5.25-4.75    | <12%     | >520 g/l     |
| TGEB   | 4.75-4.25    | <12%     | >520 g/l     |
| MG1    | 4.25-3.25    | <12%     | >520 g/l     |
| Powder | 60 mesh      | <12%     | —            |
| Crack  | 10 - 60 mesh | <12%     | —            |



| Products                | Moisture |
|-------------------------|----------|
| Dehydrated Green pepper | <12%     |
| Brine Green Pepper      | —        |
| Brine Red Pepper        | —        |
| White Pepper            | <12%     |
| white Pepper Powder     | <10%     |



# ginger

## (Zingiber officinale)

Origin : Wayanad, Kerala

• Organic • Fair Trade • RFA • UTZ

| Product | Moisture | Size       |
|---------|----------|------------|
| Slice   | <12%     | 4-5 mm     |
| Cube    | <12%     | 8-10mm     |
| TBC     | <10%     | 10- 60mesh |
| Powder  | <10%     | 50 mesh    |



# turmeric

## (Curcuma longa)

Origin : Wayanad, Kerala

• Organic • Fair Trade • RFA • UTZ

| Product | Moisture | Size         |
|---------|----------|--------------|
| Fingers | <12%     | —            |
| Slice   | <12%     | 3-4mm        |
| Powder  | <10%     | 50 mesh      |
| TBC     | <10%     | 10 - 60 mesh |

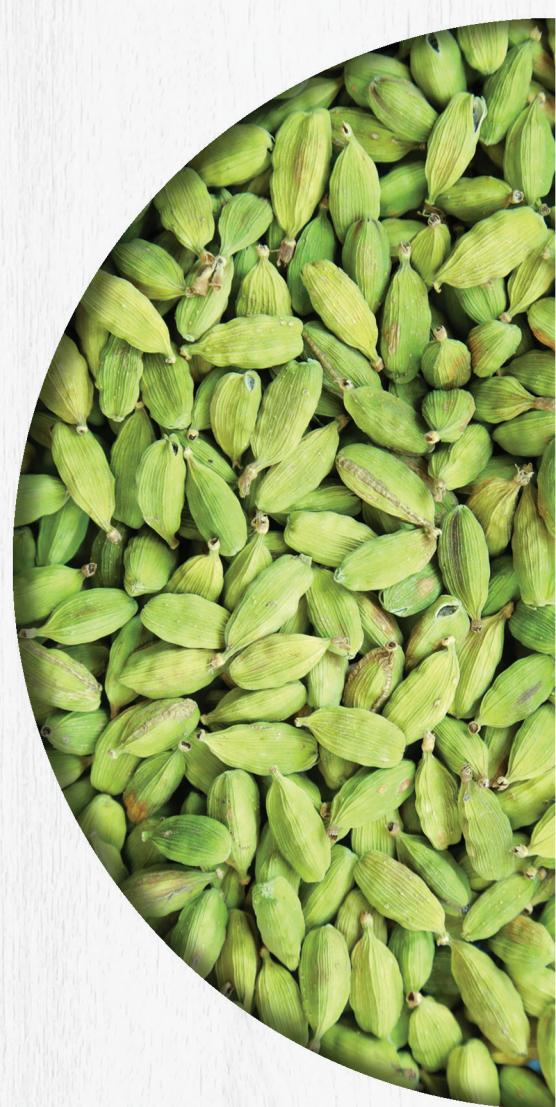


# cardamom

## (Elettaria cardamomum)

Origin : Wayanad, Kerala

• Organic • Fair Trade • RFA • UTZ



### Product

Whole

Seed Crack

Seed Powder

Whole Powder

### Moisture

<12%

<12%

<12%

<12%

### Size

8mm

3-4mm

30mesh

35mesh

# cinnammon

## (Cinnamomum Verum)

Origin : Wayanad, Kerala

• Organic • Fair Trade • RFA • UTZ

### Product

Cinnamon Bark

TBC

Powder

### Moisture

<12%

<10%

<10%

### Size

1-5mm

35 mesh





# freeze dried fruits & vegetables

• Organic/conventional • Fair Trade • RFA • UTZ

|                              | Whole | Cube cut | Cube | Slice | Crumble | Powder |
|------------------------------|-------|----------|------|-------|---------|--------|
| Mango                        | —     | —        | ✓    | —     | —       | —      |
| Banana                       | —     | —        | ✓    | ✓     | ✓       | ✓      |
| Pineapple                    | —     | —        | —    | ✓     | ✓       | ✓      |
| Papaya                       | —     | —        | ✓    | ✓     | ✓       | ✓      |
| Jackfruit                    | —     | —        | ✓    | ✓     | ✓       | ✓      |
| Coconut                      | —     | —        | ✓    | —     | ✓       | ✓      |
| Tomato                       | —     | ✓        | —    | ✓     | ✓       | ✓      |
| curry leaves                 | ✓     | —        | ✓    | —     | —       | ✓      |
| curry leaves (air dried)     | ✓     | —        | ✓    | —     | —       | ✓      |
| Drumstick leaves             | ✓     | —        | ✓    | —     | —       | ✓      |
| Drumstick leaves (air Dried) | ✓     | —        | ✓    | —     | —       | ✓      |



# freeze dried spices

• Organic/conventional • Fair Trade • RFA • UTZ

|              | Whole | Cube | Powder | Soluble Powder |
|--------------|-------|------|--------|----------------|
| Green Pepper | ✓     | —    | ✓      | —              |
| Ginger       | —     | ✓    | ✓      | ✓              |
| Turmeric     | —     | —    | —      | ✓              |



# other spices

| Product name       | Whole | Powder |
|--------------------|-------|--------|
| Clove              | ✓     | ✓      |
| Nutmeg             | ✓     | ✓      |
| Mace               | ✓     | ✓      |
| Cassia bark        | ✓     | ✓      |
| Lemon Grass Flakes | ✓     | ✓      |
| Bay Leaves         | ✓     | ✓      |
| Black Mustard      | ✓     | —      |
| Yellow Mustard     | ✓     | —      |
| Brown mustard      | ✓     | —      |
| Star Anise         | ✓     | —      |
| Garcinia           | ✓     | —      |
| Coriander          | ✓     | ✓      |
| Fennel Seed        | ✓     | —      |
| Fenugreek          | ✓     | —      |
| Cumin              | ✓     | —      |
| Galangal root      | ✓     | —      |
| All Spice seed     | ✓     | ✓      |







# coffee

- Organic/conventional
- Fair Trade
- RFA
- UTZ

| Product name      | AAA | AA | A | AB | CB | PB | Roasted | Powder |
|-------------------|-----|----|---|----|----|----|---------|--------|
| Arabica cherry    | ✓   | ✓  | ✓ | ✓  | ✓  | ✓  | ✓       | ✓      |
| Arabica Parchment | ✓   | ✓  | ✓ | ✓  | ✓  | ✓  | ✓       | ✓      |
| Robusta cherry    | ✓   | ✓  | ✓ | ✓  | ✓  | ✓  | ✓       | ✓      |
| Robusta Parchment | ✓   | ✓  | ✓ | ✓  | ✓  | ✓  | ✓       | ✓      |







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