

CARBINE CHEMICALS PRODUCT GUIDE

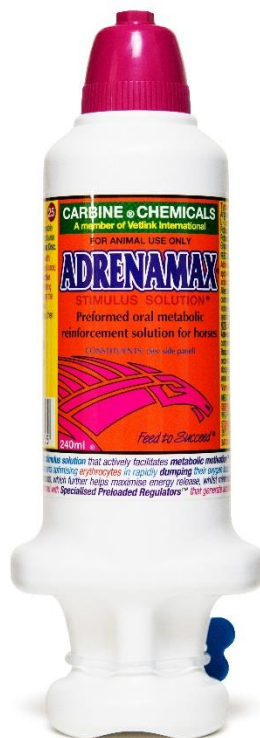


Feed to Succeed

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INSTAMAX PRODUCTS



DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

MANUFACTURED BY:**CARBINE CHEMICALS PTY. LTD.**

Suite 2, 70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (03) 9743 9050
Facsimile: (03) 9747 8875
www.carbinechemicals.com.au



9 346868 000655

25**CARBINE® CHEMICALS****A member of Vetlink International®****FOR ANIMAL USE ONLY****ADRENAMAX®****STIMULUS SOLUTION®**

**Preformed oral metabolic
reinforcement solution for horses**

CONSTITUENTS: (See side panel)

**240ml®***Feed to Succeed®***Typical Constituents per ml:**

Arginine Hydrochloride	167 mg
L - Tyrosine	67 mg
Potassium Aspartate	20 mg
Potassium Glycerophosphate	125 mg

RECOMMENDED DOSAGE:

Administer 30ml directly into the horse's mouth approximately 4½ to 2½ hours prior to strenuous activity, trialling or start of competition.

Alternatively, at the trainer's discretion, commence on a lower dosage and progressively increase by 5ml at a time, to meet each horse's specific requirement.

NOTE: Relaxsen® can also be given along with Adrenamax® to further potentiate heightened competitive support, as well as promote a highly **Responsive Recovery™**. **IMPORTANT:** All recommended Relaxsen® and Adrenamax® dosages are still to be administered at their usual relevant scheduled times.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO:**EXPIRY DATE:**

● A rapid-acting biodynamic **stimulus solution** that actively facilitates **metabolic motivation™** during strenuous activities. The selective pre-priming also supports optimising **erythrocytes** in rapidly **dumping** their oxygen load. This is crucial towards fulfilling all relevant myovascular demands, which further helps maximise energy release, whilst minimising unwarranted paralactic acid formation. Meticulously reinforced with **Specialised Preloaded Regulators™** that generate additional stress support. Copyright 2010

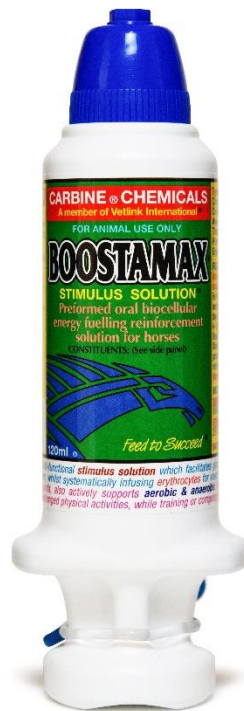
Please note that this product is currently in the APVMA registration process and is therefore not presently available. We will advise when it is again available for purchase.

Recommended Retail Price (RRP) – Incl. GST

120ml \$70.40

240ml \$112.65





DIRECTIONS FOR USE:**Shake well before use.**

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Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

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**CARBINE® CHEMICALS****A member of Vetlink International®****FOR ANIMAL USE ONLY****BOOSTAMAX®****STIMULUS SOLUTION®**

**Preformed oral biocellular
 energy fuelling reinforcement
 solution for horses**

CONSTITUENTS: (See side panel)

**600ml®***Feed to Succeed®***Typical Constituents per ml:**

Chromium as
 Chromium Picolinate 100 ug
Also Added:
 Thiamine Hydrochloride 10 mg
 Potassium
 Glycerophosphate 125 mg

RECOMMENDED DOSAGE:

Administer 10ml – 20ml directly into the horse's mouth, 2 to 3 times weekly or as required.

For horses subjected to high exertional workloads, give 20ml daily for three consecutive days before competition, then an additional 20ml 4 – 8 hours prior to start of competition.

Dosage and frequency can be increased to suit **Circumstantial Requirements™**, especially during periods of physical and psychological stress, recovery or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO:**EXPIRY DATE:**

● A rapid-acting biodynamic multi-functional **stimulus solution** which facilitates glycogen construction and glucose enrichment within the bloodstream, whilst systematically infusing **erythrocytes** for vascular dispersion. This, along with the relevant incursion of fatty acids, also actively supports **aerobic & anaerobic** fuelling for sustained muscular propulsion during intensive and prolonged physical activities, while training or competing. **Protected by mediVAULT®**

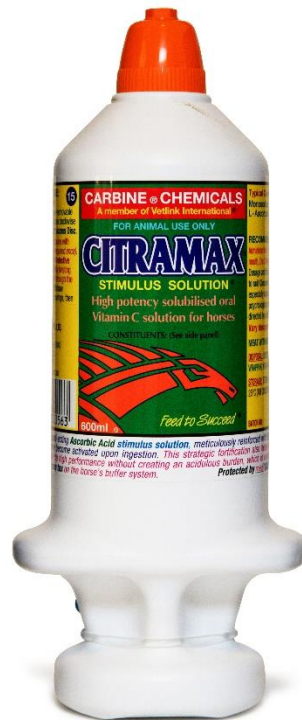
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Recommended Retail Price (RRP) – Incl. GST

120ml \$25.30

600ml \$101.30





DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

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15**CARBINE® CHEMICALS****A member of Vetlink International®****FOR ANIMAL USE ONLY****CITRAMAX™****STIMULUS SOLUTION®****High potency solubilised oral
Vitamin C solution for horses**

CONSTITUENTS: (See side panel)

**600ml®***Feed to Succeed®***Typical Constituents per ml:**

Monosodium
L-Ascorbate

500 mg**RECOMMENDED DOSAGE:**

Administer 5ml – 10ml directly into the horse's mouth, 2 to 3 times weekly or as required.

Dosage and frequency can be increased to suit **Circumstantial Requirements™**, especially during periods of physical and psychological stress, recovery or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO:**EXPIRY DATE:**

● A highly potent, rapid-acting **Ascorbic Acid stimulus solution**, meticulously reinforced with **Specialised Preloaded Regulators™** that only become activated upon ingestion. This strategic fortification also helps bolster **upper normal Vitamin C levels** prior to high performance without creating an acidulous burden, which is exceptionally beneficial by **not imposing a pre-race tax** on the horse's buffer system.

Protected by mediVAULT®

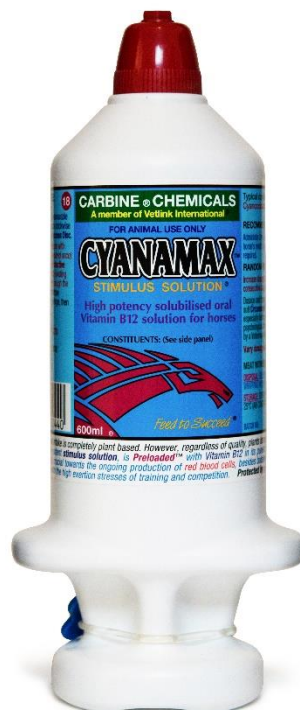
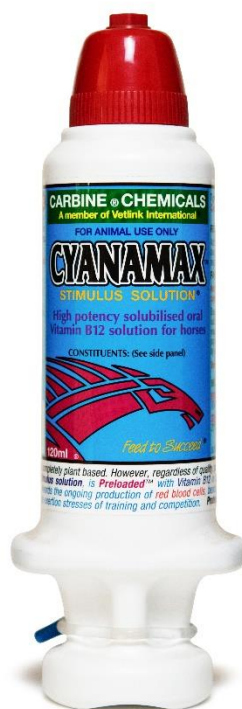
Copyright 2009

Recommended Retail Price (RRP) – Incl. GST

120ml \$23.90

600ml \$95.55

*Feed to Succeed*



DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

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CARBINE® CHEMICALS**A member of Vetlink International®****FOR ANIMAL USE ONLY**

CYANAMAX™

STIMULUS SOLUTION®

High potency solubilised oral
Vitamin B12 solution for horses

CONSTITUENTS: (See side panel)

**600ml**®*Feed to Succeed®*

Typical constituents per ml:
Cyanocobalamin 1500 ug

RECOMMENDED DOSAGE:

Administer 2ml – 4ml directly into the horse's mouth, 2 to 3 times weekly or as required.

RANDOM REINFORCEMENT™

Increase dosage to 5ml – 10ml for three consecutive days before competition.

Dosage and frequency can be increased to suit **Circumstantial Requirements™**, especially during periods of physical and psychological stress, recovery or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO:

EXPIRY DATE:

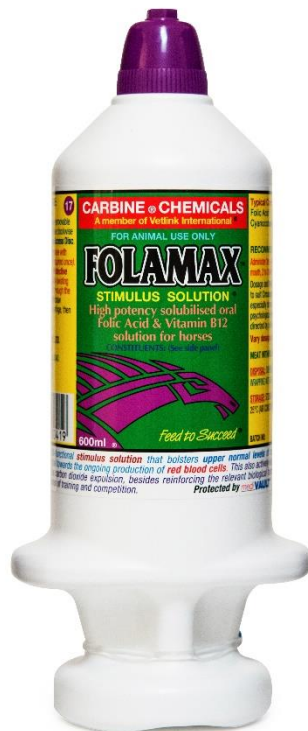
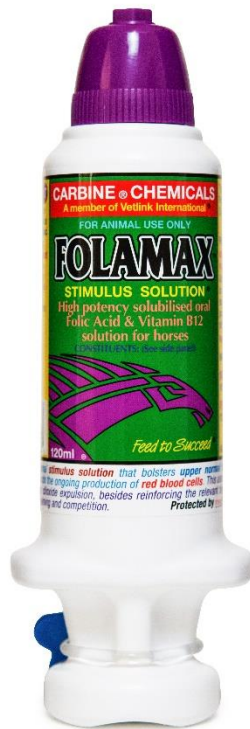
● A horse's entire food intake is completely plant based. However, regardless of quality, plants do not contain Vitamin B12. **Cyanamax™**, a highly potent **stimulus solution**, is **Preloaded™** with Vitamin B12 in its purest form, to also actively support **erythropoiesis**, crucial towards the ongoing production of **red blood cells**, besides bolstering relevant biological functions associated with the high exertion stresses of training and competition. **Protected by mediVAULT®** © 2010

Recommended Retail Price (RRP) – Incl. GST

120ml \$23.90

600ml \$95.55





DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

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CARBINE® CHEMICALS**A member of Vetlink International®****FOR ANIMAL USE ONLY****FOLAMAX™****STIMULUS SOLUTION®**

**High potency solubilised oral
Folic Acid & Vitamin B12
solution for horses**

©2009 Vetlink Australia. All rights reserved.**600ml®***Feed to Succeed®***Typical Constituents per ml:**

Folic Acid 25 mg
Cyanocobalamin 1,000 ug

RECOMMENDED DOSAGE:

Administer 3ml – 6ml directly into the horse's mouth, 2 to 3 times weekly or as required.

Dosage and frequency can be increased to suit **Circumstantial Requirements™**, especially during periods of physical and psychological stress, recovery or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO:**EXPIRY DATE:**

● A fast-acting, multi-functional **stimulus solution** that bolsters **upper normal levels** of essential **erythropoietic factors**, which are crucial towards the ongoing production of **red blood cells**. This also actively supports optimal oxygen transmission as well as carbon dioxide expulsion, besides reinforcing the relevant biological functions associated with the high exertion stresses of training and competition.

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Recommended Retail Price (RRP) – Incl. GST

120ml \$23.90

600ml \$95.55





DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

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www.vetforce.com.au



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A member of Vetlink International®

FOR ANIMAL USE ONLY

HAEMATONIC™**STIMULUS SOLUTION®**

High potency preformed oral blood enrichment solution for horses

**BLOOD ENRICHMENT
PRELOADED INFUSION™**

600ml

VETFORCE®**Typical constituents per ml:**

Ferric Ammonium Citrate B.P.	250 mg
Elemental Iron	50 mg
Also added:	
Copper as Glycinate	470 ug
Cobalt as Acetate	19 ug
Choline Chloride	50 mg
Folic Acid	5 mg
Cyanocobalamin	200 ug

RECOMMENDED DOSAGE:

As a regular routine, administer 6ml – 12ml directly into the horse's mouth as required.

For horses with elevated requirements, increase to 20ml. Dosage and frequency can be increased to suit **Circumstantial Requirements™**, especially during periods of physical and psychological stress, recovery or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

DO NOT REFRIGERATE.**BATCH NO: EXPIRY DATE:**

• A fast-acting multi-functional **Stimulus Solution** that bolsters **upper normal levels** of essential haematopoietic and erythropoietic factors, which are crucial towards the ongoing production of **haemoglobin**, **erythrocytes** and **myoglobin**. This also actively supports **Circumstantial Requirements™** along with the relevant biological functions associated with the high exertion stresses of training and competition, as well as uniquely providing further reinforcement from infused **Specialised Preloaded Regulators™** that proficiently generate additional stress support.

© 2010

Recommended Retail Price (RRP) – Incl. GST

120ml \$25.30

600ml \$101.30





DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

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CARBINE CHEMICALS PTY. LTD.
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www.carbinechemicals.com.au



9 346868 000471

CARBINE® CHEMICALS**A member of Vetlink International®****FOR ANIMAL USE ONLY****IRONAMAX™****STIMULUS SOLUTION®**

**High potency solubilised oral
 biological iron solution for horses**

CONSTITUENTS: (See side panel)

**600ml®****Typical constituents per ml:**

Ferric Ammonium Citrate B.P.	250 mg
Elemental Iron	50 mg

Also added:

Copper as Glycinate	470 ug
Cobalt as Acetate	19 ug
Lysine Hydrochloride	25 mg
Racemethionine	20 mg
Glycine	25 mg

RECOMMENDED DOSAGE:

As a regular routine, administer 6ml – 12ml directly into the horse's mouth as required.

For horses with elevated requirements, increase to 20ml. Dosage and frequency can be increased to suit **Circumstantial Requirements™**, especially during periods of physical and psychological stress, recovery or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 30°C (ROOM TEMPERATURE). PROTECT FROM LIGHT.

DO NOT REFRIGERATE.

BATCH NO: **EXPIRY DATE:** Copyright 2009

● A highly potent, rapid-acting biological iron **stimulus solution** that bolsters **upper normal levels** of essential haematopoietic factors, which are also crucial towards the ongoing production of **erythrocytes, haemoglobin & myoglobin**. This extensively penetrates the deep-seated muscle mass to support optimal oxygen transmission for maximum glucose combustion and energy release, besides actively helping maintain normal paralactic acid metabolism.

Recommended Retail Price (RRP) – Incl. GST

120ml \$23.90

600ml \$95.55



Feed to Succeed



DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

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www.carbinechemicals.com.au



9 346868 000358

14**CARBINE® CHEMICALS****A member of Vetlink International®****FOR ANIMAL USE ONLY****JETRAMAX®****STIMULUS SOLUTION®**

**High potency solubilised oral
Vitamin B Complex solution
for horses**

CONSTITUENTS: (See side panel)

**600ml®****Typical Constituents per ml:**

Thiamine Hydrochloride	35 mg
Riboflavin	10 mg
Pyridoxine Hydrochloride	25 mg
Niacinamide	75 mg
Calcium Pantothenate	25 mg
Cyanocobalamin	200 ug
Folic Acid	5 mg
Choline Chloride	50 mg
Inositol	20 mg
Biotin	100 ug

RECOMMENDED DOSAGE:

Administer 5ml – 10ml directly into the horse's mouth, 2 to 3 times weekly or as required.

Dosage and frequency can be increased to suit **Circumstantial Requirements™**, especially during periods of physical and psychological stress, recovery or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO:**EXPIRY DATE:**

● A highly potent **broad spectrum B Complex stimulus solution**, meticulously reinforced with **Specialised Preloaded Regulators™** that only become activated upon ingestion. This strategic fortification also helps rapidly bolster **upper normal B Complex levels** prior to high performance without creating an acidulous burden, which is exceptionally beneficial by **not** imposing a **pre-race tax** on the horse's buffer system. **Protected by mediVAULT®**

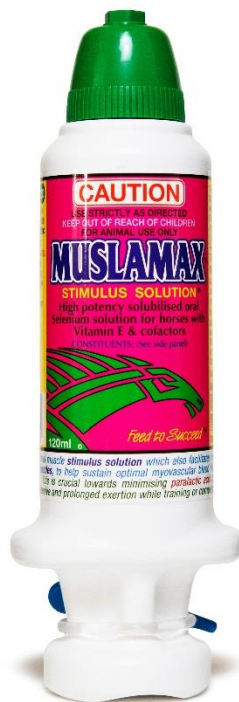
© 2008

Recommended Retail Price (RRP) – Incl. GST

120ml \$23.90

600ml \$95.55





DIRECTIONS FOR USE:**Shake well before use.****20**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

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9 346868 000501

600ml**CAUTION**

USE STRICTLY AS DIRECTED
KEEP OUT OF REACH OF CHILDREN
FOR ANIMAL USE ONLY

MUSLAMAX™**STIMULUS SOLUTION®**

High potency solubilised oral
Selenium solution for horses with
Vitamin E & cofactors

CONSTITUENTS: (See side panel)

*Feed to Succeed®***Typical Constituents per ml:**

Sodium Selenite 250 ug

Also Added:

DI Alpha Tocopheryl

Acetate 50 mg

Cyanocobalamin 200 ug

Potassium

Glycerophosphate 125 mg

RECOMMENDED DOSAGE:

Administer 10ml – 20ml directly into the horse's mouth, 2 to 3 times weekly or as required.

For horses subjected to high muscular activity, give 20ml daily for two consecutive days before competition, then an additional 20ml 5 – 8 hours prior to start of competition, or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

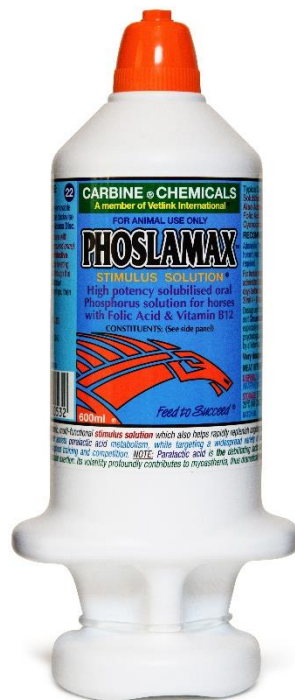
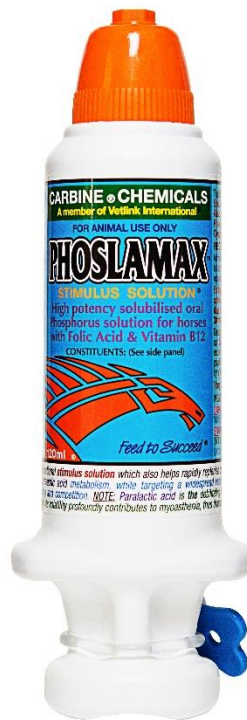
BATCH NO:**EXPIRY DATE:**

● A rapid-acting, multi-functional muscle **stimulus solution** which also facilitates muscular fluency and efficiency of **slow twitch & fast twitch muscles**, to help sustain optimal myovascular blood flow that is strongly influenced by skeletal '**muscular pumping**'. This is crucial towards minimising **paralactic acid** production and muscular fatigue, constantly generated during intensive and prolonged exertion while training or competing. **Protected by mediVAULT®** © 2008

Recommended Retail Price (RRP) – Incl. GST

120ml \$25.30

600ml \$101.30



DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

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9 346868 000532

22**CARBINE® CHEMICALS****A member of Vetlink International®****FOR ANIMAL USE ONLY****PHOSLAMAX™****STIMULUS SOLUTION®**

**High potency solubilised oral
Phosphorus solution for horses
with Folic Acid & Vitamin B12**

CONSTITUENTS: (See side panel)

**600ml***Feed to Succeed®***Typical Constituents per ml:****Solubilised Phosphate** 250 mg**Also Added:****Folic Acid** 5 mg**Cyanocobalamin** 200 ug**RECOMMENDED DOSAGE:**

Administer 10ml – 20ml directly into the horse's mouth, 2 to 3 times weekly or as required.

For horses requiring **Phosphate loading**, administer 30ml daily for three consecutive days before competition, then an additional 30ml 4 – 8 hours prior to start of competition.

Dosage and frequency can be increased to suit **Circumstantial Requirements™**, especially during periods of physical and psychological stress, recovery or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO:

EXPIRY DATE:

● A highly potent biodynamic, multi-functional **stimulus solution** which also helps rapidly replenish ongoing expenditures from intensive adrenal activities. It further assists paralactic acid metabolism, while targeting a widespread variety of additional acidulous surges, constantly generated throughout training and competition. **NOTE:** Paralactic acid is the debilitating lactic acid produced by anaerobic glycolysis during high muscular exertion. Its volatility profoundly contributes to myoasthenia, thus dramatically escalating muscular fatigue.

© 2009

Recommended Retail Price (RRP) – Incl. GST

120ml \$23.90

600ml \$95.55





DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

MANUFACTURED BY:**VETFORCE PTY. LTD.**

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A member of Vetlink International®
FOR ANIMAL USE ONLY

RELAXSEN®

Preformed oral metabolic
reinforcement solution for horses

NOCTURNAL™ PRELOADED INFUSION™

Typical Constituents per ml:

Aneurine hydrochloride	5mg
L-Tryptophan	20mg
Arginine Hydrochloride	25mg

600ml

VETFORCE®

RECOMMENDED DOSAGE:

As a reinforcement towards excelling at high performance activities

At sunset the night before competition administer 60ml directly into the horse's mouth to assist:

- Mental contentment
- Reduction in muscular tension
- Growth hormone release
- Conservation of energy bonds

NOTE: RELAXSEN NOCTURNAL can also be given in place of RELAXSEN PRE - PERFORMANCE to horses requiring additional support by administering 60ml ORALLY (or the required amount) approximately 5½ hours before start of competition. Alternatively, both versions can be combined in different proportions at the trainer's discretion to meet each horse's specific requirement.

Vary dosage accordingly.

MEAT WITHHOLDING PERIOD: NIL

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO: EXPIRY DATE:

● A liquified **PRELOADED™** composite, which actively supports neuromuscular normality during intensive training and competition. This also helps minimise **Vascular Compression™** incurred by sporadic muscular tension, which can consequently affect the relevant myovascular blood flow. The unwarranted upsurge of **paralactic acid** and **carbonic acid** further contribute to myoasthenia, thus dramatically escalating muscular fatigue.

Protected by **mediVAULT®**

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Recommended Retail Price (RRP) – Incl. GST

120ml \$42.25

600ml \$168.95





DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

MANUFACTURED BY:**VETFORCE PTY. LTD.**

Suite 2, 70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (03) 9743 9050
Facsimile: (03) 9747 8875



9 346868 000327



A member of Vetlink International®
FOR ANIMAL USE ONLY

RELAXSEN®

Preformed oral metabolic
reinforcement solution for horses

**PRE-PERFORMANCE
PRELOADED INFUSION™**

Typical Constituents per ml:
Aneurine hydrochloride 5mg

600ml

VETFORCE®**RECOMMENDED DOSAGE:**

Administer 60ml directly into the horse's mouth approximately 5½ hours before start of competition.

POOR TRAVELLERS: Give the full dosage approximately 2½ hours prior to loading.

NOTE: If the initial dose is given more than 7 hours before competing, an additional 30ml – 60ml **may be** required up to 3 hours prior to start of competition.

For extended coverage, '**mini top ups**' can be given at the trainer's discretion, especially for events of long duration or staggered engagements.

Vary dosages and frequency accordingly.

MEAT WITHHOLDING PERIOD: NIL

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO:

EXPIRY DATE:

● A liquified **PRELOADED™** composite, which actively supports neuromuscular normality during intensive training and competition. This also helps minimise **Vascular Compression™** incurred by sporadic muscular tension, which can consequently affect the relevant myovascular blood flow. The unwarranted upsurge of **paralactic acid** and **carbonic acid** further contribute to myoasthenia, thus dramatically escalating muscular fatigue.

Protected by **mediVAULT®**

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Recommended Retail Price (RRP) – Incl. GST

120ml \$35.20

600ml \$140.80





DIRECTIONS FOR USE:**Shake well before use.**

Attach **Access Key** to non-removable tamper proof cap, and rotate clockwise to remove tamper evident **Access Disc**.

Puncture protective membrane with **Access Key probe** (only required once). Insert syringe tip into the **Protective Precision Coupling**, slightly twisting while pressing firmly until through the protective membrane. Withdraw required amount, detach syringe, then administer contents.

MANUFACTURED BY:
CARBINE CHEMICALS PTY. LTD.
 Suite 2, 70 Lincoln Road
 Essendon Victoria Australia 3040
 Telephone: (03) 9743 9050
 Facsimile: (03) 9747 8875
 www.carbinechemicals.com.au



9 346868 000389

16**CARBINE® CHEMICALS****A member of Vetlink International®****FOR ANIMAL USE ONLY****THIAMAX™****STIMULUS SOLUTION®****High potency solubilised oral
Vitamin B1 solution for horses**

CONSTITUENTS: (See side panel)

**600ml®***Feed to Succeed®***Typical Constituents per ml:****Thiamine Hydrochloride 250 mg****RECOMMENDED DOSAGE:**

As a regular routine, administer 3ml – 6ml directly into the horse's mouth as required.

Random Reinforcement™:

Increase dosage to 6ml – 10ml for three consecutive days prior to high exertion or to meet **Circumstantial Requirements™**, then revert to regular routine or as directed by a Veterinary Surgeon.

Vary dosage accordingly.**MEAT WITHHOLDING PERIOD: NIL**

DISPOSAL: DISPOSE OF EMPTY CONTAINER BY WRAPPING WITH PAPER AND PUTTING IN GARBAGE.

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING). PROTECT FROM LIGHT.

BATCH NO:**EXPIRY DATE:**

● A highly potent, rapid-acting **Vitamin B1 stimulus solution**, meticulously reinforced with **Specialised Preloaded Regulators™** that only become activated upon ingestion. This strategic fortification also helps bolster **upper normal Vitamin B1 levels** prior to high performance without creating an acidulous burden, which is exceptionally beneficial by **not imposing a pre-race tax** on the horse's buffer system.

Protected by mediVAULT®

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Recommended Retail Price (RRP) – Incl. GST

120ml \$23.90

600ml \$95.55



Feed to Succeed

LIQUID PRODUCTS



CARBALENE is a concentrated alkaline electrolyte reinforcement solution to supplement diets where levels may be low. The loss of electrolytes during strenuous exercise must be replaced in the diet to help restore normal levels to assist in maintaining metabolic functions and electrolyte balance within body tissues. Nervousness can also be a contributor to electrolyte requirements even under normal climatic conditions.

2

- Strenuous work & racing
- High grain diets
- High protein & lucerne consumption

DIRECTIONS FOR USE:

RECOMMENDED DOSAGE: As a daily routine mix thoroughly into the feed or administer directly into the horse's mouth.

● For horses with elevated requirements increase dosage accordingly to help maintain normal levels.

● After travelling, trialling or competition give an additional 60ml as required.

IMPORTANT: An adequate supply of clean drinking water must be available at all times.

● **ALLOCATION BY SYRINGE:** This technique quickly measures the required amount with extreme accuracy and efficiency, with no contents remaining in the dispenser after administration.

Whilst **CARBALENE** functions independently, it is also structured to interlock with **CARBELYTE** or **RELOAD** along with **STAMAZENE** as a daily routine whenever required.

STORAGE: Store below 30°C (Room Temperature) in a dry place. Replace lid tightly after use. Protect from light.

BATCH No:

EXPIRY DATE:

MANUFACTURED BY:
CARBINE CHEMICALS PTY. LTD.
Suite 2
70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (02) 6021 1321

MEAT WITHHOLDING PERIOD: NIL.

DISPOSAL: Rinse container thoroughly, then break, crush or puncture and bury empty container in a local authority land fill.

A fast acting alkaline electrolyte isolate solution that enables trainers to swiftly and efficiently bolster every horse's personalised dosage at any point in time with utmost precision to help sustain high normality irrespective of...

- **BREED** ● **BODY MASS** ● **FLUCTUATING WORKLOADS** ● **NUTRITIONAL REQUIREMENTS**
- **METABOLIC EXPENDITURES** ● **CLIMATIC CONDITIONS**

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TYPICAL CONSTITUENTS PER LITRE

TRI SODIUM CITRATE DIHYDRATE 275g

Recommended Retail Price (RRP) – Incl. GST

1.25ltr	\$29.45
4ltr	\$53.90
16ltr	\$172.45





There are many types of Iron available however they vary greatly in quality and effectiveness. The Iron obtained from nature is irregular and poorly absorbed, but nature allowed for this, as horses living in the wild don't require a high performing blood profile nor are they subjected to high constant expenditures.

1

Although native Iron is poorly absorbed, requirements are met by free range consumption of a large plant volume gathered over many kilometres daily, primarily from selected live plants which are short and close to the root system.

The horse in confinement (stabled, travelling, performing) is restricted and cannot consume a large plant turnover daily and tends to eat smaller concentrated grain feeds that come from the top of the plant, which is furthest from the root system.

The cereal grains are inferior suppliers of dietary Iron and can't be relied upon to also provide the "associated" minerals Copper and Cobalt concurrently in the correct balance.

CARB-IRON - AN INSTANT REINFORCEMENT OF BIOLOGICAL IRON FOR ALL HORSES

Horses receiving **CARB-IRON** daily are continually guaranteed to receive an influx of highly concentrated biological Iron, which ensures their highest dietary requirements are consistently fulfilled, regardless of their expenditure, or the quality, variety and volume of the food they eat.

CARB-IRON is a liquefied blend of organically rich biological Iron, plus influential co-factors, which are essential for maximum iron absorption and is fully pre-formed for immediate cellular uptake whenever required!

NOTE: CARB-IRON and CARBINE-E can be mixed together in the same feed with NO loss of potency!

DIRECTIONS FOR USE:

As a daily routine mix thoroughly into the feed.

● **ALLOCATION BY SYRINGE:** This technique quickly measures the required amount with extreme accuracy and efficiency, with no contents remaining in the dispenser after administration.

RECOMMENDED DAILY DOSE RATES:

HORSES RECEIVING HIGH GRAIN RATINGS	50 ml
HORSES TRAINING AND RACING	50 ml
PREGNANT AND LACTATING MARES	50 ml
WEANLINGS AND YEARLINGS	25-50 ml
FOALS	15-25 ml

Vary dosage accordingly.

MEAT WITHHOLDING PERIOD: NIL

BATCH NO.

DISPOSAL: Rinse container thoroughly, then break, crush or puncture and bury empty container in a local authority land fill.

EXPIRY DATE:

STORAGE: STORE BELOW 30°C (ROOM TEMPERATURE) IN A DRY PLACE.
REPLACE LID TIGHTLY AFTER USE.
PROTECT FROM LIGHT.

MANUFACTURED BY:

CARBINE CHEMICALS PTY. LTD.
Suite 2
70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (03) 9743 9050
Facsimile: (03) 9747 8875

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TYPICAL CONSTITUENTS PER LITRE

FERRIC AMMONIUM CITRATE 100g
ELEMENTAL IRON 20g

ALSO ADDED

COPPER AS CHLORIDE 188mg
COBALT AS CHLORIDE 7.6mg
CHOLINE CHLORIDE 10.692g

Recommended Retail Price (RRP) – Incl. GST

1.25ltr	\$30.65
4ltr	\$56.10
16ltr	\$179.45





How it was meant to be Since evolution, horses in the wild had no restrictions to their grazing habits and consumed a large plant volume gathered over many kilometres daily. This enabled them access to a vast variety of prime seasonal plants to fulfill their daily requirements for survival and reproduction as well as enjoying freedom to fossick for specific plants to help relieve self-diagnosed ailments.

How it is The horse in confinement (stabled, travelling, performing) is unable to process a high plant turnover every day for the necessary influx of nutritional elements. It cannot follow its natural free range grazing routine and suffers a large reduction in the variety and volume of live plant consumption which can lead to continual deprivation of many nutrients and make the horse vulnerable to many ailments. Horses in training and competition are constantly faced with repetitive stresses, both physically and psychologically, with nutritional requirements far exceeding nature's intent and are highly reliant on dietary assistance to help maintain normal health while governed by artificial environments.

How it should be Horses receiving GASTRAZONE® daily have a continual influx of liquefied plant extracts enriched with selected nutritional isolates to help assist normal gastrointestinal function and dietary efficiency. Thiamine is also incorporated to assist in maintaining a normal appetite and help offset deficiencies induced by plants containing Thiaminase (which renders Vitamin B1 ineffective) as well as diets deteriorating from unfavourable conditions or having low inherent levels.

GASTRAZONE® is very palatable and highly functional, being preformed for immediate nutritional fortification whenever required, especially horses receiving high grain rations or with limited access to an extensive variety of free range plant consumption.

TYPICAL CONSTITUENTS PER LITRE:

ALSO ADDED:

THIAMINE HYDROCHLORIDE 2,350 mg

DIRECTIONS FOR USE: As a daily routine, mix thoroughly into the feed or administer directly into the horse's mouth.

RECOMMENDED DAILY DOSAGE:

ADULT HORSES (400 – 500 kg)

Initially give 100ml morning and 100ml evening for 7 days then reduce to 50ml morning and 50ml evening every day. For horses with elevated requirements, increase dosage accordingly.

PONIES, YEARLINGS, WEANLINGS, FOALS

Carry out same routine as for adult horses, giving approximately half the amount.

Vary dosage accordingly.

WEANING AND BREAKING IN STAGES

Commence GASTRAZONE® at least 7 days prior to weaning at recommended higher dosage. The same procedure applies at the breaking in stage.

MEAT WITHHOLDING PERIOD: NIL.

DISPOSAL: Rinse container thoroughly, then break, crush or puncture and bury empty container in a local authority land fill.

STORAGE: Store below 25°C

(Air Conditioning) in a dry place. Replace lid tightly after use. Protect from light.

BATCH No:

EXPIRY DATE:

MANUFACTURED BY:

VETFORCE PTY. LTD.

Suite 2, 70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (03) 9743 9050
Facsimile: (03) 9747 8875

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GASTRAZONE® – while you're sleeping....it's working!

Recommended Retail Price (RRP) – Incl. GST

1.25ltr \$45.80

4ltr \$83.75

16ltr \$268.00





Horses cannot store B Group vitamins within the body for long periods of time and require a constant daily intake. The requirements are a balance between dietary intake and bodily expenditure, with many functions creating excessive losses. If a horse has twice the vitamin expenditure it cannot double its food intake to recoup the losses. With an increased consumption of carbohydrates from oats, maize, barley, rice, glucose, molasses, etc., additional amounts of Thiamine and other B Group vitamins are concurrently needed to help maximise **carbohydrate combustion** and **energy release**. If premixed or processed feeds contain cracked, crimped or crushed grain, the ration becomes susceptible to **nutritional leakage**. This is due to the destruction of the hull-nature's envelope and **protective sealant**. Furthermore, when **preformed** feeds are 'smeared' with molasses, any incompatible components become 'soldered' together, which can dramatically reduce the product's **life span**. B Group vitamins deteriorate very quickly when exposed to unfavourable conditions and one vitamin cannot substitute for another. **INSTANT B** is isolated from undesirable components and consistently provides **specialised dietary fortification** for horses with **nutritional requirements far exceeding nature's intent**, regardless of the quality, variety and volume of food consumed and is fully preformed for immediate biological functions whenever required.

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TYPICAL CONSTITUENTS PER LITRE:

ALSO ADDED:

NIACINAMIDE	11,830 mg
INOSITOL	9,279 mg
THIAMINE HYDROCHLORIDE	3,179 mg
RIBOFLAVIN	3,914 mg
CHOLINE CHLORIDE	5,988 mg
PYRIDOXINE HYDROCHLORIDE	2,166 mg
CALCIUM PANTOTHENATE	1,105 mg
CYANOCOBALAMIN	19.87 mg
FOLIC ACID	914 mg
BIOTIN	33-200 mg

ANTIOXIDANT:

DL ALPHA TOCOPHERYL ACETATE	2,134 mg
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DIRECTIONS FOR USE: As a daily routine mix thoroughly into the feed or administer directly into the horse's mouth.

RECOMMENDED DAILY DOSE RATES:

RACE HORSES & PACERS	30-60 ml
ENDURANCE HORSES	60 ml
SHOW HORSES	30-60 ml
YEARLINGS	30 ml
TRAVELLING HORSES	60 ml
POLO HORSES	60 ml
PONIES	30 ml

For horses with elevated requirements increase dosage accordingly.

MEAT WITHHOLDING PERIOD: NIL.

DISPOSAL: Rinse container thoroughly, then break, crush or puncture and bury empty container in a local authority land fill.

STORAGE: Store below 25°C

(Air Conditioning) in a dry place. Replace lid tightly after use. Protect from light.

BATCH No:

EXPIRY DATE:

MANUFACTURED BY:

CARBINE CHEMICALS PTY. LTD.

Suite 2
70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (03) 9743 9050
Facsimile: (03) 9747 8875

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Recommended Retail Price (RRP) – Incl. GST

1.25ltr \$38.10

4ltr \$69.65

16ltr \$222.85





There are many types of iron available however they vary greatly in quality and effectiveness. The iron obtained from nature is irregular and poorly absorbed, but nature allowed for this, as horses living in the wild don't require a high performing blood profile nor are they subjected to high constant expenditures.

Although native iron is poorly absorbed, requirements are met by **free range consumption** of a **large plant volume** gathered over many kilometres daily, primarily from **selected live plants** which are short and close to the root system.

The horse in confinement (*stabled, travelling, performing*) is restricted and cannot consume a large plant turnover daily and tends to eat smaller concentrated grain feeds that come from the top of the plant, which is furthest from the root system.

The cereal grains are inferior suppliers of dietary iron and can't be relied upon to also provide the "associated" minerals copper and cobalt concurrently in the correct balance.

IRON DONOR® - AN INSTANT REINFORCEMENT OF BIOLOGICAL IRON FOR ALL HORSES

Horses receiving **IRON DONOR®** daily are continually guaranteed to receive an influx of highly concentrated biological iron, which ensures their highest dietary requirements are consistently fulfilled, regardless of their expenditure, or the quality, variety and volume of the food they eat.

IRON DONOR® is a liquefied blend of organically rich biological iron, plus influential co-factors, which are essential for maximum iron absorption and is fully pre-formed for immediate cellular uptake whenever required!

DIRECTIONS FOR USE:

As a daily routine mix thoroughly into the feed.

● **ALLOCATION BY SYRINGE:** This technique quickly measures the required amount with extreme accuracy and efficiency, with no contents remaining in the dispenser after administration.

RECOMMENDED DAILY DOSE RATES:

HORSES RECEIVING HIGH GRAIN RATIONS	50 ml
HORSES TRAINING AND RACING	50 ml
PREGNANT AND LACTATING MARES	50 ml
WEANLINGS AND YEARLINGS	25-50 ml
FOALS	15-25 ml

Vary dosage accordingly.

MEAT WITHHOLDING PERIOD: NIL

BATCH NO.

DISPOSAL: Rinse container thoroughly, then break, crush or puncture and bury empty container in a local authority land fill.

EXPIRY DATE:

STORAGE: STORE IN A COOL DRY PLACE BELOW 25°C (AIR CONDITIONING) REPLACE LID TIGHTLY AFTER USE. PROTECT FROM LIGHT.

MANUFACTURED BY:

VETFORCE PTY LTD
Suite 2
70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (03) 9743 9050
Facsimile: (03) 9747 8875

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TYPICAL CONSTITUENTS PER LITRE

FERRIC AMMONIUM CITRATE 100g

ELEMENTAL IRON 20g

ALSO ADDED

COPPER AS CHLORIDE 188mg

COBALT AS CHLORIDE 7.6mg

CHOLINE CHLORIDE 10.692g

FOLIC ACID 1,000mg

CYANOCOBALAMIN 40mg

Recommended Retail Price (RRP) – Incl. GST

1.25ltr \$38.35

4ltr \$70.10

16ltr \$224.30





STAMAZENE is a concentrated electrolyte solution to supplement diets where levels may be low. The loss of electrolytes during strenuous exercise must be replaced in the diet to help restore normal levels to assist in maintaining metabolic functions and electrolyte balance within body tissues. Nervousness can also be a contributor to electrolyte requirements even under normal climatic conditions.

● Strenuous work & racing ● High grain diets ● High protein & lucerne consumption

TYPICAL CONSTITUENTS PER LITRE:

SODIUM	105.480 g
POTASSIUM	11.452 g
CHLORIDE	111.161 g
CITRATE	91.522 g

DIRECTIONS FOR USE: As a daily routine mix thoroughly into the feed or administer directly into the horse's mouth.

● **ADDING TO THE MORNING FEED:**

Because a large number of horses are worked early in the day, it can be 10–12 hours before they gain access to their night feed, where the majority of supplements are added. Mixing **STAMAZENE** in the morning feed helps horses to consume electrolytes lost during exercise and accelerate normality at an earlier rate.

● **ALLOCATION BY SYRINGE:** This technique quickly measures the required amount with extreme accuracy and efficiency, with no contents remaining in the dispenser after administration.

RECOMMENDED DAILY DOSE RATES:

RACE HORSES & PACERS	60–120 ml
ENDURANCE HORSES	120 ml
SHOW HORSES	60 ml
POLO HORSES	120 ml
YEARLINGS	60 ml
TRAVELLING HORSES	120 ml
PONIES	60 ml

For horses with elevated requirements increase dosage accordingly to help maintain normal levels.

IMPORTANT: An adequate supply of clean drinking water must be available at all times.

Whilst STAMAZENE functions independently, it is also structured to interlock with CARBELYTE or RELOAD along with CARBALENE as a daily routine whenever required.

MEAT WITHHOLDING PERIOD: NIL.

DISPOSAL: Rinse container thoroughly, then break, crush or puncture and bury empty container in a local authority land fill.

STORAGE: Store below 30°C (Room Temperature) in a dry place. Replace lid tightly after use. Protect from light.

BATCH No:

EXPIRY DATE:

MANUFACTURED BY:

CARBINE CHEMICALS PTY. LTD.
Suite 2

70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (02) 6021 1321

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Recommended Retail Price (RRP) – Incl. GST

1.25ltr	\$30.25
4ltr	\$55.30
16ltr	\$176.90

POWDER PRODUCTS



CARBELYTE is a combination of selected essential electrolytes with added B Group Vitamins to supplement diets that may be low. The loss of electrolytes during strenuous exercise must be replaced in the diet to help restore normal levels to assist in maintaining normal metabolic functions and electrolyte balance within body tissues. Nervousness can also be a contributor to electrolyte requirements even under normal climatic conditions.

3

● **Strenuous work & racing**

● **High grain diets**

● **High protein & lucerne consumption**

TYPICAL CONSTITUENTS PER KILOGRAM:

SODIUM	263.700 g
POTASSIUM	28.635 g
MAGNESIUM	11.086 g
CALCIUM	19.620 g
CHLORIDE	277.484 g
BICARBONATE	150.235 g
SULPHATE	119.116 g
CARBONATE	29.380 g

ALSO ADDED:

NICOTINIC ACID	11,830 mg
INOSITOL	9,279 mg
THIAMINE MONONITRATE	3,179 mg
RIBOFLAVIN	3,914 mg
CHOLINE BITARTRATE	5,988 mg
PYRIDOXINE HYDROCHLORIDE	2,166 mg
CALCIUM PANTOTHENATE	1,105 mg
CYANOCOBALAMIN	19.87 mg
FOLIC ACID	914 mg
BIOTIN	33.200 mg
DL ALPHA TOCOPHERYL ACETATE	2,134 mg

DIRECTIONS FOR USE:

RECOMMENDED DAILY DOSE RATES:

RACE HORSES & PACERS	30-60 g
ENDURANCE HORSES	60 g
SHOW HORSES	30 g
YEARLINGS	30 g
TRAVELLING HORSES	60 g
POLO HORSES	60 g
PONIES	30 g

For horses with elevated requirements increase dosage accordingly.

MIXING: CARBELYTE is best mixed into a little damp bran and mixed into the feed thoroughly.

IMPORTANT: An adequate supply of clean drinking water must be available at all times. A measure is provided. One measure contains 30g of CARBELYTE.

MEAT WITHHOLDING PERIOD: NIL.

DISPOSAL: Rinse container thoroughly, then break, crush or puncture and bury empty container in a local authority land fill.

STORAGE: Store below 25°C (Air Conditioning) in a dry place. Replace lid tightly after use. Protect from light.

BATCH No:

EXPIRY DATE:

MANUFACTURED BY:
CARBINE CHEMICALS PTY. LTD.

Suite 2
70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (03) 9743 9050
Facsimile: (03) 9747 8875

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Recommended Retail Price (RRP) – Incl. GST

2kg	\$52.10
5kg	\$86.85
16kg	\$222.35





The performance horse in training has many biological functions which are Vitamin E dependent and consistently require levels much higher than available from nature for maximum performance.

Vitamin E is essential for the carbohydrate and glycogen metabolism, antibody stimulation, synthesis of haemoglobin hormone and muscular function and for many other bodily demands faced by horses under the stress of training and competition. It is especially important for stallions and brood mares being '**primed**' for reproduction and for the development of healthy progeny. The horse in confinement (stabled, travelling, performing) is unable to process a high plant turnover everyday for the necessary influx of Vitamin E. It cannot follow it's natural '**free range**' grazing routine and suffers a large reduction in the variety and volume of '**liveplant**' consumption.

Transformation from a '**continual grazer**' to a '**meal eater**' creates further dietary complications. When a horse needs twice it's normal Vitamin E requirement it cannot double it's food intake to satisfy it's needs so a concentrated, consistent influx is required. If premixed or processed feeds are used containing cracked, crimped or crushed grain, the ration becomes very susceptible to '**nutritional leakage**' due to the destruction of the '**hull**' which is nature's '**envelope**' and protective '**sealant**'. When preformed feeds are '**smeared**' with molasses. Any incompatible components become '**soldered**' together and that can dramatically reduce the products '**life span**'. The Vitamin E contained within the plant structure deteriorates very quickly when exposed to unfavourable conditions.

CARBINE-E is isolate from undesirable components and the influential constituents are secured within the plant extract matrix for immediate cellular uptake whenever required.

ACTIVE CONSTITUENTS:

EACH KILOGRAM CONTAINS:

DL ALPHA TOCOPHERYL ACETATE 100,000 mg

ALSO CONTAINS:

CHOLINE BITARTRATE 17 mg

RACEMETHIONINE 10 mg

MANUFACTURED BY:

CARBINE CHEMICALS PTY. LTD.

Suite 2

70 Lincoln Road

Essendon Victoria Australia 3040

Ph: 02 6021 1321

DIRECTIONS FOR USE:

DAILY DOSE RATES:

RACE HORSES & PACES	20g
POLO HORSES	20g
ENDURANCE HORSES	20g
SHOW HORSES	20g
PREGNANT & LACTATING MARES	20-40g
YEARLINGS	20g
FOALS & WEANLINGS	10-20g
PONIES	10g
STALLIONS BREEDING	40g
STALLIONS SPELLING	20g
HORSES IN POOR CONDITION	20-40g
HORSES ON RESTRICTED FOOD INTAKE	20-40g

MIXING: CARBINE-E is best mixed into a little damp Bran and mixed into the feed thoroughly. A measure is provided. One measure contains 20g of CARBINE-E.

MEAT WITHHOLDING PERIOD: NIL.

DISPOSAL: Dispose of empty container by wrapping with paper and putting in garbage.

STORAGE: Store below 30°C (room temp) in a dry place. Replace lid tightly after use. Protect from light.

BATCH No.

EXPIRY DATE:

Please note that this product is currently in the APVMA registration process and is therefore not presently available. We will advise when it is again available for purchase.

Recommended Retail Price (RRP) – Incl. GST

1kg	\$59.20
2.5kg	\$98.65
10kg	\$315.65



RELOAD is a combination of selected essential electrolytes to supplement diets that may be low. The loss of electrolytes during strenuous exercise must be replaced in the diet to help restore normal levels to assist in maintaining normal metabolic functions and electrolyte balance within body tissues. Nervousness can also be a contributor to electrolyte requirements even under normal climatic conditions.

- **Strenuous work & racing** ● **High grain diets** ● **High protein & lucerne consumption**

DIRECTIONS FOR USE:

RECOMMENDED DAILY DOSE RATES:

RACE HORSES & PACERS	30-60g
ENDURANCE HORSES	60g
SHOW HORSES	30g
YEARLINGS	30g
TRAVELLING HORSES	60g
POLO HORSES	60g
PONIES	30g

For horses with elevated requirements increase dosage accordingly.

MIXING: RELOAD is best mixed into a little damp bran and mixed into the feed thoroughly.

IMPORTANT: An adequate supply of clean drinking water must be available at all times.

A measure is provided. One measure contains 30g of RELOAD.

MEAT WITHHOLDING PERIOD: NIL.

DISPOSAL: Rinse container thoroughly, then break, crush or puncture and bury empty container in a local authority land fill.

STORAGE: Store below 30°C (Room Temperature) in a dry place. Replace lid tightly after use. Protect from light.

BATCH No:

EXPIRY DATE:

MANUFACTURED BY:
CARBINE CHEMICALS PTY. LTD.

Suite 2
70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (03) 9743 9050
Facsimile: (03) 9747 8875

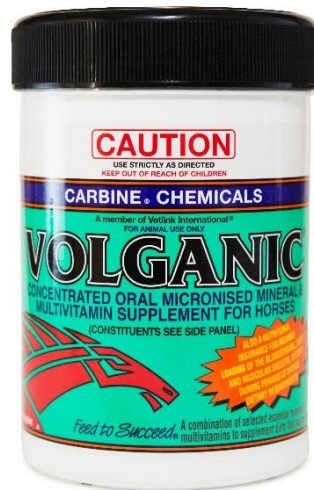
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TYPICAL CONSTITUENTS PER KILOGRAM

SODIUM	263.700g
POTASSIUM	28.635g
MAGNESIUM	11.086g
CALCIUM	19.620g
CHLORIDE	277.484g
BICARBONATE	150.235g
SULPHATE	119.116g
CARBONATE	29.380g

Recommended Retail Price (RRP) – Incl. GST

2kg	\$31.65
5kg	\$52.75
16kg	\$135.10



Horses in the wild had no restrictions to their grazing routine and consumed a large plant volume gathered over many kilometres daily. The selected grasses, which are generally short and close to the root system, are grown over different mineralized zones, thus providing a large mineral variety. Drinking from mineral springs, creeks and pastoral pans also increased the horse's mineral intake.

Although the horse's digestive system has not increased, it is still expected to process **All** the nutrients for **All** performances at timetables set by man, not by nature.

Domesticated horses tend to eat smaller concentrated feeds containing high energy grains from the top of the plant. Being furthest from the root system, grain is highly prone to deficiencies and imbalances, (especially in regards to modern day requirements) with many minerals being unavailable or out of the root system's reach.

VOLGANIC consistently provides specialised dietary fortification for horses with **nutritional requirements far exceeding nature's intent**, regardless of the quality, variety and volume of food consumed and is fully preformed for immediate biological functions whenever required, as well as helping offset deficiencies which can also make the horse **susceptible** to many ailments.

TYPICAL CONSTITUENTS PER KILOGRAM:

IRON as FERROUS FUMARATE	3,334 mg
COPPER as COPPER CARBONATE	523 mg
COBALT as COBALT CARBONATE	21 mg
MANGANESE as MANGANESE CARBONATE	3,472 mg
ZINC as ZINC CARBONATE	3,472 mg
SELENIUM as SODIUM SELENITE	14 mg
IODINE as POTASSIUM IODIDE	25 mg
CHROMIUM as CHROMIUM PICOLINATE	100 mg
MOLYBDENUM as SODIUM MOLYBDATE	84 mg
MAGNESIUM as MAGNESIUM CARBONATE	35 g
LYSINE HYDROCHLORIDE	10 g

ALSO ADDED:

RETINOL (VITAMIN A)	1,000,000 iu
CHOLECALCIFEROL (VITAMIN D3)	150,000 iu
NICOTINIC ACID	11,830 mg
INOSITOL	9,279 mg
THIAMINE MONONITRATE	3,179 mg
RIBOFLAVIN	3,914 mg
CHOLINE BITARTRATE	5,988 mg

PYRIDOXINE HYDROCHLORIDE	2,166 mg
CALCIUM PANTOTHENATE	1,105 mg
CYANOCOBALAMIN	19.87 mg
FOLIC ACID	914 mg
BIOTIN	33.200 mg
DL ALPHA TOCOPHERYL ACETATE	2,134 mg

DIRECTIONS FOR USE:

RECOMMENDED DAILY DOSE RATES:

RACE HORSES & PACERS	30-60 g
ENDURANCE HORSES	60 g
SHOW HORSES	30-60 g
POLO HORSES	60 g
PONIES	30 g
PREGNANT & LACTATING MARES	60-90 g
FOALS & WEANLINGS	30-60 g
YEARLINGS	60 g

For horses with elevated requirements increase dosage accordingly.

MIXING: VOLGANIC is best mixed into a little damp bran and mixed into the feed thoroughly.

MEAT WITHHOLDING PERIOD: NIL.

DISPOSAL: Rinse container thoroughly, then break, crush or puncture and bury empty container in a local authority land fill.

STORAGE: Store below 25°C (Air Conditioning) in a dry place. Replace lid tightly after use. Protect from light.

BATCH No:

EXPIRY DATE:

MANUFACTURED BY:
CARBINE CHEMICALS PTY. LTD.

Suite 2
70 Lincoln Road
Essendon Victoria Australia 3040
Telephone: (03) 9743 9050
Facsimile: (03) 9747 8875

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Please note that this product is currently in the APVMA registration process and is therefore not presently available. We will advise when it is again available for purchase.

Recommended Retail Price (RRP) – Incl. GST

2kg \$58.80

5kg \$97.95

16kg \$250.85



PRODUCT PAMPHLETS

BLOOD ENRICHMENT

RANDOM REINFORCEMENT™

JETRAMAX® STIMULUS SOLUTION®

A highly potent, broad spectrum B complex stimulus solution with a far greater magnitude than even selected established brands of injectable B complex.

JETRAMAX® also rapidly bolsters upper normal B complex levels even when given as close as 2 – 4 hours prior to high performance without imposing a pre-race tax on the horse's buffer system.

HAEMATONIC™ STIMULUS SOLUTION®

A fast-acting multi-functional stimulus solution that bolsters upper normal levels of essential haematopoietic and erythropoietic factors, which are crucial towards the ongoing production of haemoglobin, erythrocytes and myoglobin.

This also actively supports CIRCUMSTANTIAL REQUIREMENTS™ along with the relevant biological functions associated with the high exertion stresses of training and competition, as well as uniquely providing further reinforcement from infused Specialised Preloaded Regulators™, that proficiently generate additional stress support.

The amalgamation of **JETRAMAX®** with **HAEMATONIC™** prior to administration further highlights how each specific formula with its dedicated purpose, can also be combined with other **INSTAMAX®** formulations in selected proportions, to instantly establish additional combinations to proficiently target the forever fluctuating demands occurring in all types of horses, as well as the varied requirements that arise from different training methods.

This provides outstanding flexibility to help personalise every horse's **Circumstantial Requirements™** at any point in time, at the discretion of trainers or delegated personnel.

Furthermore, the **INSTAMAX® Range** can also be used in conjunction with other **non**-related products to help achieve the desired outcome with accuracy below ¼ ml whatever the case may be.

RANDOM REINFORCEMENT™

Recommended dosage:

Administer 10ml **HAEMATONIC™** with 10ml – 15ml **JETRAMAX®** directly into the horse's mouth whenever required.

VARY DOSAGE AND FREQUENCY ACCORDINGLY



RAY BAKER
0418 171 781
for immediate
information

PRE – RACE RITUAL™

Recommended dosage:

STEP ONE:

Administer 20ml **BOOSTAMAX®** with 20ml - 30ml **PHOSLAMAX™** daily, for the 3 remaining days prior to start of competition.

BOOSTAMAX® STIMULUS SOLUTION®

A rapid-acting biodynamic multi-functional stimulus solution which facilitates glycogen construction and glucose enrichment within the bloodstream, whilst systematically infusing erythrocytes for vascular dispersion. This along with the relevant incursion of fatty acids, also actively supports aerobic and anaerobic fuelling for sustained muscular propulsion during intensive and prolonged physical activities, while training or competing.

STEP TWO:

Administer 30ml - 60ml **AMALGAMAX®** before breakfast on the day of competition.

PHOSLAMAX™ STIMULUS SOLUTION®

A highly potent biodynamic, multi-functional stimulus solution which also helps rapidly replenish ongoing expenditures from intensive adrenal activities. It further assists paralactic acid metabolism, while targeting a widespread variety of additional acidulous surges, constantly generated throughout training and competition.

NOTE: Paralactic Acid is the debilitating lactic acid produced by anaerobic glycolysis during high muscular exertion. Its volatility profoundly contributes to myoasthenia, thus dramatically escalating muscular fatigue.

STEP THREE:

Administer 30ml **ADRENAMAX®** directly into the horse's mouth approximately 4 ½ to 2 ½ hours prior to start of competition.
Refer to recommended dosage for further details.

AMALGAMAX® STIMULUS SOLUTION®

A PRELOADED™ hypertonic saline stimulus solution which actively patrols the vascular system to also help bolster ionic normality, regardless of high sweat loss or low sweat output, without deviating towards or inflicting metabolic acidosis within the horse.

Furthermore, it simultaneously disperses a rapid reinforcement of essential broad spectrum B Group Vitamins & Ascorbic Acid, for widespread metabolic motivation™.

ADRENAMAX® STIMULUS SOLUTION®

A rapid-acting biodynamic stimulus solution that actively facilitates metabolic motivation™ during strenuous activities.

The selective pre-priming also supports optimising erythrocytes in rapidly dumping their oxygen load. This is crucial towards fulfilling all relevant myovascular demands, which further helps maximise energy release, whilst minimising unwarranted paralactic acid formation.

Meticulously reinforced with Specialised Preloaded Regulators™ that generate additional stress support.



ROUTINE REINFORCEMENT SYSTEM[™]

JETRAMAX[®] STIMULUS SOLUTION[®]

A highly potent, broad spectrum B complex stimulus solution with a far greater magnitude than even selected established brands of injectable B complex.

JETRAMAX[®] also rapidly bolsters upper normal B complex levels even when given as close as 2 – 4 hours prior to high performance without imposing a pre-race tax on the horse's buffer system.

CITRAMAX[™] STIMULUS SOLUTION[®]

A highly potent, rapid-acting Ascorbic Acid stimulus solution with Specialised Preloaded Regulators[™] that actively bolster upper normal levels of Vitamin C, to also promote high normality towards reinforcement of Adrenal activity and Leukocyte loading, as well as relevant biological functions. This helps optimise widespread stress support, which may otherwise directly or indirectly lead to nutritional dysfunctions, and could also progressively hamper future performance

When the horse is at strong pacework stage or an equivalent exertion out-put, give 5ml - 10ml **JETRAMAX**[®] with 5ml - 10ml **CITRAMAX**[™] **once** or **twice** weekly. Systematically maintain **Routine Reinforcement**[™] while the horse progresses towards high speed anaerobic workloads.

At this intensive stage of training and competition, or as adrenal activity intensifies, further reinforcement may be required and the frequency may be increased to **two** or **three** times weekly to help sustain **upper normality** in order to bolster relevant biological functions to fulfil each horse's **Circumstantial Requirements**[™], and withstand escalating metabolic demands.

For further details refer to recommended dosage.

VARY DOSAGE AND FREQUENCY ACCORDINGLY



ROUTINE REINFORCEMENT SYSTEM™

FOR HIGH PERFORMANCE HORSES

BOOSTAMAX® STIMULUS SOLUTION®

A rapid-acting biodynamic multi-functional stimulus solution which facilitates glycogen construction and glucose enrichment within the bloodstream, whilst systematically infusing erythrocytes for vascular dispersion.

This, along with the relevant incursion of fatty acids, also actively supports aerobic and anaerobic fuelling for sustained muscular propulsion during intensive and prolonged physical activities, while training or competing.

PHOSLAMAX™ STIMULUS SOLUTION®

A highly potent biodynamic, multi-functional stimulus solution which also helps rapidly replenish ongoing expenditures from intensive adrenal activities.

It further assists paralactic acid metabolism, while targeting a widespread variety of additional acidulous surges, constantly generated throughout training and competition.

NOTE: Paralactic acid is the debilitating lactic acid produced by anaerobic glycolysis during high muscular exertion. Its volatility profoundly contributes to myoasthenia, thus dramatically escalating muscular fatigue.

When the horse is at strong pacework stage or an equivalent exertion out-put, give 10ml - 20ml **BOOSTAMAX™** with 10ml - 20ml **PHOSLAMAX™** **once** or **twice** weekly. Systematically maintain **Routine Reinforcement™** while the horse progresses towards high speed anaerobic workloads.

At this intensive stage of training and competition, or as adrenal activity intensifies, further reinforcement maybe required and the dosage may be varied to **two** or **three** times weekly to also help optimise anabolic procedures and relevant biological functions.

VARY DOSAGE AND FREQUENCY ACCORDINGLY

IMPORTANT

Regardless of what stage the horse is at in its training programme, and whenever there is an upsurge in adrenal output, "*from either physical or psychological demands*", **Random Reinforcement™** should be promptly and proficiently implemented, especially when both depletive expenditures occur simultaneously.

This can apply even more when horses are trained on heavy sand, hilly terrain or whenever doing repetitive workouts, besides any other forms of arduous exercise.

NOTE: Hyperactive or nervous and excitable horses, including "*pullers*", are much more likely to have ongoing sporadic expenditures, and may require **Random Reinforcement™** on a regular basis.

It is the nutritional expenditures associated with stress, and **not** the actual stress alone, that can acutely or progressively lead to additional nutritional deficiencies and biological dysfunctions.

For horses with high exertion activities, even minor dysfunctions can have a dramatic effect on their performance, as well as their consistency and longevity.



TRAINERS!

‘Lubricate your mean lean muscle machine, as race-day is when their muscles must perform to capacity!’

MUSLAMAX™ **STIMULUS SOLUTION®**

A rapid-acting, multi-functional muscle stimulus solution which also facilitates muscular fluency and efficiency of slow twitch and fast twitch muscles, to help sustain optimal myovascular blood flow that is strongly influenced by skeletal *“muscular pumping”*.

This is crucial towards minimising paralactic acid production and muscular fatigue, constantly generated during intensive and prolonged exertion while training or competing.

It is widely known that **vitamin B1** and **vitamin E** are incompatible when combined with iron whenever moisture is associated, and this can have an adverse effect on their long-term stability and functionality.

However, this can be effectively avoided when amalgamating **MUSLAMAX™** or **THIAMAX™** with either **IRONAMAX™** or **HAEMATONIC™** (*which are both high potency biological iron stimulus solutions*) prior to administration, and yet retain their existing potency and efficiency, as well as being tailored to help optimise the horse's **Circumstantial Requirements™**.

It is highly prudent to implement **MUSLAMAX™** as a **Random Reinforcement™** for horses subjected to high physical exertion, in order to bolster **upper normality** and also help optimise muscular propulsion, **regardless** of what their **blood enzymes** indicate.

NOTE: Horses with **muscle enzymes** within the normal range, can still be “lethargic” have muscular dysfunction, and also fatigue faster than other horses with much higher enzyme levels.

RANDOM REINFORCEMENT™

Recommended dosage:

Administer 30ml **MUSLAMAX™** directly into the horse's mouth the afternoon before competing, then an additional 30ml 5 – 8 hours prior to start of competition.

For additional reinforcement, refer to **ADRENAMAX®** recommended dosage for further details.

VARY DOSAGE AND FREQUENCY ACCORDINGLY

Unlike people, horses have four sets of leg muscles which continuously *“brace”* to retain balance during haulage, and this applies to every horse.

The high physical exertion during competition, and the travelling time and distance to and from the venue are unavoidable, placing a further persistent *“toll”* on the horse's musculature.



RAY BAKER
0418 171 781
for immediate
information

CIRCUMSTANTIAL REQUIREMENTS™

As a training support for horses subjected to muscular exertion that may also be prone to “TYING-UP!”

MUSLAMAX™

STIMULUS SOLUTION®

A rapid-acting, multi-functional muscle stimulus solution which also facilitates muscular fluency and efficiency of slow twitch and fast twitch muscles, to help sustain optimal myovascular blood flow that is strongly influenced by skeletal “muscular pumping”.

This is crucial towards minimising paralytic acid production and muscular fatigue, constantly generated during intensive and prolonged exertion while training or competing.

ADRENAMAX®

STIMULUS SOLUTION®

A rapid-acting biodynamic stimulus solution that actively facilitates metabolic motivation™ during strenuous activities. The selective pre-priming also supports optimising erythrocytes in rapidly dumping their oxygen load. This is crucial towards fulfilling all relevant myovascular demands, which further helps maximise energy release, whilst minimising unwarranted paralytic acid formation.

Meticulously reinforced with Specialised Preloaded Regulators™ that generate additional stress support.

RANDOM REINFORCEMENT™

Recommended dosage:

Give 10ml – 20ml **MUSLAMAX™** with 5ml – 10ml **THIAMAX™** late in the afternoon, the day prior to the intended work session, then administer 10ml – 15ml **ADRENAMAX®** directly into the horse's mouth the following morning, approximately **two** hours before work.

VARY DOSAGE AND FREQUENCY ACCORDINGLY

THIAMAX™

STIMULUS SOLUTION®

A highly potent, rapid-acting Vitamin B1 stimulus solution, meticulously reinforced with Specialised Preloaded Regulators™ that only become activated upon ingestion.

This strategic fortification also helps bolster upper normal Vitamin B1 levels prior to high performance without creating an acidulous burden, which is exceptionally beneficial by not imposing a pre-race tax on the horse's buffer system.



RAY BAKER
0418 171 781

for immediate
information

A member of Vetlink International®

It's forever being said that 'horses give trainers ULCERS!'

Well, that's been pleasantly reduced, with trainers now enjoying welcomed relief, knowing their horses are flourishing with **advanced nutritional fortification** thanks to...

GASTRAZONE™

An appetising blend of selected plant extracts and nutritional isolates to supplement diets that may be low and help maintain normal gastrointestinal function in horses.

How it was meant to be Since evolution, horses in the wild had no restrictions to their grazing habits and consumed a large plant volume gathered over many kilometres daily. This enabled them access to a vast variety of prime seasonal plants to fulfill their daily requirements for survival and reproduction as well as enjoying freedom to fossic for specific plants to help relieve self-diagnosed ailments.

How it is The horse in confinement (stabled, travelling, performing) is unable to process a high plant turnover every day for the necessary influx of nutritional elements. It cannot follow it's natural free range grazing routine and suffers a large reduction in the variety and volume of live plant consumption which can lead to continual deprivation of many nutrients and make the horse vulnerable to many ailments. Horses in training and competition are constantly faced with repetitive stresses, both physically and psychologically, with nutritional requirements far exceeding nature's intent and are highly reliant on dietary assistance to help maintain normal health while governed by artificial environments.

How it should be Horses receiving **GASTRAZONE** daily have a continual influx of liquefied plant extracts enriched with selected nutritional isolates to help assist normal gastrointestinal function and dietary efficiency. Thiamine is also incorporated to assist in maintaining a normal appetite and help offset deficiencies induced by plants containing Thiaminase (*which renders Vitamin B1 ineffective*) as well as diets deteriorating from unfavourable conditions or having low inherent levels. **GASTRAZONE** is very palatable and highly functional, being preformed for immediate nutritional fortification whenever required, especially horses receiving high grain rations or with limited access to an extensive variety of free range plant consumption.

TRAINERS!

The following are some of the characteristics can can be associated with gastrointestinal discomfort and vexation besides other idiosyncracies.

These unusual behavioural patterns can be a burden both physically and psychologically to your horse's training and performance programme. This can also have significant nutritional consequences affecting the horse's true performance potential as well as dramatically reducing its financial opportunities.

- Licking the ground, walls, rails, etc or even licking another horse.
- Eating sand, hole digging - occasionally deposits stones or unusual objects in their feed bin. This behaviour may not be prevalent in stabled horses (*especially inner city trained*) as they don't usually have access to the same variety of objects as do horses in large yards or open spaces.
- Windsucking (*cribbing*) - another way of trying to relieve discomfort.
- Chewing on doors, rails, feeders, lead ropes, rugs, etc.
- Abruptly nipping at their own belly and flank region.
- Randomly kicking out for no obvious reason, usually at nothing visible. (*this can also happen when unsaddling after hard work or competition*)
- Foot stomping is another characteristic. (*not to be confused with stomping to repel flies*)
- Agitation in the 'hosing down bay', especially after hard work or competition.
- Chewing another horses mane or tail or even their own tail.
- Attempting to 'bite' or 'cow kick' when girthed up. The same response can occur when brushing around the lower belly region.
- Dumping their faeces in a littered ground pattern, instead of being 'clustered', (*regardless of texture*) with occasionally spontaneously excreting in the feed bin, water bucket or unusual places.
- Grunting when defecating.
- Occasionally looking back at it's belly and flank region, giving 'colicky' impression. (*consult a Veterinary Surgeon if in doubt*)
- Loose or irregular droppings.

- Reluctant to co-operate while loading
- Can become vexed by travelling, especially on long haulage.
- Pawing and restless while tethered in the stalls or in the hitching rail, before or after competition.
- Wormy appearance (*especially after constant worming and NO worms!*)
- Can give an impression to have **Sand**
- Coat not coming through as expected, although this can also happen with ailments.
- Bit chomping/grinding prior to competition or after physical exertion.
- Resists going around to the start, into barrier stalls or displays other antics to avoid participation.
- Reluctant to fully extend itself and may also be slightly misaligned or out of rhythm as it searches for relief.
- Inclined to 'run off' at hurdles (*even obstacles they can easily jump*).

NOTE: This can also occur with unsoundness issues.

Activation by Anticipation

- Hyperactive/'jazzed up' - clammy/sweaty.

NOTE: Horses travelling with '**gut tension**' often results in prolonged lower levels of perspiration and can be just as, if not more depleting than a profuse outburst over a short period.

Hosing the horse down prior to competition does not replace any of its lost energy or vital constituents and such losses can significantly distort their fluid balance and blood viscosity, which can have a detrimental effect on their performance and recovery.

SIPPERS

Sippers are horses that frequently take small 'sips' of water whilst eating, but may not appear to be at all thirsty (maybe they're trying to put the fire out!). This can lead to food accumulating in their drinking water from constant 'sipping' whilst eating, which can turn 'musty', particularly in warmer weather. NOTE: DO NOT DISREGARD DENTAL REQUIREMENTS.

NIBBLERS

Nibblers are generally horses who are slow at eating with an intermittent appetite.

They may have the desire to eat, but can be reluctant to do so in the normal manner, especially after physical exertion.

THE NIGHT TIME FEED

Nibblers spend far more time than they should standing up eating. Ideally they should be having lengthier laydowns for the conservation of energy and reduction in muscular tension, as well as taking weight off their feet, joints, ligaments and tendons. Although it is very pleasing to see the horse's feeder empty the following morning, it is not an indication of what may be happening when the 'lights go off'. Whenever there are aggravating situations, such as gastrointestinal discomfort, the horse can become restless which could lead to box walking, weaving and windsucking (cribbing) besides other idiosyncracies. This can be detrimental to the horses training and performance routine, especially if affected the night before competition.

DIRECTIONS FOR USE: As a daily routine, mix thoroughly into the feed.

● **ALLOCATION BY SYRINGE:** This technique quickly measures the required amount with extreme accuracy and efficiency, with no contents remaining in the dispenser after administration.

RECOMMENDED DAILY DOSE:

Adult Horses (400-500kg)

Initially give 100ml morning and 100ml evening for 7 days then reduce to 50ml morning and 50ml evening every day. For horses with elevated requirements, increase dosage accordingly.

PONIES, YEARLINGS, WEANLINGS, FOALS

Carry out same routine as for adult horses, giving approximately half the amount. Vary dosage accordingly.

WEANING AND BREAKING IN STAGES

Commence **GASTRAZONE** at least 7 days prior to weaning at recommended dosage. The same procedure applies at the breaking in stage.

VETFORCE PTY. LTD.

Suite 2
70 Lincoln Road
Essendon, Victoria, Australia, 3040

- **NO PRESCRIPTION REQUIRED**
- **NO WITHDRAWAL REQUIRED**



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for immediate
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Available in 1.25L, 4L, & 16L from your usual supplier

GASTRAZONE - While you're sleeping.....it's working!

GREYHOUNDS

IMPORTANT NOTICE

Users of **Carbine Chemicals** products should note that we are equine specialists and these products are registered for that particular species with the relevant government regulatory body. It is repeatedly come to our attention that these products are also being used on greyhounds. **Carbine Chemicals** cannot directly control the use to which it's products are put and accordingly at all times recommends that it's products be used strictly in accordance with the directions specified on the product packaging. Noting the fact that these products are also used in the marketplace for greyhounds, it is important to note in this regard that different dosages apply to greyhounds as compared to horses. Whilst **Carbine Chemicals** does not specifically prepare, promote or advocate the use of it's products for greyhounds, it is concerned to ensure that if and where this occurs, that the appropriate dosage is administered, for which specific purpose this guide has been prepared. Any inquiries regarding the contents or subject matter of this notice should be directed to **Carbine Chemicals**, contactable on **0418 171 781** at any time.

- **CARB-IRON** **Concentrated Oral Organo Chelated Iron Solution**
DOSAGE: 4ml to 5ml daily in feed.
IMPORTANT: Does not contain ferrous sulphate.

- **CARBALENE** **Oral Mild Diuretic & Body Acid Neutralising Solution**
For the buffering of lactic acidosis, dehydration and associated "Tying Up" conditions. **Carbalene** contains Tri Sodium Acid Citrate Dihydrate which provides far more sodium than Di Sodium Acid Citrate. This additional sodium is available to penetrate the deep seated muscle mass to buffer higher **lactic loads** besides helping correct **blood** that is **thickening** due to sodium requirement.
DOSAGE: 4ml to 5ml daily in feed.
Double dose after a race, trial, travelling or whenever there is a reduced urine flow and a mild diuretic is desired.
IMPORTANT: An adequate supply of clean drinking water must be available during treatment.

- **CARBELYTE** **Oral Electrolyte and Vitamin B Group Replacer**
DOSAGE: .5 to 1 teaspoon daily in feed.
NOTE: Increase dosage as required when dry or tight in feaces.
IMPORTANT: An adequate supply of clean drinking water must be available during treatment.

- **CARBINE - E** **Oral Vitamin E Supplement with Additional Benefits of Choline Bitarate and Racemethionine**
Typical constituents per kilogram:
dl Alpha Tocopheryl Acetate 100,000mg
Choline Bitarate 17,000mg
Racemethionine 10,000mg
DOSAGE: .5 to 1 teaspoon daily in feed.
NOTE: Can be given in the same feed as **Carb-Iron** with no loss of potency.

● **RELOAD**

Oral Electrolyte Replacer

DOSAGE: .5 to 1 teaspoon daily in feed.

NOTE: Increase dosage as required when dry or tight in feaces.

IMPORTANT: An adequate supply of clean drinking water must be available during treatment.

● **STAMAZENE**

Highly Concentrated Oral Electrolyte Solution

To aid the prevention and treatment of dehydration. **Stamazene** has an instant impact and can be added to the water, feed or syringed directly into the mouth. **Stemazene** is also an excellent “Top Up” station for immediate replacement after trialling, racing, travelling or when food is not required.

DOSAGE: 5ml to 10ml daily in feed.

NOTE: When syringing into the mouth apply **very slowly**.

Dosage can be fluctuated and repeated whenever required.

If drinking excessively reduce dosage to the desired amount.

IMPORTANT: An adequate supply of clean drinking water must be available during treatment.

● **INSTANT ‘B’**

Oral Vitamin B Complex Solution

DOSAGE: 5ml to 10ml daily in feed.

● **VOLGANIC**

A nutritional insurance for a reliable loading of the bloodstream, liver and muscular skeletal system with multivitamins & minerals plus trace elements especially during periods of intense dietary requirements

DOSAGE: To be given in feed daily.

Training: 1 to 2 teaspoons

Spelling: .5 to 1 teaspoon

IMPORTANT: Does not contain ferrous sulphate

● **RELAXSEN**

Oral Aneurine solution blended into an Organo Amino and Plant Extract Base

Give 7ml or the required amount approximately 5.5 hours before start of competition by syringing directly into the mouth.

POOR TRAVELLERS: Give 7ml or the required amount approximately 2.5 hours before loading.

NIGHT BEFORE COMPETITION: Syringe 7ml or the required amount directly into the mouth at sunset, especially if inclined to be hyperactive.

RELAXSEN can be given the night before competition then again day of competition if required.

● **JETRAMAX**

A very potent, rapid acting oral Broad Stectrum B Complex solution

DOSAGE: 1ml to 2ml whenever required.

● **CITRAMAX**

Concentrated oral Vitamin C solution

DOSAGE: 1ml to 2ml whenever required.

● **THIAMAX**

Concentrated oral Vitamin B1 solution

DOSAGE: .5ml to 1ml whenever required.

● **FOLAMAX**

Concentrated oral Folic Acid & Vitamin B12 solution

DOSAGE: .5ml to 1ml whenever required.

● **CYANAMAX**

Concentrated oral Hi Vitamin B12 solution

DOSAGE: .5ml to 1ml whenever required.

● **IRONAMAX**

Highly concentrated oral Organo Chelated Iron solution with added cofactors

Typical constituents per ml:

Ferric Ammonium Citrate B.P.	250mg
Elemental Iron	50mg
Copper as Glycinate	470ug
Cobalt as Acetate	19ug
Lysine Hydrochloride	25mg
Racemethionine	20mg
Glycine	25mg

DOSAGE: 1.5ml to 2ml whenever required.

Important: Does not contain ferrous sulphate.

● **MULSAMAX**

Concentrated oral VitaminE & solubilised Selenium solution with added Cofactors.

DOSAGE: 2ml to 3ml whenever required.

Note: When subjected to high muscular activity, give 4ml daily for two consecutive days before competition then an additional 4ml 5 to 8 hours pre performance time.

IMPORTANT: Ironmax and Muslamax can be mixed in the same syringe prior to administration with no loss of potency.

● **PHOSLAMAX**

Concentrated oral solubilised Phosphate solution with added Vitamin B12 & Folic Acid

DOSAGE: 2ml to 3ml whenever required.

Also participates in the PRE PERFORMANCE RITUAL.

● **AMALGAMAX**

Concentrated oral hypertonic saline solution with added Vitamin B Complex and Vitamin C.

DOSAGE: 3ml to 6ml whenever required.

Also participates in the PRE PERFORMANCE RITUAL.

● **BOOSTAMAX**

Preformed oral biocellular energy fuelling reinforcement solution with added essential cofactors.

DOSAGE: 2ml whenever required.

Also participates in the PRE PERFORMANCE RITUAL.

● **ADRENAMAX**

DOSAGE: 4ml to 5ml orally 4.5 to 5.5 hours prior to competition.

Also participates in the PRE PERFORMANCE RITUAL.



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PRE PERFORMANCE RITUAL™

ANABOLIC PHASE 'the storage of energy'

STEP ONE

BOOSTAMAX™ & PHOSLAMAX™

Administer 2ml BOOSTAMAX with 2ml PHOSLAMAX for 3 consecutive days before competition, then again 4 -8 hours prior to start of competition.

STEP TWO

AMALGAMAX™

Administer 3 - 6ml of AMALGAMAX before breakfast on a day of competition.

Also participates in:

- Reinforcing Biocellular fuelling systems for *slow twitch* and *fast twitch* muscles
- Fortifying Adenosine & Creatine
- Bicarb Support
- Amino Acid enhancement
- Glucose conveyance
- Rectifying Adrenal expenditure
- Hormone activity
- Glycogen construction
- Fatty acid facilitation
- Phosphate loading

CATABOLIC PHASE 'the release of energy'

STEP THREE

ADRENAMAX™

Administer 4ml to 5ml orally 4.5 to 5.5hrs prior to competition.

NOTE: RELAXSEN can be given in conjunction with ADRENAMAX whenever required

ACTIVE INGREDIENTS PRODUCT COMPARISON

Amino Acids:

- Arginine Hydrochloride
- L-Tryptophan
- Lysine Hydrochloride
- Glycine
- L-Tyrosine

Minerals:

- Calcium
- Chloride
- Iodine as Potassium Iodine
- Magnesium as Magnesium Carbonate
- Potassium
- Selenium as Sodium Selenite
- Sodium Ascorbate
- Sulphate
- Phosphate
- Carbonate
- Elemental Iron
- Magnesium
- Monosodium L-Ascorbate
- Potassium Glycerophosphate
- Sodium
- Solubilised Phosphate
- Zinc as Zinc Carbonate
- Choline Chloride

Vitamins:

- Aneurine Hydrochloride (B1)
- Calcium Pantothenate (B5)
- Riboflavin (B2)
- Cyanocobalamin (B12)
- Folic Acid (B9)
- Iron as Ferrous Fumarate (C, B12)
- Nicotinic Acid (B3)
- Pyridoxine Hydrochloride (B6)
- Biotin (B7)
- Cholecalciferol (D)
- DL Alpha Tocopheryl Acetate (E)
- Inositol (B8)
- Niacinamide (B3)
- Retinol (A)
- Thiamine Hydrochloride (B1)
- Thiamine Mononitrate (B1)

Ingredient	Product	Active ingredient ratio
Aneurine Hydrochloride	Relaxsen Nocturnal	5mg per ml
	Relaxsen Pre Performance	5mg per ml
Arginine Hydrochloride	Adrenamax	167mg per ml
	Relaxsen Nocturnal	25mg per ml
Bicarbonate	Carbelyte	150.235g per kg
	Reload	150.235g per kg
Biotin	Amalgamax	16.7ug per ml
	Carbelyte	33.200mg per kg
	Instant B	33.200mg per ltr
	Jetramax	100ug per ml
	Volganic	33.200mg per kg
Calcium	Carbelyte	19.620g per kg
	Reload	19.620g per kg
Calcium Pantothenate	Amalgamax	4.2mg per ml
	Carbelyte	1,105mg per kg
	Instant B	1,105mg per ltr
	Jetramax	25mg per ml
	Volganic	1,105mg per kg
Carbonate	Carbelyte	29.380g per kg
	Reload	29.380g per kg
Chloride	Amalgamax	111.161mg per ml
	Carbelyte	277.484g per kg
	Reload	277.484g per kg
	Stamazene	111.161g per ltr
Cholecalciferol	Volganic	150,000iu per kg
Choline Bitrtrate	Carbelyte	5,988mg per kg
	Carbine-E	17g per kg
	Volganic	5,988mg per kg
Choline Chloride	Amalgamax	8.4mg per ml
	Carb-Iron	10.692g per ltr
	Haematonic	50mg per ml
	Instant B	5,988mg per kg
	Iron Donor	10.692g per ltr
	Jetramax	50mg per ml
Chromium as Chromium Picolinate	Boostamax	100ug per ml
	Volganic	100mg per kg
Citrate	Amalgamax	91.522mg per ml
	Stamazene	91.522g per ltr
Cobalt as Acetate	Haematonic	19ug per ml
	Ironamax	19ug per ml
Cobalt as Chloride	Carb-Iron	7.6mg per ltr
	Iron Donor	7.6mg per ltr
Cobalt as Cobalt Carbonate	Volganic	21mg per kg
Copper as Chloride	Carb-Iron	188mg per ltr
	Iron Donor	188mg per ltr
Copper as Copper Carbonate	Volganic	523mg per kg
Copper as Glycinate	Haematonic	470ug per ml
	Ironamax	470ug per ml

Cyanocobalamin	Amalgamax	34ug per ml
	Carbelyte	19.87mg per kg
	Cyanamax	1,500ug per ml
	Folamax	1,000ug per ml
	Haematonic	200ug per ml
	Instant B	19.87mg per ltr
	Iron Donor	40mg per ltr
	Jetramax	200ug per ml
	Muslamax	200ug per ml
	Phoslamax	200ug per ml
	Volganic	19.87mg per kg
DL Alpha Tocopheryl Acetate	Carbelyte	2,134mg per kg
	Carbine-E	100,000mg per kg
	Instant B	2,134mg per ltr
	Muslamax	50mg per ml
	Volganic	2,134mg per kg
Elemental Iron	Carb-Iron	20g per ltr
	Haematonic	50mg per ml
	Ironamax	50mg per ml
	Iron Donor	20g per ltr
Ferric Ammonium Citrate	Carb-Iron	100g per ltr
	Haematonic	250mg per ml
	Ironamax	250mg per ml
	Iron Donor	100g per ltr
Folic Acid	Amalgamax	834ug per ml
	Carbelyte	914mg per kg
	Folamax	25mg per ml
	Haematonic	5mg per ml
	Instant B	914mg per ltr
	Iron Donor	1,000mg per ltr
	Jetramax	5mg per ml
	Phoslamax	5mg per ml
	Volganic	914mg per kg
Glycine	Ironamax	25mg per ml
Inositol	Amalgamax	3.4mg per ml
	Carbelyte	9,279mg per kg
	Instant B	9,279mg per ltr
	Jetramax	20mg per ml
	Volganic	9,279mg per kg
Iodine as Potassium Iodine	Volganic	25mg per kg
Iron as Ferrous Fumarate	Volganic	3,334mg per kg
L-Tryptophan	Relaxsen Nocturnal	20mg per ml
L-Tyrosine	Adrenamax	67mg per ml
Lysine Hydrochloride	Ironamax	25mg per ml
	Volganic	10g per kg
Magnesium	Carbelyte	11.086g per kg
	Reload	11.086g per kg
Magnesium as Magnesium Carbonate	Volganic	35g per kg
Manganese as Manganese Carbonate	Volganic	3,472mg per kg
Molybdenum as Sodium Molybdate	Volganic	84mg per kg

Monosodium L-Ascorbate	Citramax	500mg per ml
Niacinamide	Amalgamax	12.5mg per ml
	Instant B	11,830mg per ltr
	Jetramax	75mg per ml
Nicotinic Acid	Carbelyte	11,830mg per ltr
	Volganic	11,830mg per ltr
Phosphate	Amalgamax	13.617mg per ml
Potassium	Amalgamax	11.452mg per ml
	Carbelyte	28.635g per kg
	Reload	28.635g per kg
	Stamazene	11.452g per ltr
Potassium Aspartate	Adrenamax	20mg per ml
Potassium Glycerophosphate	Adrenamax	125mg per ml
	Boostamax	125mg per ml
	Muslamax	125mg per ml
Pyridoxine Hydrochloride	Amalgamax	4.2mg per ml
	Carbelyte	2,166mg per kg
	Instant B	2,166mg per ltr
	Jetramax	25mg per ml
	Volganic	2,166mg per kg
Racemethionine	Carbine-E	10g per kg
	Ironamax	20mg per ml
Retinol	Volganic	1,000,000iu per kg
Riboflavin	Amalgamax	1.7mg per ml
	Carbelyte	3,914mg per kg
	Instant B	3,914mg per kg
	Jetramax	10mg per ml
	Volganic	3,914mg per kg
Selenium as Sodium Selenite	Volganic	14mg per kg
Sodium	Amalgamax	105.480mg per ml
	Carbelyte	263.700g per kg
	Reload	263.700g per kg
	Stamazene	105.480g per ltr
Sodium Ascorbate	Amalgamax	84mg per ml
Sodium Selenite	Muslamax	250ug per ml
Solubilised Phosphate	Phoslamax	250mg per ml
Sulphate	Carbelyte	119.116g per kg
	Reload	119.116 per kg
Thiamine Hydrochloride	Amalgamax	5.8mg per ml
	Boostamax	10mg per ml
	Gastrazone	2,350mg per ltr
	Instant B	3,179mg per ltr
	Jetramax	35mg per ml
	Thiamax	250mg per ml
Thiamine Mononitrate	Carbelyte	3,179mg per kg
	Volganic	3,179mg per kg
Tri Sodium Citrate Dihydrate	Carbalene	275g per ltr
Zinc as Zinc Carbonate	Volganic	3,472mg per kg

WORD LISTING

Amalgamation – Combining or uniting

Acidity Regulation – PH control agent, maintain PH levels

Acidulous – Slightly acid

Aerobic & Anaerobic - Presence and absence of oxygen, respectively. During exercise with adequate fuel and oxygen (aerobic), muscle cells can contract repeatedly without fatigue. During anaerobic or non-oxygen conditions (higher intensity exercise), muscle cells must rely on other reactions that do not require oxygen to fuel muscle contraction. This anaerobic metabolism in the cells produces waste molecules that can impair muscle contractions. We call this deterioration in performance fatigue

Alkaline – Greater PH than acid

Anaerobic Glycolysis - Is the transformation of glucose to lactate when limited amounts of oxygen are available

Ascorbic Acid - A naturally occurring organic compound with antioxidant properties. It is a form of vitamin C

Biodynamic – Holistic, ecological and ethical approach

Bolster - Support or strengthen

Broad Spectrum B Complex - Known as the B vitamin family B1, B2, B3, B5, B6, B12, folic acid, and biotin, nearly all of which are involved in the metabolism of carbohydrates and fats; that is, B vitamins are needed for energy

Carbohydrate Combustion – A breakdown of carbohydrates to yield energy

Carbonic Acid – A very weak acid

Electrolyte – Are minerals in the blood & other body fluids that carry an electric charge

Erythrocytes – Red blood cells

Erythropoiesis - Is the process which produces red blood cells (erythrocytes)

Erythropoietic Factor – Acts on stem cells of bone marrow to stimulate red blood cell production

Fortification – Defensive wall or other reinforcement built to strengthen against attack.

Gastrointestinal – Relating to the stomach and the intestines

Glycogen - Large, highly branched sugar molecule that is stored in muscle and the liver, and is used by the body as an energy source

Haematopoietic - In relation to the formation of blood or blood cells



Haemoglobin – Is an iron containing protein in red blood cells. Haemoglobin carries oxygen around the body and without enough of it the muscles and organs don't get all the oxygen that they need

Hyaluronate – A salt or ester of hyaluronic acid

Hypertonic Saline - Strong sterile solution

Lactic Acid – An organic acid produced in the muscle tissue during strenuous exercise

Leukocyte – White blood cells

Metabolic – The chemical process by which cells produce the substance and energy needed to sustain life

Metabolic Acidosis - A condition that occurs when the horse's body produces excessive quantities of acid

Meticulously – Extreme care

Muscular System – Is an Organ system consisting of skeletal, smooth and cardiac muscles

Myoasthenia – Grave muscle weakness

Myoglobin - A protein that is found in the muscle cells of animals. It functions as an oxygen-storage unit, providing oxygen to the working muscles

Myovascular - Relating to a muscle and its blood vessels

Neuromuscular - Relating to nerves and muscles

Paralactic Acid – Debilitating lactic acid produced by high muscular exertion

Pentosan - Any group of plant carbohydrates which form pentoses upon undergoing hydrolysis (woody plants)

Simultaneously – At the same time

Slow Twitch & Fast Twitch Muscles - Are muscle fibres. Slow-twitch muscle generates less speed and strength, but provides greater lasting endurance. Fast-twitch muscles rapidly generates strength and speed, but succumbs to fatigue more quickly

Systematically – Using a system or plan

Vascular System – Is made up of vessels that carry blood and lymph through the body