

BIOAMMO

BIOCOMPOSTABLE AMMUNITION

FOR THE NEXT GENERATION



BIOAMMO.ES



"This is the future. This is amazing. It is quite fabulous."

(Jonny Carter TGS Outdoors)

"The BIOAMMO GAME STEEL #3 is something special. There is nothing to dislike about it. It is hard hitting, consistent and if you inadvertently leave a spent case on the foreshore, it is no more polluting than a lettuce. Next season I will be using it on the foreshore. I have seen the future and I like it. "

Shooting Times - Richard Negus

"I used your cartridges this past game shooting season and I can attest that they are fantastic! BIOAMMO cartridges pattern better, hit harder as well as being plastic-free and biodegradable."

Tristram Allen - Shoot Straight



BIOAMMO

THE COMPANY

Started in 2019, **BIOAMMO** is an award-winning Spanish biotechnology company and **pioneer in the research and development of non-plastic, biodegradable, compostable and premium performance ammunition for game and sport shooting.**

BIOAMMO's cartridges are manufactured in the most modern and state-of-the-art factory in Europe and are designed to give users the best possible quality, performance and results.

BIOAMMO was the **first** company in the world to receive **patents** for its **biopolymer wads and cases.**

BIOAMMO's wads and cases are also the **only** complete non-plastic biopolymer solution to have received their respective **OK Compost HOME and INDUSTRIAL certificates.**

BIOAMMO is fully committed to the conservation of the natural environment and enhancing the biodiversity of the planet with its **100% biodegradable and compostable wads and cases.**





..... CASE COMPOSTABLE

..... SHOT

..... WAD COMPOSTABLE

..... PRIMER

..... POWDER

..... BASE WAD COMPOSTABLE

** Biopolymers used for wads and cases are biodegradable & compostable as defined by their respective OK Compost Home and Industrial certificates.*

BIOAMMO

TECHNOLOGY FOR THE ENVIRONMENT

BIOAMMO offers a sustainable solution to the significant problem of single-use, petrochemical plastics in munitions and their adverse effect on the countryside and landfills.

BIOAMMO's wads and cases are 100% biodegradable and compostable* and leave zero micro-plastics behind.

They can simply be added to the organic rubbish, put on the compost heap or buried, allowing micro-organisms to turn the wads and cases into a fertilising biomass. The metallic bases are also designed to oxidise into eco-friendly matter.

BIOAMMO's plastic-free technology enhances their premium performance too with improved energy transfer and patterning.

- A conventional cartridge contains 7 grams of plastic which could make 4 plastic bags.
- Picking up the cases and wads is laudable but they usually then go to landfill where they remain for ± 500 years, breaking down into micro-plastics and entering the food chain.
- Others are burnt and pollute the atmosphere.
- Fibre wads also often contain bitumen and plastic seals.
- Water-soluble wads still leave a residue and can have storage issues.
- Recycling is not a sustainable option as it is costly and only defers their disposal.

BIOAMMO

GAME



Made with double-base **Premium Powder** manufactured in the U.S.

GAME LEAD

Specifically designed for the game shooter who is seeking an excellent cartridge with premium quality and performance efficiency, and without any single-use plastics.



25 cartridges box
250 cartridges case

Compostable wads & case. **Ideal for Upland, Pheasant, Small Game (All U.K. game birds), Dove & Quail.**

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz		Velocity** m/s & fps	
BL28	4, 5, 6, 7 & 8	12	70	2¾	28g	1 oz	400	1315
BL30	4E*, 5E*, 6, 7, 8, 9 & 10	12	70	2¾	30g	1¼ oz	395	1295
BL32	4E*, 5E*, 6, 7, 8, 9 & 10	12	70	2¾	32g	1½ oz	390	1280
BL34	4E*, 5, 5E*, 6, 7 & 8	12	70	2¾	34g	1¾ oz	380	1250
BL36	4, 4E*, 5, 5E*, 6, 7 & 8	12	70	2¾	36g	1¼ oz	380	1250
ZL28	4, 5, 6, 7 & 8	20	70	2¾	28g	1 oz	370	1220
ZL30	4, 5, 6, 7 & 8	20	70	2¾	30g	1¼ oz	370	1220

* E = Hard Shot

** Measured at 2.5m from muzzle (CIP standards).

BIOΔMMO

GAME



Made with double-base **Premium Powder** manufactured in the U.S.



GAME STEEL

Premium performance steel shot cartridges particularly suited for wetland areas, without impacting on the aquifers or the environment.



25 cartridges box
250 cartridges case

Compostable wads and case.

Ideal for Wildfowl, Pheasant and Game.

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz	Velocity* m/s & fps		
BLS28	3, 4, 5 & 7	12	70	2¾	28g	1 oz	385	1265
BLS30	2, 3, 4, 5 & 7	12	70	2¾	30g	1⅛ oz	395	1295
BLS32	2, 3, 4, 5 & 7	12	70	2¾	32g	1½ oz	395	1295
BLS34	3, 4, 5 & 7	12	70	2¾	34g	1¾ oz	390	1280

* Measured at 2.5m from muzzle (CIP standards).

BIOΔMMO

WATERFOWL



LEAD
FREE
STEEL



3"
LENGTH

12
GAUGE



Made with double-base **Premium Powder** manufactured in the U.S.

HIGH VELOCITY STEEL MAGNUM 76mm.



25 cartridges box
250 cartridges case

High Velocity cartridges especially designed for waterfowl and manufactured with **lead-free loads**.

Compostable wads and case.

Ideal for Duck, Goose and high birds.

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz		Velocity* m/s & fps	
MLS32	BB 2,3 & 4	12	76	3	32g	1½ oz	469	1538
MLS36	BB 2,3 & 4	12	76	3	36g	1¼ oz	417	1368

* Measured at 2.5m from muzzle (CIP standards).

BIOΔMMO

PIGEON



Made with double-base **Premium Powder** manufactured in the U.S.



SPECIAL PIGEON

High load cartridge with excellent shot patterns and effective performance.

Especially designed for pigeon and pest control.

Maximum lethality with minimum recoil.

Compostable wads and case.



25 cartridges box
250 cartridges case

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz		Velocity* m/s & fps	
BR36P	7½ & 8	12	70	2¾	36g	1¼ oz	380	1250

* Measured at 2.5m from muzzle (CIP standards).

THE NEW BIOAMMO BLUE

0%
STEEL

0%
LEAD

0%
PLASTIC

LEAD
FREE



12
GAUGE

Made with double-base **Premium Powder** manufactured in the U.S.



BLUE

Combining **alloy-based pellets (non-lead, non-steel)** with **0% plastic** that is great for the environment and the game shooter.

BLUE 67mm, 70mm & 76mm cartridges are suitable for use in all shotguns with the correct chamber length and that are nitro-proofed*. Can be used with any choke.

With almost the same softness, lethality and penetration as lead. Premium performance too and without ricochet.



25 cartridges box
250 cartridges case

Shot comparison chart:
Lead & BLUE alloy

Lead	4	5	6	7
BLUE	3	4	5	6

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz		Velocity** m/s & fps	
CB25	3, 4, 5 & 6	12	67	2½	25g	⅝ oz	420	1377
BB28	3, 4, 5 & 6	12	70	2¾	28g	1 oz	420	1377
BB30	3, 4, 5 & 6	12	70	2¾	30g	1⅛ oz	395	1295
BB32	3, 4, 5 & 6	12	70	2¾	32g	1½ oz	407	1335
BB35	3, 4 & 5	12	76	3	35g	1¼ oz	400	1315

* Excluding #3 shot

** Measured at 2.5m from muzzle (CIP standards).

BIOΔMMO

BUCKSHOT



Made with double-base **Premium Powder** manufactured in the U.S.



BUCKSHOT

An effective cartridge for larger game.

Concentrated patterning and great stopping power.

Ideal for hunting deer and wild boar.



10 cartridges box
200 cartridges case

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz		Velocity* m/s & fps	
BK36	BB / 4,5 mm	12	76	3	36g	1¼ oz	400	1312
BK21	00 / 8,38 mm	12	70	2¾	9 balls		400	1312

* Measured at 2.5m from muzzle (CIP standards).

BIOΔMMO

SLUG



Made with double-base **Premium Powder** manufactured in the U.S.



SLUG

Cartridge with expansive lead-free projectile for Larger Game and sub-calibrated that can be fired with any type of poly choke.

Ideal for hunting larger animals such as wild boar and deer.

Highly lethal due to the controlled opening of its fins.



10 cartridges box
200 cartridges case

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz		Velocity* m/s & fps	
BS32	SLUG	12	70	2¾	32g	1⅞ oz	470	1541

* Measured at 2.5m from muzzle (CIP standards).

BIOΔMMO

TARGET



Made with double-base **Premium Powder** manufactured in the U.S.

CLAY LEAD

Premium performance cartridges designed by the Olympic medalist, **Jorge Guardiola**, especially for competitive Sport Shooting.

Compostable wads and case.



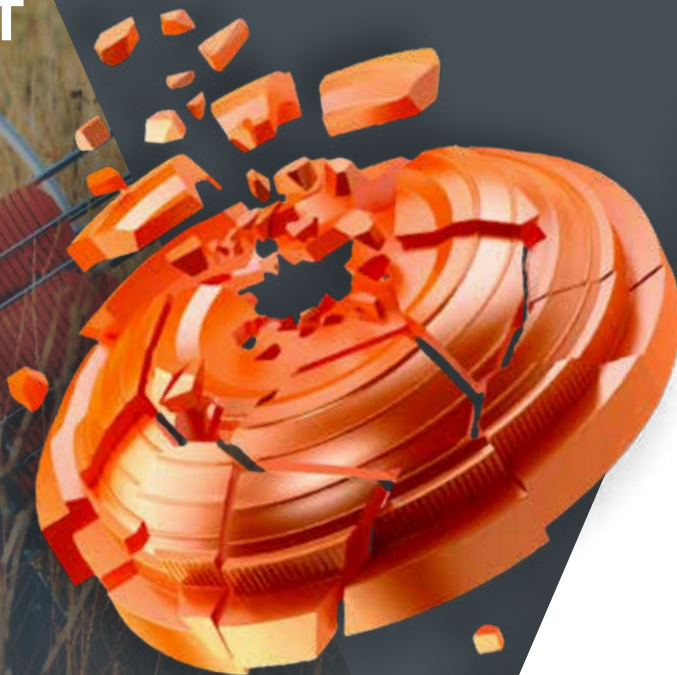
25 cartridges box
250 cartridges case

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz		Velocity* m/s & fps	
BR24	7½, 8 & 9	12	70	2¾	24g	7⁄8 oz	410	1350
BR28	7½, 8 & 9	12	70	2¾	28g	1 oz	390	1280
ZR28	7½, 8 & 9	20	70	2¾	28g	1 oz	355	1165

* Measured at 2.5m from muzzle (CIP standards).

BIOΔMMO

TARGET



Made with double-base **Premium Powder** manufactured in the U.S.



CLAY STEEL

Premium quality steel shot cartridge
especially designed for clay targets,
dove and quail without harming
the environment.

Compostable wads and case.



25 cartridges box
250 cartridges case

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz	Velocity* m/s & fps		
BRS24	7 & 9	12	70	2¾	24g	7/8 oz	405	1325
BRS28	7 & 9	12	70	2¾	28g	1 oz	390	1280

* Measured at 2.5m from muzzle (CIP standards).

BIOAMMO

HELICE



Made with double-base **Premium Powder** manufactured in the U.S.



SPECIAL HELICE

32g cartridge with an especially designed wad for the most demanding Helice shooters, combined with medium-hard pellets to obtain the **best scores**.

Compostable wads and case.



25 cartridges box
250 cartridges case

Reference	Shot Size	Gauge	Length mm & inch		Load gr & oz		Velocity* m/s & fps	
BR32H	7½ & 8	12	70	2¾	32g	1½ oz	390	1280

* Measured at 2.5m from muzzle (CIP standards).

RENEWABLE RAW MATERIAL BIOPOLYMERS

Biopolymers are produced from natural sources, including renewables such as vegetables, where long sugar or starch chains are extracted from the raw materials.



Biopolymers can also be sustainably biosynthesised by living organisms or chemically synthesised from biological materials.

Continued R&D has enabled BIOAMMO's unique biopolymer formulations to be significantly improved. This includes increasing the elasticity of the materials so that they can perform well in environmentally challenging conditions.

BIOAMMO AND ENVIRONMENTAL SUSTAINABILITY

Following many years of intense Research, Development and Innovation, **BIOAMMO** has developed a cutting-edge manufacturing process and patented products that maximise the potential of **the unique 100% biodegradable and bio-compostable biopolymer materials used for all of its wads and cases.**

- This biopolymer material does not generate synthetic residues, toxic materials, micro-plastics nor dissolved pollutants that could damage the environment.
- Micro-organisms that are abundantly present in nature (bacteria, fungi and algae that are particularly active in subsoil, in landfill and composting conditions) enzymatically feed on the wads and cases from the **BIOAMMO** cartridges, converting them into natural biomass and thereby fertilising the soil.
- **BIOAMMO's 100% biodegradable and compostable wads** are coloured brown to minimise their visual contamination and will sink in water.
- The metallic base is made from an environmentally friendly alloy that will naturally oxidise.
- **BIOAMMO** is the only cartridge with both wads and cases manufactured from sustainable biopolymer materials that have received their respective **OK Compost HOME** and **INDUSTRIAL** certificates.



BIOAMMO

FOR THE NEXT GENERATION



BIOAMMO.ES

Check BIOAMMO website for International Distributors.
Exclusively distributed by Winchester in U.S.A, Canada and Australasia.
Contact your local dealer for retailer availability.